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merkezi yağlama sistemleri
central lubrication systems





ARPB RESISTANCE TYPE PLC LUBRICATOR

Model	Power	Max. Output Volume	Max. Pressure	Voltage	Current	Freq	Bore Size
ARPB	100W	150cc/min	15kgf/cm ²	110V 220V	1.6A 0.9A	50/60Hz	Ø4 or Ø6

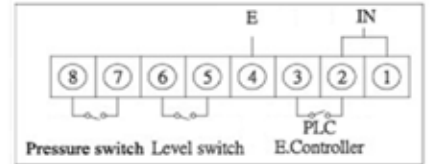
Oil viscosity - 32~68cSt/40°C

Model	Tank Volume	Tank Material	Fixing Bolt Distance F(mm)	L	W	H	Level Switch	Press. Gauge	Buzzer
				(mm)					
ARPB	02	Resin	177	208	129	267	O	O	X
	03		205	230	165	268			
	04	Alum.	280	250	170	260			

Pressure Switch - Option



ARPB (PLC)



ARFB RESISTANCE TYPE SINGLE SWITCH LUBRICATOR

Model	Lubrication	Interval	Max. Pressure	Power	Max. Output Vol.	Voltage	Current	Freq	Bore Size
	Time								
ARFB	2-180 sec	30 sec - 180 min	15kgf/cm ²	100 (W)	150cc/min	110V 220V	1.6A 0.9A	50/60Hz	Ø4 or Ø6

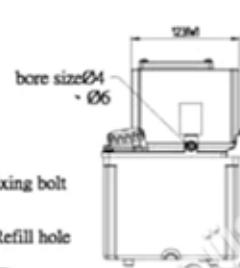
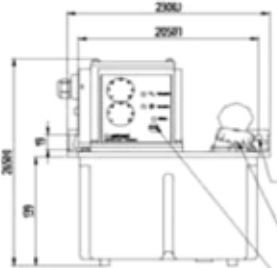
Oil viscosity - 32~68cSt/40°C

Model	Tank Volume	Tank Material	Fixing Bolt Distance F(mm)	L	W	H	Level Switch	Press. Gauge	Buzzer
				(mm)					
ARFB	02	Resin	177	208	129	267	O	O	O
	03		205	230	165	268			
	04	Plate	250	310	185	273			

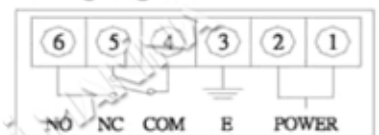
Pressure Switch - Option



ARFB



Wiring diagram:



ARTB RESISTANCE TYPE DIGITAL DISPLAY LUBRICATOR

Model	Lubrication	Interval	Max. Pressure	Power	Max. Output Vol.	Voltage (V)	Current (A)	Freq. (Hz)	Bore Size
	Time								
ARTB	1-999 sec	1-999 min or 1-999 sec	15kgf/cm ²	1000 (W)	150cc/min	110V 220V	1.6A 0.9A	50/60	Ø4 or Ø6

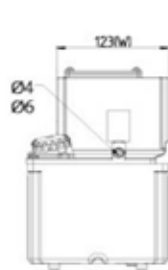
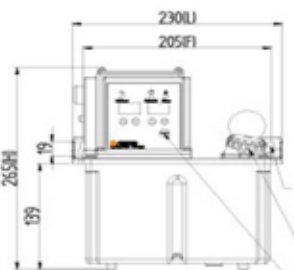
Oil viscosity - 32~68cSt/40°C

Model	Tank Volume	Tank Material	Fixing Bolt Distance F(mm)	L	W	H	Level Switch	Press. Gauge	Buzzer
				(mm)					
ARTB	02	Resin	177	208	129	267	O	O	O
	03		205	230	165	268			
	04	Plate	250	310	185	273			

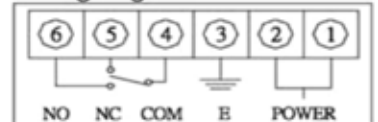
Pressure Switch - Option



ARTB



Wiring diagram:



AVPB PISTON TYPE PLC LUBRICATOR

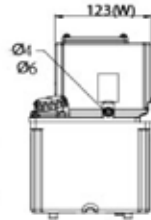
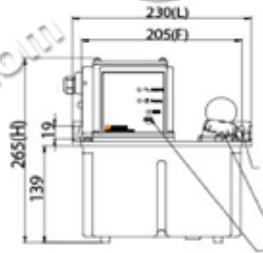
Model	Power	Max. Output Volume	Max. Pressure	Voltage	Current	Freq	Bore Size	Oil viscosity
AVPB	100W	150cc/min	15kgf/cm ²	110V 220V	1.6A 0.9A	50/60Hz	Ø4 or Ø6	32~68cSt/40°C

Model	Tank Volume	Tank Material	Fixing Bolt Distance F(mm)	L	W	H	Level Switch	Press. Gauge	Buzzer
				(mm)					
AVPB	02	Resin	177	208	129	267	O	O	X
	03		205	230	165	268			
	04	Alum.	250	310	185	273			
	08		338	355	197	261			

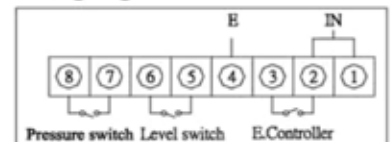
Pressure Switch - Option



AVPB (PLC)



Wiring diagram:


AVFB PISTON TYPE DUAL SWITCH LUBRICATOR

Model	Lubrication	Interval	Power	Max. Output Volume	Max. Pressure	Voltage (V)	Current (A)	Freq. (Hz)	Bore Size
	Time								
AVFB	2-180 sec	30 sec-180 min	1000 (W)	150cc/min	15kgf/cm ²	110V 220V	1.6A 0.9A	50/60Hz	Ø4 or Ø6

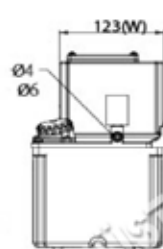
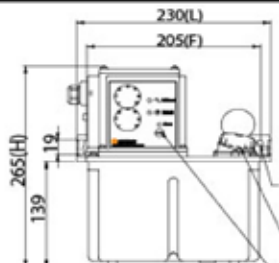
Oil viscosity - 32~68cSt/40°C

Model	Tank Volume	Tank Material	Fixing Bolt Distance F(mm)	L	W	H	Level Switch	Press. Gauge	Buzzer
				(mm)					
AVFB	02	Resin	177	208	129	267	O	O	O
	03		205	230	165	268			

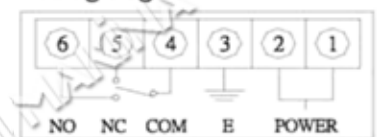
Pressure Switch - Option



AVFB



Wiring diagram:


AVTB PISTON TYPE DIGITAL DISPLAY LUBRICATOR

Model	Lubrication	Interval	Power	Max. Output Volume	Max. Pressure	Voltage (V)	Current (A)	Freq. (Hz)	Bore Size
	Time								
AVTB	1-999 sec	1-999 min or 1-999 sec	1000 (W)	150cc/min	15kgf/cm ²	110V 220V	1.6A 0.9A	50/60Hz	Ø4 or Ø6

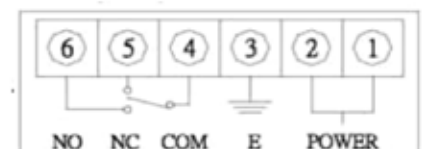
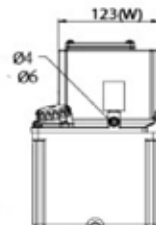
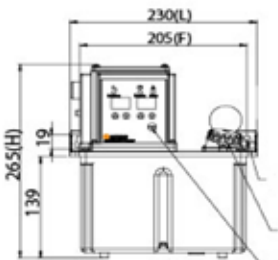
Oil viscosity - 32~68cSt/40°C

Model	Tank Volume	Tank Material	Fixing Bolt Distance F(mm)	L	W	H	Level Switch	Press. Gauge	Buzzer
				(mm)					
AVTB	02	Resin	177	208	129	267	O	O	O
	03		205	230	165	268			
	04	Plate	250	310	185	273			

Pressure Switch - Option

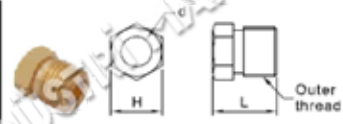


AVTB

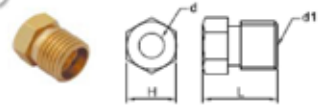


SOMUN BAĞLANTI

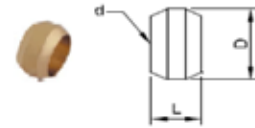
Model	Bore	d	L	Outer-thread
PA-4	Ø4	Ø4.1	12	M8*P1.0
PA-6	Ø6	Ø6.1	12.5	M10*P1.0



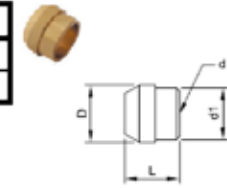
Model	Bore	d	d1	Outer-thread
PA-104	Ø4	Ø4.1	Ø5.5	M8*P1.0
PA-106	Ø6	Ø6.1	Ø7.5	M10*P1.0


YÜKSÜK

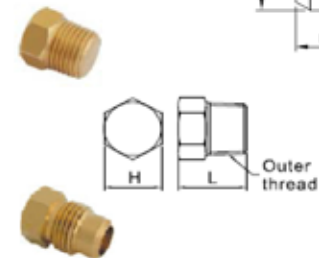
Model	Bore	d	D	L
PB-4	Ø4	Ø4.1	Ø6	4.6
PB-6	Ø6	Ø6.1	Ø8	



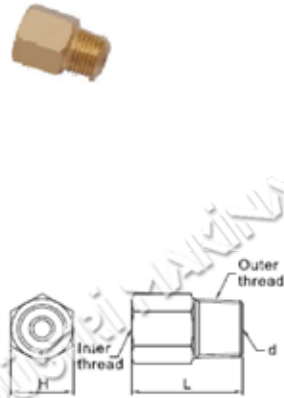
Model	Bore	d	d1	D	L
PB-104	Ø4	Ø4.1	Ø5.4	Ø6	5.5
PB-106	Ø6	Ø6.1	Ø7.4	Ø8	6


KÖRTOPA

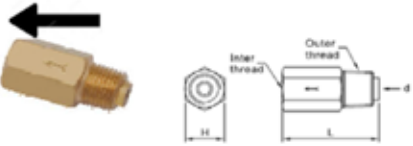
Model	L	Outer-thread	H	Weight(kg)
PG-004	12	M8*P1.0	8	4
PG-1		PT1/8	10	6
PUNOM080-1 (Central Bore Ø 3)	16	M8*P1.0 (Long Type)	8	6
PUNOM100-2 (Central Bore Ø 6)		M10*P1.0	10	8


DÜZ REKOR BAĞLANTI

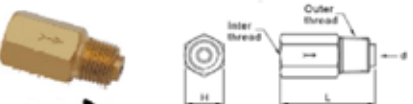
Model	Bore	d	Inter-thread	Outer-thread
PD-101	-	-	PT 1/8	PT 1/8
PD-102	-	-		PT 1/4
PD-202	-	-	PT 1/4	PT 1/4
PD-104	Ø4	Ø3	PT 1/8	M8*P1.0
PD-106	Ø6	Ø4		M10*P1.0
PD-401	Ø4	Ø3	M8*P1.0	PT 1/8
PD-402				PT 1/4
PD-403				PT 3/8
PD-408				M8*P1.0
PD-410				M10*P1.0
PD-601	Ø6	Ø4	M10*P1.0	PT 1/8
PD-602		Ø5		PT 1/4
PD-608		Ø3		M8*P1.0
PD-610		Ø4		M10*P1.0
PD-4061	Ø4	Ø2	M8*P1.0	M6*P1.0
PD-6061	Ø6		M10*P1.0	M6*P1.0


PD-4011 & PD-6011 CHECK ADAPT. DIŞI YÖNE ÇEK VALF

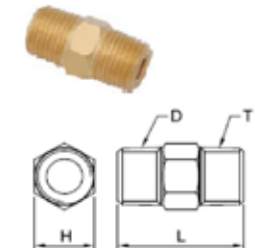
Model	Bore	d	Inter-thread	Outer-thread
PD-4011	Ø4	Ø2.2	M8*P1.0	PT 1/8
PD-6011	Ø6		M10*P1.0	


PD-4012 & PD-6012 CHECK ADAPT. ERKEK YÖNE ÇEK VALF

Model	Bore	d	Inter-thread	Outer-thread
PD-4012	Ø4	Ø2.2	M8*P1.0	PT 1/8
PD-6012	Ø6		M10*P1.0	

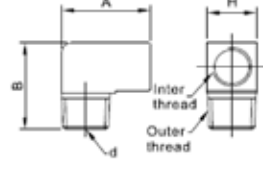

ERKEK NİPEL BAĞLANTI

Model	D*T	Material	H	L
CN-101	PT1/8*PT1/8	Brass	10	21
CN-202	PT1/4*PT1/4		14	25
RN-102	PT1/8*PT1/4	Brass	14	23
PTD01021	PT1/8*PT1/4	Iron	14	32
PTD10010	M10*PT1/8	Brass	10	20
PTD10100	M10*M10			
PROCPV-1	M8*M8	Brass	10	22
PROCPV-1	M8*PT1/8			

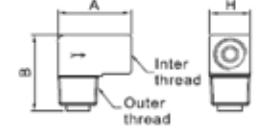


PH-401 & 601 DÜZ DİRSEK BAĞLANTI

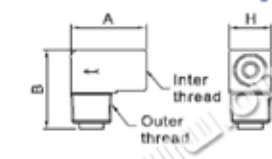
Model	Bore	d	Inter-thread	Outer-thread
PH-101	Ø4	Ø4	PT1/8	PT1/8
PH-102	Ø5	Ø5		PT1/4
PH-104	Ø4	Ø4		M8*P1.0
PH-106	Ø6	Ø6		M10*P1.0
PH-201	Ø4	Ø4	PT1/4	PT1/8
PH-202	Ø6	Ø6		PT1/4
PH-203	Ø8	Ø8		PT3/8
PH-303	Ø10	Ø10	PT1/4	PT3/8
PH-401	Ø4	Ø4	M8*P1.0	PT1/8
PH-402		Ø5		PT1/4
PH-408		Ø3		M8*P1.0
PH-410		Ø2		M10*P1.0
PH-601	Ø6	Ø4	M10*P1.0	PT1/8
PH-602		Ø5		PT1/4
PH-608		Ø3		M8*P1.0
PH-610		Ø4		M10*P1.0
PH-4061	Ø4	Ø2	M8*P1.0	M6*P1.0
PH-6061	Ø6	Ø2	M10*P1.0	


PH-4011 & 6011 CHECKLİ DİRSEK BAĞLANTI DIŞI YÖNE ÇEK VALF

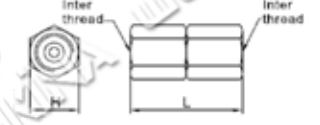
Model	Bore	d	Inter-thread	Outer-thread
PH-4011	Ø4	Ø2.2	M8*P1.0	PT1/8
PH-6011	Ø6		M10*P1.0	


PH-4012 & 6012 REVERSE (TERS) CHECK'Lİ BAĞLANTI ERKEK YÖNE ÇEK VALF

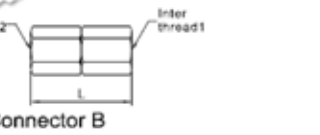
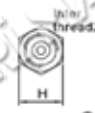
Model	Bore	d	Inter-thread	Outer-thread
PH-4012	Ø4	Ø2.2	M8*P1.0	PT1/8
PH-6012	Ø6		M10*P1.0	


DIŞI MANŞON BAĞLANTI

Model	D*T	H	L
PM-4	M8*P1.0	10	26
PM-6	M10*P1.0	12	



Model	D*T	Inter-thread2	H	L
PN-4	M8*P1.0	PT1/8	12	23
PN-6	M10*P1.0			



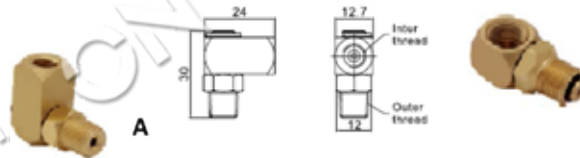
Connector B

DÜZ DÖNER REKOR

Model	Outer-thread	Inter-thread
SS-101	PT1/8	PT1/8
SS-401		M8*P1.0


DÖNER DİRSEK BAĞLANTI

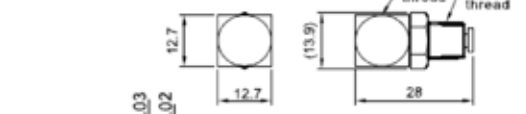
Model	Inter-thread	Outer-thread
ES-401 (A)	M8*P1.0	PT1/8
ES-601 (A)	M10*P1.0	
ES-101 (B)	PT1/8	



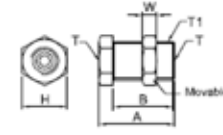
B

HORTUM İÇİ PİM

Model (Pim)	Bore	A-B	C-D
PO-4	Ø4	10-1,6	2,1-0,5
PO-401		10-1,7	
PO-601	Ø5	12-3,34	3,95-0,5


BAĞLANTI

Model	T	H	T1
PM-104	M8*P1.0	14	M12*P1.0
PM-106	M10*P1.0	16	M14*P1.0

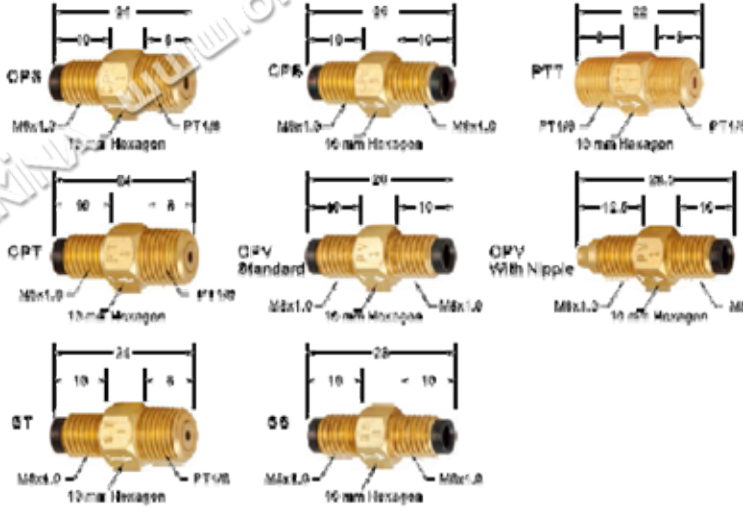


ORANSAL DAĞITICI

Specification	Model	Code / Flow Rate					Outer-thread
For Grease NLGI grades 0 ~ 000	CPS	1	2	3	4	5	M8*PT1/8
	CPB	1	2	4	8	16	M8*M8

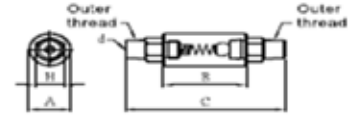
Specification	Model	Code / Flow Rate					Outer-thread
<ul style="list-style-type: none"> One way flow with reverse stopper. For large and small volume use Suitable for oil use 	PTT	1	2	3	4	5	PT1/8*PT1/8
	CPT						M8*PT1/8
	1. CPV Standard 2. CPV With Nipple	1	2	4	8	16	M8*M8

Specification	Model	Code / Flow Rate					Outer-thread	
<ul style="list-style-type: none"> One way flow with reverse stopper. For large volume use Suitable for oil use 	ST	0	1	2	3	4	5	M8*PT1/8
	SS	2	4	8	16	32	64	M8*M8



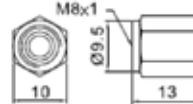
TRANSPARENT DÜZ ADAPTÖR

Model	Outer-thread	d	H
DV-5	PT1/8*PT1/8	Ø2.5	10
DV-10	PT1/4*PT1/4	Ø5	17



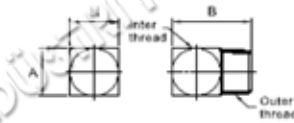
BORU & HORTUM BAĞ. APARATI (DIŞI SOMUN)

Model	Inter-thread
PR-08	M8*P1.0



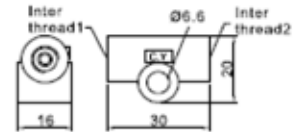
DİRSEK BAĞLANTI

Model	A	B	Inter-thread	Outer-thread
PI-101	12.7	21	PT1/8	PT1/8
PI-401			M8*P1.0	
PI-408			M8*P1.0	M8*P1.0
PI-601			M10*P1.0	
PI-1011	12	20	PT1/8	PT1/8
PI-1061			PT1/8	M6*P1.0
PI-4061			M8*P1.0	



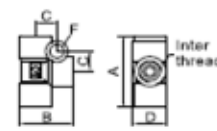
GEÇİŞLİ NİPEL

Model	Bore	Inter-thread	
JD-4	Ø4	M8*P1.0	
JD-6	Ø6	M10*P1.0	
Model	Bore	Inter-thread	Inter-thread2
JD-601 (2Way Junction)	Ø6	M10*P1.0	PT1/8
JD-406 (2Way Junction)	Ø4*Ø6	M8*P1.0	M10*P1.0



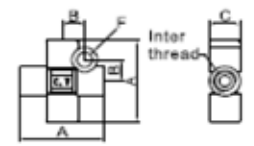
TE (3 Way Junc.)

Model	Bore	A	B	Inter-thread
PKD-4	Ø4	29	19,50	M8*P1.0
PKD-6	Ø6	34	24	M10*P1.0
PKD-8	Ø8	42	31	M14*P1.5
PKD-10	Ø10	51	37	M16*P1.5



KRUVA

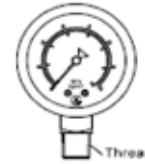
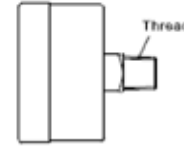
Model	Bore	A	B	Inter-thread
PJD-4	Ø4	30	8	M8*P1.0
PJD-6	Ø6	34	9	M10*P1.0
PJD-8	Ø8	41.5	12	M14*P1.5


VERTICAL JUNC.

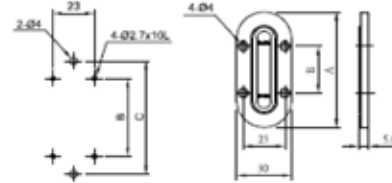
Model	Outlet Num.	Bore	Inter-thread
PHD-301	3	Ø4	M8*P1.0
PHD-401	4		
PHD-501	5		


MANOMETRE GRUBU / PRESSURE GAUGE

Model	Specification	Ölçü
M06001	7 kgf/cm ²	PT 1/8" Kuru tip arka çıkış
M06003	15 kgf/cm ²	
M06009	35 kgf/cm ²	
M06010	35 kgf/cm ²	PT 1/8" Kuru tip alt çıkış
M06013	40 kgf/cm ²	PT 1/8" Gliserinli arka çıkış
M06029	14 kgf/cm ²	
M06030	70 kgf/cm ²	


OIL WINDOW (SEVİYE GÖSTERGESİ)

Model	A	B
M11001 (Small)	65	27
M11003 (Big)	98	45


FIRÇA

Model	Int.thread
M25006-1	M8*P1.0 Ø4
M25006-1S With Ø4 Compression Sleeve and Bushing	
M25006	M10*P1.0 Ø6
M25006S With Ø6 Compression Sleeve and Bushing	


SWIVEL FITTINGS

Model	A	B
SI300400	M8xP1.0	M8xP1.0
SI300600	M10xP1.0	M10xP1.0


GREASE NIPPLE

Model	Outerthread	Angle
PJ000600	M6xP1.0	Straight
PJ000645		45°
PJ000690		90°
PJ000800	M8xP1.0	Straight
PJ000845		45°
PJ010890		90°
PJ010100	PT1/8	Straight
PJ010145		45°
PJ010190		90°
PJ010200	PT1/4	Straight
PJ010245		45°
PJ010290		90°



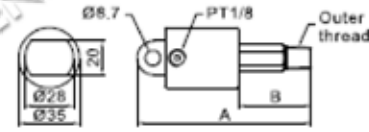
90°

45°

Straight

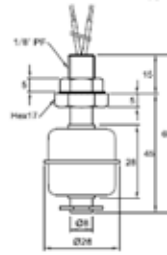
SWIVEL (DÖNER REKOR)

Model	Outer-Thread	A	B
PWN-130	PT1/8	88	30
PWN-142		100	42
PWN-160		118	6
PWN-230	PT1/4	88	30
PWN-242		100	42
PWN-260		118	60


FLOAT SWITCH (SEVİYE ŞALTERİ)

Order Code	Model	Outer-Thread	Specification	Ballcock	Suitable S.G	Suitable Temperature
DA01D004	M21004	1/8" PF	Galvanized Iron Ballcock, NC Contact	Galvanized Iron SUS304	0.7	-20~120°C
DA00D002	M21005	M8*P1.25	White Ballcock, NO Contact	EVA/PE	1.0	-10~80°C
DA00D003	M21006	M8*P1.25	White Ballcock, NC Contact			
DA00D001	M21001	1/8" PF	White Ballcock, NO Contact	Poly-propylene	0.7	-20~80°C
DA01D001	M21002		Black Ballcock, NC Contact			
DA10D001	S21005		Black Ballcock, with 85mm Float Pillar, NO Contact			
DA11D001	S21006		Black Ballcock, with 85mm Float Pillar, NC Contact			

Maks Switch Curent- 0.5A Maks. Charging Current- 1.A


SOCKET PRESSURE SWITCH (SOKET TIP BASINÇ SWITCH)

Order Code	Model	Specification	Operation Pressure	Max. Current/ Voltage	Suitable Temp.
DB00A001	20142	NO 1±0.2 kg/cm ²	ON 1.2; OFF 0.8 kg/cm ²	3.5A, DC12V	-20~100°C
DB00A002	20163-5	NO 3.5±0.5 kg/cm ²	ON 4; OFF 2.5 kg/cm ²		
DB00A003	20140	NO 8±1.0 kg/cm ²	ON 8; OFF 6 kg/cm ²		
DB00A004	PS6080	NO 8±0.3 kg/cm ²		3.75A, AC240V	-20~125°C
DB01A001	20143	NC 1±0.2 kg/cm ²	ON 0.8; OFF 1.2kg/cm ²	3.5A, DC12V	-20~100°C
DB01A002	20163	NC 3.5±0.5 kg/cm ²	ON 2.5; OFF 4 kg/cm ²		
DB01A003	20141	NO 8±1.0 kg/cm ²	ON 6; OFF 8 kg/cm ²		
DB01A004	PS8060	NO 8±0.3 kg/cm ²	ON 6; OFF 0.8 kg/cm ²	3.75A, AC240V	-35~125°C
DB01A006	PS1411	NO 14±0.5 kg/cm ²	ON 11; OFF 14kg/cm ²		

OuterThread- PT 1/8 Max. Pressure- 35kg/cm² Connection Type- Push- On Type

FIXED OIL FILTER

Model	Mesh
PEF	100


OIL FILTER (YAĞ FİLTRELERİ)

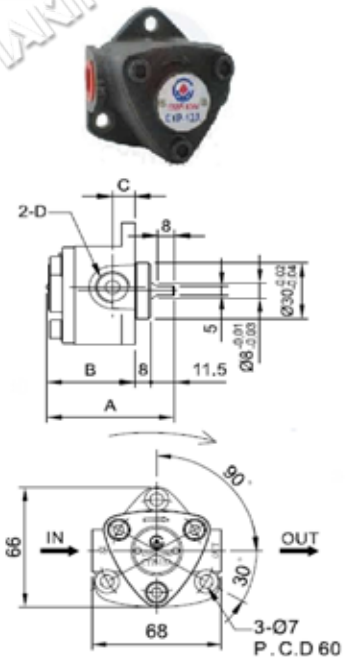
Model	Specification	Max.Pres.	Mesh	A	B	C
FL-2	PT 1/4*PT1/4	10 kgf/cm ²	100	152	88	Ø65
FL-3	PT 3/8*PT3/8					
A-101-1	PT 1/8*PT1/8	10 kgf/cm ²	40	105	83	51.5
A-101-2		30 kgf/cm ²	400			
A-101-3		40				



ROTARY OIL PUMP (CLOCKWISE or ANTI-CLOCKWISE)

Model	Dis.Volume (L/min)		R.P.M	A	B	C	D
	1420 rpm	1720 rpm					
CYP-10A	1.1	1.4	1420~1720	56.5	37	11	PT1/8
CYP-11A-1	2.2	2.7					
CYP-11A-2							
CYP-12A	3.7	4.5	450~1200	62.5	43		PT1/4
CYP-12L	3.4	4.2					
CYP-13A	6.5	7.9	1420~1720	77.5	58	13.5	PT3/8

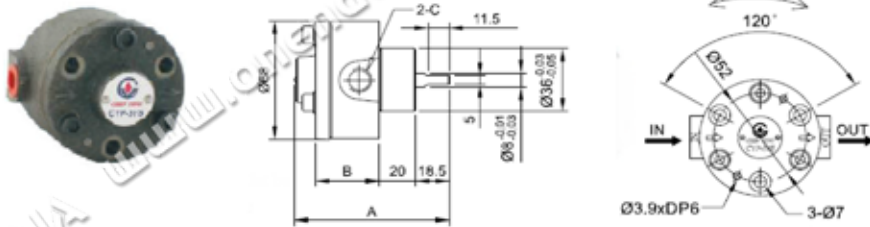
Max. Pressure - 5kgf/cm²



REVERSIBLE OIL PUMP (CLOCKWISE or ANTI-CLOCKWISE)

Model	Dis.Volume (L/min)		A	B	D
	1420 rpm	1720 rpm			
CYP-1FS	1.7	2.0	85	35	PT1/4
CYP-2FS	2.7	3.2	89	39	
CYP-3FS	3.7	4.5	93	43	

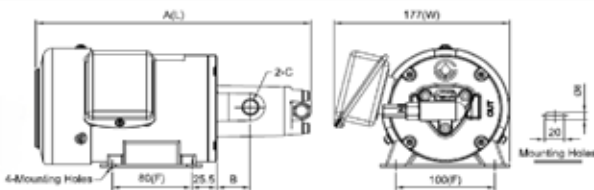
R.P.M - 2000 Max. Pressure - 5kgf/cm²



PMO-1 & PMO-2 INTEGRATED MOTOR WITH OIL PUMP

Model	With Adj. Pres. Valve	A	B	C	Discharge Volume (L/min)		Max. Pressure
					1420rpm	1720rpm	
CYP-12A	O	265	37	PT1/4	3.7	4.5	5kgf/cm ²
	X	249					
CYP-13A	O	277	34	PT3/8	6.5	7.9	
	X	261					

R.P.M - 1420~1720 rpm



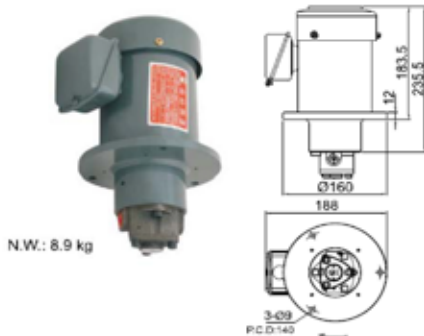
1/4HP Integrated Motor with Oil Pump Externals (With Rotary Oil Pump and Pressure Valve)

PMO-1	02	D	12
Integrated Motor W/Oil Pump	Motor 02: 1/4HP	Voltage	Pump Model
		A: 1Ø110V	12: 12A
		C: 1Ø220V	13: 13A
		D: 3Ø220/380V	
		E: 3Ø220/440V	
		F: 3Ø208/415V	
		G: 3Ø216/460V	
		H: 3Ø240/480V	
		X: Special Voltage	

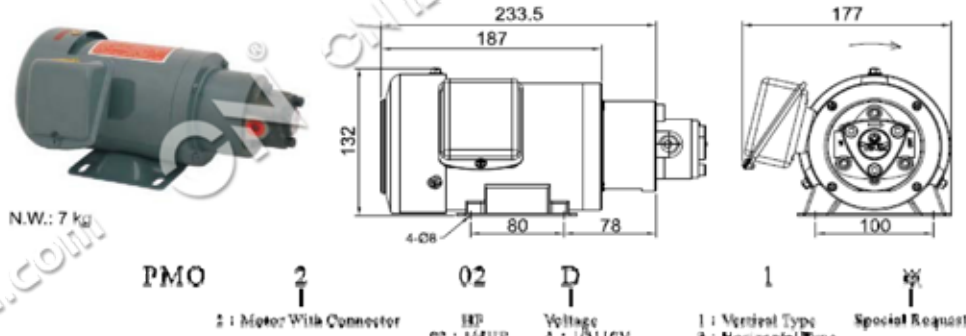
1: With Pressure Valve
2: Without Pressure Valve
* Special Request
B: Pump With Bearings

VERTICAL MOTOR WITH CONNECTOR

HORIZONTAL MOTOR WITH CONNECTOR



N.W.: 8.9 kg



N.W.: 7 kg

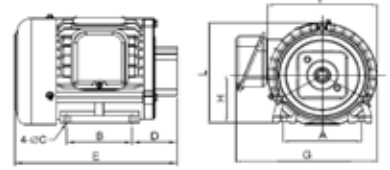
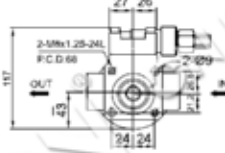
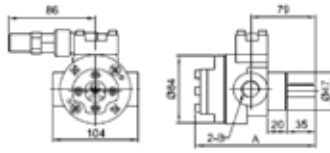
PMO	2	02	D	1
Motor With Connector	HP 02: 1/4HP	Voltage		Special Request
		A: 1Ø110V		
		C: 1Ø220V		
		D: 3Ø220V/380V		
		E: 3Ø220V/440V		
		F: 3Ø208V/415V		
		G: 3Ø216/460V		
		H: 3Ø240/480V		
		X: Special Voltage		

1: Vertical Type
2: Horizontal Type

ADJUSTABLE PRESSURE VALVE

Model	Adjustable Pressure Range
CYP-AV (Assembled with cyp-10A~13A)	0~5kgf/cm ²
CYP-HA (Assembled with cyp-204~220)	0~10kgf/cm ²





CYP20-204~CYP-210 HEAVY OIL PUMP

Model	Discharge Volume (L/min)		Max. Pressure	R.P.M	A Length (mm)	B Bore	With Adj. Pres. Valve	Without Adj. Pres. Valve
	1420rpm	1720rpm					Motor Type	
CYP-204	7.5	9.0	20 kgf/cm ²	450~2000 rpm	141	PT 1/2	1/2 HP	1 HP
CYP-206	11.3	13.5			146	PT 3/4		
CYP-208	15.3	18.5			151			
CYP-210	19.0	23.0			156	PT1,PT3/4	1 HP	2 HP
CYP-212	21.9	26.5			161			
CYP-216	29.3	35.5			171			
CYP-220	34.3	41.5			181	PT 1		

Connecting Horizontal Motor with cast iron frame Q3 faz 380V 1/2 HP 0,37 kW

CYP-204

Model
204
206
208
210
212
216
220

I
1 : With Adjustable Pressure Valve
0 : Without Adjustable Pressure Valve

04
Motor
04 : 1/2HP
08 : 1HP
16 : 2HP
24 : 3HP

C
Voltage
A : 1Ø110V
C : 1Ø220V
D : 3Ø220/380V
E : 3Ø220/440V
F : 3Ø208/415V
G : 3Ø230/460V
H : 3Ø240/480V
X : Special Voltage

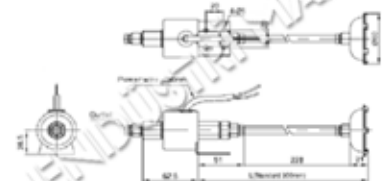
✳
Special Request
T : Fixed-Hole Direction/
K : Fixed-Hole size 112x90 mm
H : Add a heavy oil pump holder
M : Change motor to TECO motor



Connecting Horizontal Motor

ELECTRO MAGNETIC PUMP

Model	Motor	Operation Pressure	Suction Pressure	Viscosity	Voltage	Dis. Bore	Function	Max. Volume
EL-1	25W	0.8~1.2 kgf/cm ²	30cm Hg ± 5cm Hg	32-68 cSt40°C	110V	Ø4xPT 1/8	Vol.Fixed	300cc/min
EL-2					220V	Ø6xPT 1/8	Vol.Adjus	



GA-25, GA-60 GEAR PUMP (DISI POMPA)

Model	Motor	Max. Volume	Max. Pressure	Voltage	Ampere	Dis. Bore	Herz	Viscosity
GA-25 Resist. Type	25W	250cc/ min.	12kgf/cm ²	1Ø110V	0.7 A	Ø4 or Ø6	50/60HZ	32-68 cSt40°C
				1Ø220V	0.2 A			
				3Ø220V	0.3 A			
GA-60 Resist. Type	60W	500cc/ min.	30kgf/cm ²	1Ø110V	*	Ø4 or Ø6	50/60HZ	32-68 cSt40°C
				1Ø220V	*			
				3Ø220V	*			



GA-25 Motor+ Pompa



GA-60 Motor+ Pompa

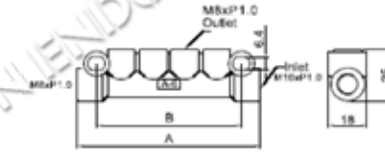


GA-25 Motor 110/220V

A TYPE DISTRIBUTOR

Model	Outlet	A (mm)	B (mm)	Inlet Bore ϕ 4 N.W.(g)	Inlet Bore ϕ 6 N.W.(g)
A-4	3	47	34	70	68
A-5	4	62	50	86	83
A-6	5	82	60	110	108
A-7	6	92	78	125	120
A-8	7	107	93	131	127
A-9	8	122	108	158	157
A-10	9	137	123	175	170
A-12	11	167	152	201	200

Inlet Bore - ϕ 6(M10xP1.0) ϕ 4(M8xP1.0) Outlet Bore - ϕ 4 (M8xP1.0)



A-6

Outlet Number
4 : 3 Outlets
5 : 4 Outlets
6 : 5 Outlets
7 : 6 Outlets

8 : 7 Outlets
9 : 8 Outlets
10 : 9 Outlets
12 : 11 Outlets

Inlet Bore
4 : ϕ 4
6 : ϕ 6

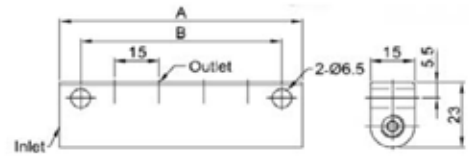
Outlet Bore
4 : ϕ 4
6 : ϕ 6 (Only A-4-A-6)

S: With Compression Bushing and Sleeve

UA TYPE DISTRIBUTOR

Order Code	Model	Outlet Num.	A (mm)	B (mm)
UA04112101	UA-4	3	47	34
UA05112101	UA-5	4	62	50
UA06112101	UA-6	5	82	68
UA08112101	UA-8	7	107	93

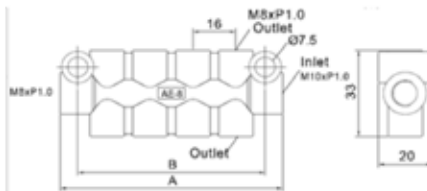
Inlet Bore - ϕ 6 (M10xP1.0) Outlet Bore - ϕ 4 (M8xP1.0)



AE TİPİ ÇİFT YÖNLÜ DAĞITICI

Model	Outlet Num.	A (mm)	B (mm)	Inlet Bore ϕ 4 N.W.(g)	Inlet Bore ϕ 6 N.W.(g)
AE-4	5	48	35	73	71
AE-6	7	65	51	103	101
AE-8	9	83	70	128	124
AE-10	11	97	83	151	148
AE-12	13	112	98	179	171

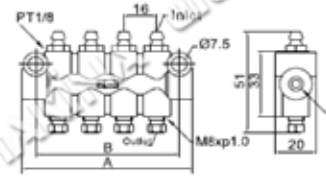
Inlet Bore - ϕ 6(M10xP1.0) ϕ 4(M8xP1.0) Outlet Bore - ϕ 4 (M8xP1.0)



AE TYPE ADJUSTABLE DISTRIBUTOR

Model	Outlet Num.	A (mm)	B (mm)
AE-41	2	48	35
AE-61	3	65	51
AE-81	4	83	70
AE-101	5	97	83
AE-121	6	112	99

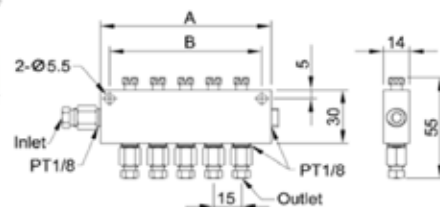
Inlet Bore - Grease Nipple Outlet Bore - M8xP1.0 ϕ 4



B TİPİ İĞNE VANA DAĞITICI

Model	Outlet Num.	A (mm)	B (mm)	Inlet Bore ϕ 4 N.W. (g)	Inlet Bore ϕ 6 N.W. (g)
B-2	2	47	37	96	99
B-3	3	62	52	127	130
B-4	4	77	67	159	162
B-5	5	92	82	189	192
B-6	6	107	97	221	224
B-7	7	122	112	251	254
B-8	8	137	127	283	286
B-9	9	152	142	313	316
B-10	10	167	157	343	346
B-11	11	182	172	374	377
B-12	12	197	187	404	407

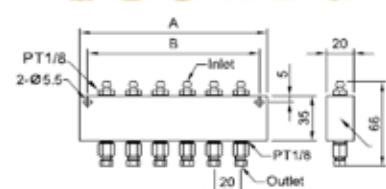
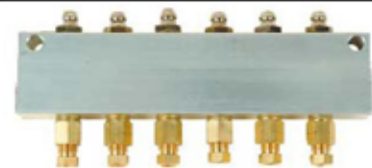
Inlet Bore - ϕ 6(M10xP1.0) or ϕ 4(M8xP1.0)
Outlet Bore - ϕ 4(M8xP1.0) or ϕ 6(M10xP1.0)



BB-TYPE ADJUSTABLE DISTRIBUTOR

Model	Outlet Num.	A (mm)	B (mm)
BB-2	2	60	50
BB-3	3	80	70
BB-4	4	100	90
BB-5	5	120	108
BB-6	6	140	127
BB-7	7	160	148
BB-8	8	180	168
BB-10	10	200	208

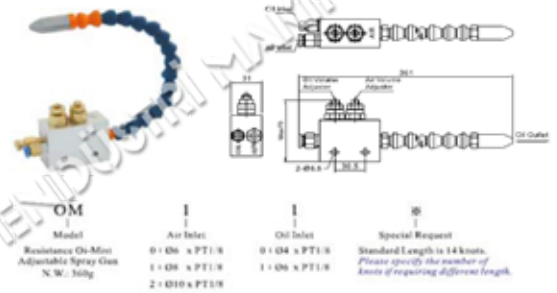
Inlet Bore - Grease Nipple Outlet Bore - ϕ 4 & ϕ 6



OM TYPE ADJ. (AYARLANABİLİR) OIL-AIR VOLUME DISTRIBUTOR

Model	Outlet Num.	Discharge Volume	Oil Pres.	Air Pres.
OM-1	1	0.01 cc.	20 kgf/cm ² to	3,5 kgf/cm ² to
OM-2	2	0.03 cc.		
OM-3	3	0.06 cc.	30 kgf/cm ²	7 kgf/cm ²
OM-4	4	0.10 cc.		
OM-5	5	0.16 cc.		

Inlet Bore - M10*P1.0 Ø6 Outlet Bore - M8*P1.0 Ø4


CO TYPE FIXED (SABİT) OIL-AIR VOLUME DISTRIBUTOR

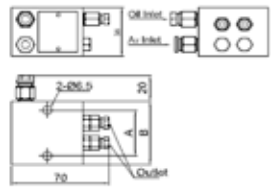
Model	Outlet Num.	Oil Inlet	Air Inlet	Outlet Bore	A (mm)	B (mm)	Discharge Volume	Function
CO-1	1	M10xP1.0 Ø6	Ø6 *PT1/8 Ø8 *PT1/8	M8*P1.0 Ø4	20	34	0.03 cc.	Air Volume Fixed
CO-2	2				36	50	0.06 cc.	
CO-3	3				52	66	0.10 cc.	
CO-4	4				68	82	0.16 cc.	
CO-5	5				84	98	0.16 cc.	

CO-1 Oil-Air Spray Gun
Oil Pres. - 15kgf/cm² to 30kgf/cm² Air Pres. - 4kgf/cm² to 7kgf/cm²
14 knots

CO-4 - 1 2 3 4

Outlet Num.	First Outlet Volume	Second Outlet Volume	Third Outlet Volume	Fourth Outlet Volume
1 : 1 Outlet	1 : 0.03cc	1 : 0.03cc	1 : 0.03cc	1 : 0.03cc
2 : 2 Outlets	2 : 0.06cc	2 : 0.06cc	2 : 0.06cc	2 : 0.06cc
3 : 3 Outlets	3 : 0.10cc	3 : 0.10cc	3 : 0.10cc	3 : 0.10cc
4 : 4 Outlets	4 : 0.16cc	4 : 0.16cc	4 : 0.16cc	4 : 0.16cc
5 : 5 Outlets				

(Please specify each outlet's volume while ordering.)


OA TYPE FIXED (SABİT) OIL-AIR VOLUME DISTRIBUTOR

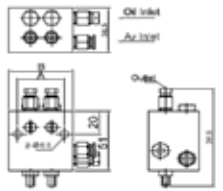
Model	Outlet Num.	Oil Inlet	Air Inlet	Outlet Bore	A (mm)	B (mm)	Discharge Volume	Function
OA-1	1	M10xP1.0 Ø6	Ø6 *PT1/8 Ø8 *PT1/8	M8*P1.0 Ø4	20	34	0.03 cc.	Air Volume Fixed
OA-2	2				36	50	0.06 cc.	
OA-3	3				52	66	0.10 cc.	
OA-4	4				68	82	0.16 cc.	
OA-5	5				84	98	0.16 cc.	

Oil Pres. - 15kgf/cm² to 30kgf/cm² Air Pres. - 4kgf/cm² to 7kgf/cm²

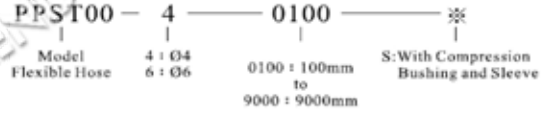
OA-4 - 1 2 3 4

Outlet Num.	First Outlet Volume	Second Outlet Volume	Third Outlet Volume	Fourth Outlet Volume
1 : 1 Outlet	1 : 0.03cc	1 : 0.03cc	1 : 0.03cc	1 : 0.03cc
2 : 2 Outlets	2 : 0.06cc	2 : 0.06cc	2 : 0.06cc	2 : 0.06cc
3 : 3 Outlets	3 : 0.10cc	3 : 0.10cc	3 : 0.10cc	3 : 0.10cc
4 : 4 Outlets	4 : 0.16cc	4 : 0.16cc	4 : 0.16cc	4 : 0.16cc
5 : 5 Outlets				

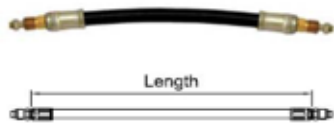
(Please specify each outlet's volume while ordering.)


FLEXIBLE HOSE

Order Code	Pipe Dia.	Length	Max. Pressure	Suitable Lubricant
PPST00	Ø4~Ø6	100mm~9000mm	40 kg/cm ²	Oil



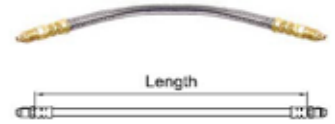
Ornek Fiyat	Boyut
PPST00-4-0100	Ø4 - 100mm
PPST00-4-0500	Ø4 - 500mm
PPST00-6-0100	Ø6 - 100mm
PPST00-6-0500	Ø6 - 500mm


HIGH PRESSURE FLEXIBLE HOSE

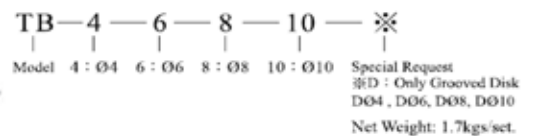
Order Code	Pipe Dia.	Length	Max. Pressure
PPST30	Ø4~Ø6	200mm~5000mm	300kg/cm ²

FLEXIBLE METALLIC HOSE

Order Code	Pipe Dia.	Length	Max. Pressure	Suitable Lubricant
PPST40	Ø4~Ø6	100mm~9000mm	70kg/cm ²	Grease/Oil


MANJEL MULTIPLE TUBE BENDER (BORU BÜKME APARATI)

Model	Size
TB-4-6-8-10	Ø4 - Ø10



CAB TYPE DOZAJLI DAĞITICILAR

Model	Outlet Num.	Inlet Bore	Outlet Bore	A B C			Discharge Volume
				(mm)			
CAB-1	1	PT1/8	M8*P1.0 Ø4	Ø13.5	/	50	0.03 cc 0.06 cc 0.10 cc 0.16 cc
CAB-1	1	M8*P1.0 (Ø4)				52	
CAB-2	2	M10*P1.0 (Ø6)		47	33	60	
CAB-3	3			62	48		
CAB-5	5			92	78		
CAB-6	6			107	93		
CAB-8	8			151	102		

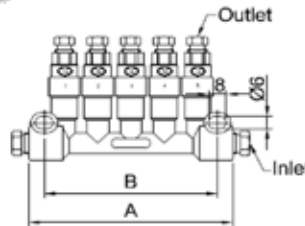
Operation Pressure Range - 10kgf/cm² to 30 kgf/cm²



CAB-1 (M8, PT1/8)

CAB-5

Outlet Num.	First Outlet Volume	Second Outlet Volume	Third Outlet Volume	Fourth Outlet Volume	Fifth Outlet Volume
1 : 1 Outlet	1 : 0.03cc	1 : 0.03cc	1 : 0.03cc	1 : 0.03cc	1 : 0.03cc
2 : 2 Outlets	2 : 0.06cc	2 : 0.06cc	2 : 0.06cc	2 : 0.06cc	2 : 0.06cc
3 : 3 Outlets	3 : 0.10cc	3 : 0.10cc	3 : 0.10cc	3 : 0.10cc	3 : 0.10cc
5 : 5 Outlets	4 : 0.16cc	4 : 0.16cc	4 : 0.16cc	4 : 0.16cc	4 : 0.16cc
6 : 6 Outlets					
8 : 8 Outlets					



Standard CAB-5 type Volume Distributor

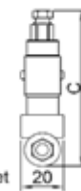
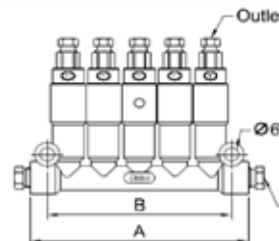
CBB TYPE DOZAJLI DAĞITICILAR

Model	Outlet Num.	Inlet Bore	Outlet Bore	A B C			Discharge Volume
				(mm)			
CBB-1	1	M10*P1.0	M8*P1.0 Ø4	Ø15	/	75	0.10cc
CBB-2	2			53	37	80	0.20cc
CBB-3	3			70	54		0.30cc
CBB-5	5			104	88		0.40cc
							0.50cc

Operation Pressure Range - 8kgf/cm² to 30 kgf/cm²

CBB-5

Outlet Num.	First Outlet Volume	Second Outlet Volume	Third Outlet Volume	Fourth Outlet Volume	Fifth Outlet Volume
1 : 1 Outlet	1 : 0.1cc	1 : 0.1cc	1 : 0.1cc	1 : 0.1cc	1 : 0.1cc
2 : 2 Outlets	2 : 0.2cc	2 : 0.2cc	2 : 0.2cc	2 : 0.2cc	2 : 0.2cc
3 : 3 Outlets	3 : 0.3cc	3 : 0.3cc	3 : 0.3cc	3 : 0.3cc	3 : 0.3cc
5 : 5 Outlets	4 : 0.4cc	4 : 0.4cc	4 : 0.4cc	4 : 0.4cc	4 : 0.4cc
	5 : 0.5cc	5 : 0.5cc	5 : 0.5cc	5 : 0.5cc	5 : 0.5cc



Standard CBB-5 Type Volume Distributor

CCB-1 TYPE LARGE VOLUME PISTON DISTRIBUTOR

Model	Outlet	Inlet Bore	Outlet Bore	Discharge Volume	Mark on the Appearance
CCB-1	1	Outer Thread PT1/4	M8*P10 (Ø4)	1.0cc	2 Grooves
				1.5cc	3 Grooves



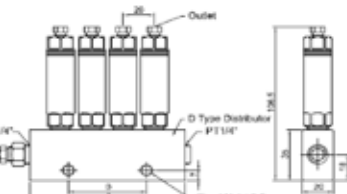
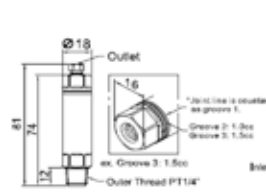
CCB TYPE LARGE VOLUME PISTON DISTRIBUTOR

CCB Distributor		Inlet Bore	Outlet Bore	A mm	B mm
Model	Outlet				
CCB-2	2	PT1/4	Ø4	60	30
CCB-3	3			80	30
CCB-4	4			100	50
CCB-5	5			120	70
CCB-6	6			140	90
CCB-7	7			160	110
CCB-8	8			180	130



CCB-4-6

Outlet	First Outlet Volume	Second Outlet Volume	Third Outlet Volume	Fourth Outlet Volume
1 : 1 outlet to 8 : 8 outlets	6 : 1.0cc 7 : 1.5cc	6 : 1.0cc 7 : 1.5cc	6 : 1.0cc 7 : 1.5cc	6 : 1.0cc 7 : 1.5cc



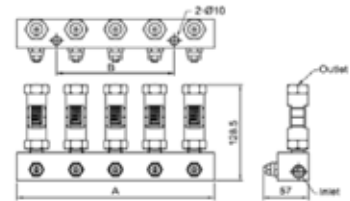
CCB-1

CCB-4 Type Large Volume Piston Distributor

BS TYPE TRANSPARENT ADJUSTABLE DISTRIBUTOR

Model	Outlet	A (mm)	B (mm)	Discharge Volume	Operation Pressure
BS-1	1	70	50	Each discharge Volume is adj. From 1~2L/min	8kgf/cm ² to 30kgf/cm ²
BS-2	2	120	100		
BS-3	3	150	50		
BS-4	4	200	100		
BS-5	5	250	149		
BS-6	6	300	200		

Inlet Bore - PT3/8 Outer Bore - PT3/8 Tempeture Endurance - 80°C



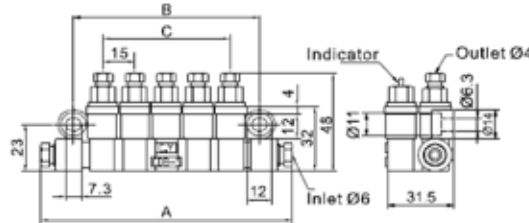
CDB TYPE PISTON DISTRIBUTOR

Model	Outlet	A (mm)	B (mm)	C (mm)	Discharge Volume	Operation Pressure
CDB-1	1	59	28		0.1cc, 0.2cc	8kgf/cm ² to 30kgf/cm ²
CDB-2	2	74	43	15	0.3cc, 0.4cc	
CDB-3	3	89	58	30	0.5cc	
CDB-4	4	104	73	45		
CDB-5	5	119	88	60		

Inlet Bore - M10*P1.0 Ø6 Outer Bore - M8*P1.0 Ø4



Outlet Number	First Outlet Volume	Second Outlet Volume	Third Outlet Volume	Fourth Outlet Volume	Fifth Outlet Volume
1 : 1 Outlet	1 : 0.1cc	1 : 0.1cc	1 : 0.1cc	1 : 0.1cc	1 : 0.1cc
2 : 2 Outlets	2 : 0.2cc	2 : 0.2cc	2 : 0.2cc	2 : 0.2cc	2 : 0.2cc
3 : 3 Outlets	3 : 0.3cc	3 : 0.3cc	3 : 0.3cc	3 : 0.3cc	3 : 0.3cc
4 : 4 Outlets	4 : 0.4cc	4 : 0.4cc	4 : 0.4cc	4 : 0.4cc	4 : 0.4cc
5 : 5 Outlets	5 : 0.5cc	5 : 0.5cc	5 : 0.5cc	5 : 0.5cc	5 : 0.5cc



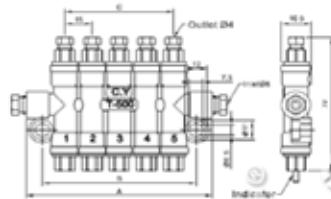
T TYPE PISTON DISTRIBUTOR

Model	Outlet	A (mm)	B (mm)	C (mm)	Discharge Volume	Operation Pressure
T-200	2	58	40	15	0.1 cc	8kgf/cm ² to 30kgf/cm ²
T-300	3	73	55	30	0.2 cc	
T-400	4	88	70	45	0.3 cc	
T-500	5	103	85	60	0.4 cc	
T-600	6	118	100	75	0.5 cc	
T-700	7	133	115	90		

Inlet Bore - M10*P1.0 Ø6 Outer Bore - M8*P1.0 Ø4

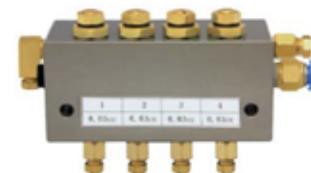


Outlet Number	First Outlet Volume	Second Outlet Volume	Third Outlet Volume	Fourth Outlet Volume	Fifth Outlet Volume
200 : 2 Outlets	1 : 0.1cc	1 : 0.1cc	1 : 0.1cc	1 : 0.1cc	1 : 0.1cc
300 : 3 Outlets	2 : 0.2cc	2 : 0.2cc	2 : 0.2cc	2 : 0.2cc	2 : 0.2cc
400 : 4 Outlets	3 : 0.3cc	3 : 0.3cc	3 : 0.3cc	3 : 0.3cc	3 : 0.3cc
500 : 5 Outlets	4 : 0.4cc	4 : 0.4cc	4 : 0.4cc	4 : 0.4cc	4 : 0.4cc
600 : 6 Outlets	5 : 0.5cc	5 : 0.5cc	5 : 0.5cc	5 : 0.5cc	5 : 0.5cc
700 : 7 Outlets					

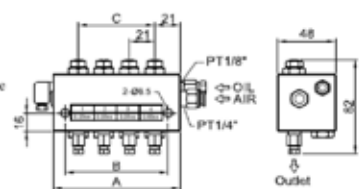


OC TYPE OIL-AIR VOLUME DISTRIBUTOR

Model	Outlet	A (mm)	B (mm)	C (mm)	Discharge Volume	Mark
OC-2	2	63	43	21	0.01 cc	01
OC-3	3	84	64	42	0.03 cc	03
OC-4	4	105	85	63	0.06 cc	06
OC-5	5	126	106	84	0.10 cc	10
OC-6	6	147	127	105	0c16 cc	16



Outlet Numbers	First Outlet Volume	Second Outlet Volume	Third Outlet Volume	Fourth Outlet Volume
2 : 2Outlets	1:0.01cc	1:0.01cc	1:0.01cc	1:0.01cc
3 : 3Outlets	2:0.03cc	2:0.03cc	2:0.03cc	2:0.03cc
4 : 4Outlets	3:0.06cc	3:0.06cc	3:0.06cc	3:0.06cc
5 : 5Outlets	4:0.10cc	4:0.10cc	4:0.10cc	4:0.10cc
6 : 6Outlets	5:0.16cc	5:0.16cc	5:0.16cc	5:0.16cc



CV TYPE PROGRESSIVE FEEDERS for GREASE

Model	Outlet	Inlet Bore	Outer Bore	L (mm)	Discharge Volume	Operation Pressure Range
CV-6	6	Standards Ø6; Ø8 Optional	Standards Ø4 Ø6 Optional	60	0.18cc	Grease; 15~150kgf/cm ² Oil; 5~30kgf/cm ²
CV-8	8			75		
CV-10	10			90		
CV-12	12			105		
CV-14	14			120		
CV-16	16			135		
CV-18	18			150		
CV-20	20			165		

CV-12 — 6 — 4 — 0 — ※

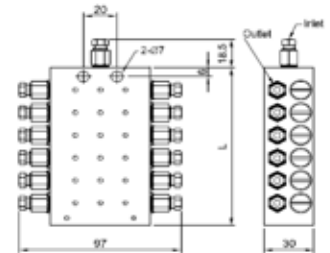
Outlet Number
6 : 6 Outlets
8 : 8 Outlets
10 : 10 Outlets
12 : 12 Outlets
14 : 14 Outlets
16 : 16 Outlets
18 : 18 Outlets
20 : 20 Outlets

Inlet Bore
6 : Ø6
8 : Ø8
10 : Ø6 Quick Coupling
12 : Ø8 Quick Coupling
14 : Ø6 Quick Coupling
16 : Ø8 Quick Coupling
18 : Ø6 Quick Coupling
20 : Ø8 Quick Coupling

Outlet Bore
4 : Ø4
6 : Ø6
8 : Ø4 Quick Coupling
10 : Ø6 Quick Coupling

Lubricant
0 : Oil Use
1 : Grease Use

Special Request
※S : Add Sensor Switch
※B : Add Proximity Switch



CV-12 Progressive Feeder Diagram



CV-12 Progressive Feeder



CV+Quick Coupling



CV Type With Sensor Switch



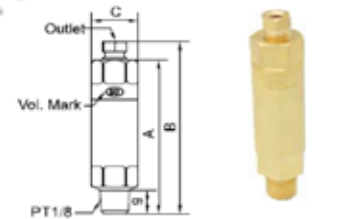
Sensor Switch for grease use
Proximity Switch for oil use

CEB TYPE VOLUME DISTRIBUTOR for soft GREASE

Model	Outlet	Outer-Thread	Outlet Bore	Discharge Volume	Mark	A mm	B mm	C mm
CEB01	1	PT1/8	M8*P1.0 (Ø4)	0.03cc	03	54	62	Ø13.6
				0.06cc	06			
				0.10cc	10			
				0.16cc	16			
				0.20cc	20	58	65	Ø15.8
				0.30cc	30			
				0.40cc	40			
				0.50cc	50			

CEB TYPE VOLUME DISTRIBUTOR for soft GREASE + C TYPE DISTRIBUTOR for soft GREASE

C Type Disbutor		Inlet Bore	Outlet Bore	F mm	G mm
Type	Outlet				
C-02	2	PT1/8	M8xP1.0 (Ø4)	50	0
C-03	3			70	20
C-04	4			90	40
C-05	5			110	60
C-06	6			130	80
C-07	7			150	100
C-08	8			170	120
C-09	9			190	140
C-10	10			210	160
C-11	11			230	180
C-12	12			250	200



CEB-05 — 5 — 4 — 0 — 3 — 6 — 6

Outlet Number
01 : 1 Outlets
to
12 : 12 Outlets

First Outlet Volume
0:blocked
1:0.03cc
2:0.06cc
3:0.10cc
4:0.16cc
5:0.20cc
6:0.30cc
7:0.40cc
8:0.50cc

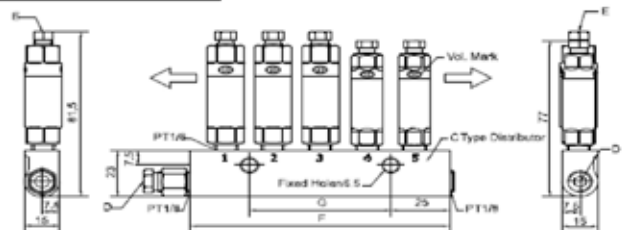
Second Outlet Volume
0:blocked
1:0.03cc
2:0.06cc
3:0.10cc
4:0.16cc
5:0.20cc
6:0.30cc
7:0.40cc
8:0.50cc

Third Outlet Volume
0:blocked
1:0.03cc
2:0.06cc
3:0.10cc
4:0.16cc
5:0.20cc
6:0.30cc
7:0.40cc
8:0.50cc

Fourth Outlet Volume
0:blocked
1:0.03cc
2:0.06cc
3:0.10cc
4:0.16cc
5:0.20cc
6:0.30cc
7:0.40cc
8:0.50cc

Fifth Outlet Volume
0:blocked
1:0.03cc
2:0.06cc
3:0.10cc
4:0.16cc
5:0.20cc
6:0.30cc
7:0.40cc
8:0.50cc

Inlet Bore
6 : Ø6 Straight Adapter
8 : Ø8 Straight Adapter
O : Other request, please specify it
(Standard is blocked one-side inlet bore)



CESP TYPE RESISTANCE ELECTRIC LUBRICATOR

Model	Act Time	Invertal Time	Max. Volume	Max. Pressure	1ØVoltage	Ampere	Hertz	Discharge Bore	Pressure Gauge	Oil Viscosity
CESP	2,3,5,10, 15,20,25, 30 sec (Optional)	3,5,10,15, 20,30,60, 180 min (Optional)	130cc/mm	10kgf/cm ²	110V 220V	1.5 A 1.0 A	60 Hz or 50 Hz	Ø4 or Ø6	Optional	32-68cSt@ 40°C

Motor Output Watt - 20±3W

Model	Tank Code	Tank Material	Capacity Liters	Fixed Hole Distance(mm)	Lenght	Width	Height
						(mm)	(mm)
CESP	01	Resin	2L	145	201	130	233
	02	Aluminum		95 x 200			
	03	Resin	3L	205	230	167	239
	04			250			
	05	Aluminum	4L	95 x 280	297	170	252
	08	Iron		95 x 338			



CESP-01 Standard

CESP SINGLE PHASE WIRING DIAGRAM

Abnormal Output			Ground	Power
NO(A)	NC(B)	COM	GND(P.E)	POWER
⊕	⊕	⊕	⊕	⊕ ⊕

CESP **01** **C** **1** **2** *

 Tank Capacity (Material) Voltage Discharge Bore Operation Model Special Reque

 01 : 2L (Resin) A : 110V,60Hz 0 : Ø4 1 : Turn on-Feeding *

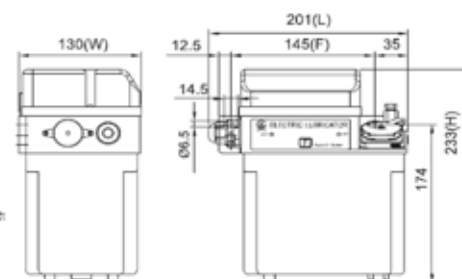
 02 : 2L (Aluminum) B : 220V,50Hz 1 : Ø6 2 : Turn on-Interval

 03 : 3L (Resin) C : 220V,60Hz 2 : Ø4 (With Pressure Gauge)

 04 : 4L (Resin) 3 : Ø6 (With Pressure Gauge)

 05 : 4L (Aluminum)

 08 : 8L (Iron)



CESP-01 Standard Externals

CESH TYPE RESISTANCE ELECTRIC LUBRICATOR

Model	Interval Time	Act time	Max. Volume	Motor Output Watt	Max. Pressure	1Ø Voltage	Ampere	Discharge Bore	Hertz	Pressure Gauge
CESH	1-180 min or 1-60 min Optional	10 sec (Non-adj.)	130cc/min.	20±3W	10 kgf/cm ²	110V 220V	1.5A 1.0A	Ø4 or Ø5	60Hz or 50Hz	Optional

Oil Viscosity - 32-68cSt@ 40°C

Model	Tank Code	Tank Material	Capacity Liters	Fixed Hole Distance(mm)	Lenght	Width	Height
						(mm)	(mm)
CESH	01	Resin	2L	145	201	142	233
	02	Aluminum		95 x 200			
	03	Resin	3L	205	230	167	239
	04			250			
	05	Aluminum	4L	95 x 280	297	170	252
	08	Iron		95 x 338			



CESH-01 Standard Externals

CESH SINGLE PHASE WIRING DIAGRAM

Abnormal Output			Ground	Power
NO(A)	NC(B)	COM	GND(P.E)	POWER
⊕	⊕	⊕	⊕	⊕ ⊕

CESH **01** **2** **C** **1** **2** *

 Tank Capacity(Material) Time (Act x Interval) Voltage Discharge Bore Operation Model Special Reques

 01 : 2L (Resin) 1 : 10 sec x 60 min A : 110V,60Hz 0 : Ø4 1 : Turn on-Feeding *

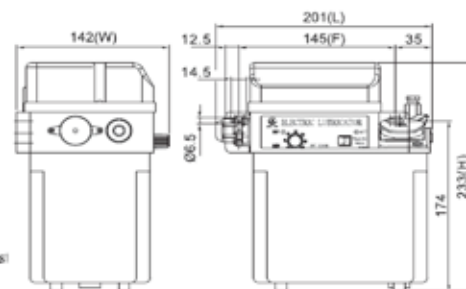
 02 : 2L (Aluminum) 2 : 10 sec x 180 min B : 220V,50Hz 1 : Ø6 2 : Turn on-Interval

 03 : 3L (Resin) C : 220V,60Hz 2 : Ø4 (With Pressure Gauge)

 04 : 4L (Resin) 3 : Ø6 (With Pressure Gauge)

 05 : 4L (Aluminum)

 08 : 8L (Iron)



CESD TYPE RESISTANCE ELECTRIC LUBRICATOR

Model	Act Time	Invertal Time	Max. Volume	Max. Pressure	1ØVoltage	Ampere	Hertz	Discharge Bore	Time Adjuster	Oil Viscosity
CESD	3-60 sec.	1-60 min or 1-180 min	130cc/min	8kgf/cm ²	110 V 220 V	1.5 A 0.7 A	60Hz or 50Hz	Ø4 or Ø6	Inside The Wiring Box	32-68cSt@ 40°C

Motor Output Watt - 12±3W - Buzzer - Float Switch

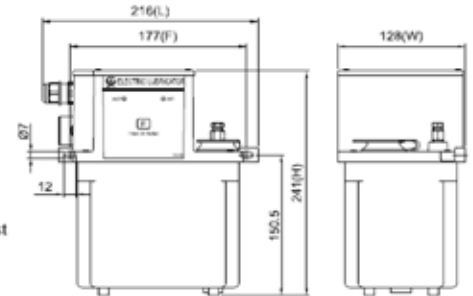
Model	Tank Code	Tank Material	Capacity Liters	Fixed Hole Distance(mm)	Lenght	Width	Height
					(mm)		
CESD	01	Resin	2L	177	216	128	241
	02	Aluminum		95 x 200	225	151	232
	03	Resin	3L	205	230	167	246
	04		4L	250	277	162	263
	05	Aluminum	8L	95 x 280	297	170	251
	08	Iron		95 x 338	355	200	268



CESD-01 Standard

CESD SINGLE PHASE WIRING DIAGRAM

Abnormal Output			Ground	Power	
NO(A)	NC(B)	COM	GND(P.E)	POWER	
⊕	⊕	⊕	⊕	⊕	⊕



CESD-01 Standard Externals

CES D 01 2 C 1 2 ※

Tank Capacity(Material)	Time (Act x Interval)	Voltage	Discharge Bore	Operation Model	Special Request
01 : 2L (Resin)	1 : 1min X 60min	A : 110V,60Hz	0 : Ø4	1 : Turn on-Feeding	
02 : 2L (Aluminum)	2 : 1min X 180min	B : 220V,50Hz	1 : Ø6	2 : Turn on-Interval	
03 : 3L (Resin)	3 : 1min X 12hours	C : 220V,60Hz	2 : Ø4 (With Pressure Gauge)		
04 : 4L (Resin)	4 : 1min X 72hours		3 : Ø6 (With Pressure Gauge)		
05 : 4L (Aluminum)					
08 : 8L (Iron)					

CESW TYPE RESISTANCE ELECTRIC LUBRICATOR

Model	Act Time	Invertal Time	Max. Volume	Max. Pressure	1ØVoltage	Ampere	Hertz	Discharge Bore	Time Adjuster	Oil Viscosity
CESW	3-60 sec.	1-60 min or 1-180 min	130cc/min	8kgf/cm ²	110 V 220 V	1.5 A 0.7 A	60Hz or 50Hz	Ø4 or Ø6	Outside The Wiring Box	32-68cSt@ 40°C

Motor Output Watt - 12±3W - Buzzer - Float Switch

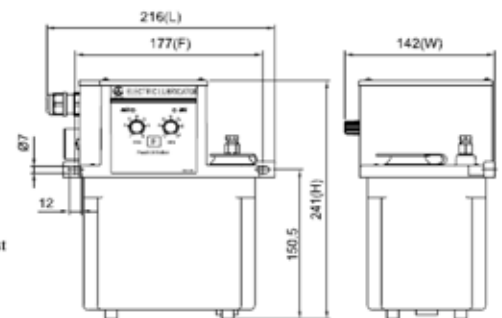
Model	Tank Code	Tank Material	Capacity Liters	Fixed Hole Distance(mm)	Lenght	Width	Height
					(mm)		
CESW	01	Resin	2L	177	216	142	241
	02	Aluminum		95 x 200	225	157	232
	03	Resin	3L	205	230	167	246
	04		4L	250	277	162	264
	05	Aluminum	8L	95 x 280	297	170	251
	08	Iron		95 x 338	355	200	272



CESW-01 Standard

CESW SINGLE PHASE WIRING DIAGRAM

Abnormal Output			Ground	Power	
NO(A)	NC(B)	COM	GND(P.E)	POWER	
⊕	⊕	⊕	⊕	⊕	⊕



CESW-01 Standard Externals

CES W 01 2 C 1 2 ※

Tank Capacity(Material)	Time (Act x Interval)	Voltage	Discharge Bore	Operation Model	Special Request
01 : 2L (Resin)	1 : 1 min x 60 min	A : 110V,60Hz	0 : Ø4	1 : Turn on-Feeding	
02 : 2L (Aluminum)	2 : 1 min x 180 min	B : 220V,50Hz	1 : Ø6	2 : Turn on-Interval	
03 : 3L (Resin)	3 : 1 min x 12 hours	C : 220V,60Hz	2 : Ø4 (With Pressure Gauge)		
04 : 4L (Resin)	4 : 1 min x 72 hours		3 : Ø6 (With Pressure Gauge)		
05 : 4L (Aluminum)					
08 : 8L (Iron)					

CEN01 TYPE RESISTANCE ELECTRIC LUBRICATOR

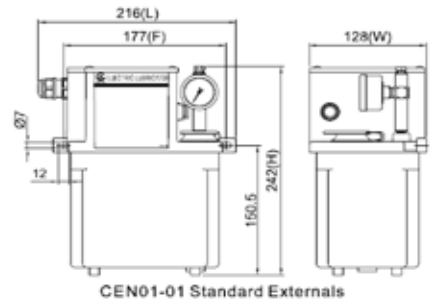
Model	Act Time	Interval Time	Motor Output Watt	Max. Volume	Max. Pressure	1Ø Voltage	Ampere	Oil Viscosity	Discharge Bore	Hertz
CEN01	Control by PLC		30±3W	130cc/min	15kgf/cm ²	110V 220V	2A 1A	32-68cSt @40°C	Ø4 or Ø6	60Hz or 50Hz

Model	Tank Code	Tank Material	Capacity Liters	Fixed Hole Distance(mm)	Lenght	Width	Height
					(mm)		
CEN01	01	Resin	2L	177	216	128	242
	02	Aluminum		95 x 200	225	151	233
	03	Resin	3L	205	230	167	247
	04		4L	250	277	162	265
	05	Aluminum	8L	95 x 280	297	170	252
	08	Iron		95 x 338	355	200	269

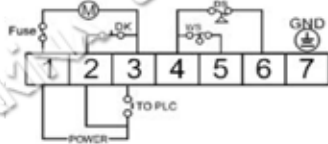


CEN 01 **01** **C** **3** ✱

Model 01 : Resistance Type, Controlled by PLC
 Tank Capacity (Material) 01 : 2L (Resin)
 02 : 2L (Aluminum)
 03 : 3L (Resin)
 04 : 4L (Resin)
 05 : 4L (Aluminum)
 08 : 8L (Iron)
 Voltage A : 110V,60Hz
 B : 220V,50Hz
 C : 220V,60Hz
 Discharge Bore 0 : Ø4
 1 : Ø6
 2 : Ø4 (With Pressure Gauge)
 3 : Ø6 (With Pressure Gauge)
 Special Request ✱B : Add a buzzer
 ✱Z : Increase the discharge volume to 260cc/min



CEN01 Type Single Phase Wiring Diagram



M : Motor
 DK : Coercive Feed-Oil
 DS : Pressure Switch
 WS : Float Switch
 Fuse : Fuse
 GND : Ground
 POWER : Power
 TO PLC : TO PLC

CEN02 TYPE RESISTANCE ELECTRIC LUBRICATOR

Model	Act Time	Interval Time	Motor Output Watt	Max. Volume	Max. Pressure	1Ø Voltage	Ampere	Oil Viscosity	Discharge Bore	Hertz
CEN02	1-999 sec	1-999sec or min	30±3W	130cc/min	15kgf/cm ²	110V 220V	2A 1A	32-68cSt @40°C	Ø4 or Ø6	60Hz or 50Hz

Model	Tank Code	Tank Material	Capacity Liters	Fixed Hole Distance(mm)	Lenght	Width	Height
					(mm)		
CEN02	01	Resin	2L	177	216	128	242
	02	Aluminum		95 x 200	225	151	233
	03	Resin	3L	205	230	167	247
	04		4L	250	277	162	265
	05	Aluminum	8L	95 x 280	297	170	252
	08	Iron		95 x 338	355	200	269

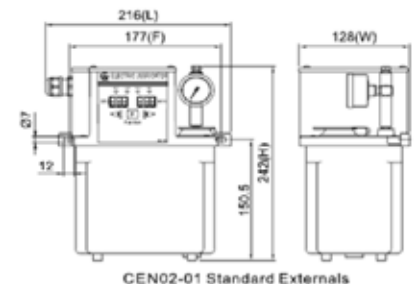


CEN02 Single Phase Wiring Diagram

Abnormal Output			Ground	Power
NO(A)	NC(B)	COM	GND(P.E)	POWER
⊕	⊕	⊕	⊕	⊕

CEN 02 **01** **2** **C** **3** ✱

Model 02 : Resistance Type, Controlled by Timer
 Tank Capacity (Material) 01 : 2L (Resin)
 02 : 2L (Aluminum)
 03 : 3L (Resin)
 04 : 4L (Resin)
 05 : 4L (Aluminum)
 08 : 8L (Iron)
 Time(Act x Interval) 1 : sec x sec
 2 : sec x min
 Voltage A : 110V,60Hz
 B : 220V,50Hz
 C : 220V,60Hz
 Discharge Bore 0 : Ø4
 1 : Ø6
 2 : Ø4 (With Pressure Gauge)
 3 : Ø6 (With Pressure Gauge)
 Special Request ✱B : Add a buzzer
 ✱P : Add a pressure switch (NC 1kgf/cm²)
 ✱Z : Increase the discharge volume to 260cc/min.



CESG01 TYPE RESISTANCE ELECTRIC LUBRICATOR

Model	Pressure-Relief Device	Act Time	Interval Time	Max. Pressure	Max. Volume	1Ø Voltage	Ampere	Hertz	Discharge Bore
CESG01	X	Controlled by PLC		15kgf/cm ²	130cc/min	110 V 220 V	1.8 A 0.9 A	60Hz or 50Hz	Ø4 or Ø6

Motor Output Watt - 25±3W - Pressure Switch - Optional Oil Viscosity - 32-68cSt@ 40°C

Model	Tank Code	Tank Material	Capacity Liters	Fixed Hole Distance(mm)	Lenght	Width	Height
					(mm)		
CESG01	01	Resin	2L	145	220	230	234
	02	Aluminum		95 x 200	225	151	225
	03	Resin	3L	205	230	167	239
	04		4L	250	277	162	257
	05	Aluminum	8L	95 x 280	297	170	252
	08	Iron		95 x 338	355	200	261

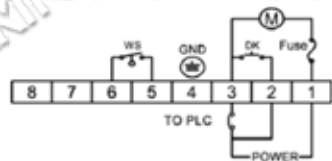


CESG01-01 Standard

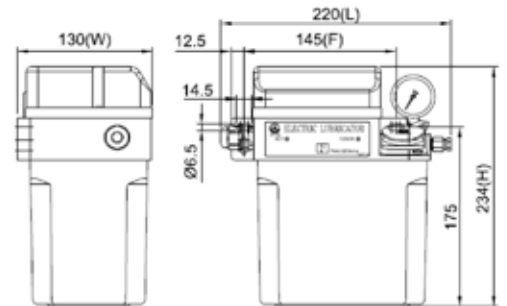
CESG 01 01 C 3

Model: 01: Resistance Type, Controlled by PLC
 Tank Capacity (Material): 01: 2L (Resin), 02: 2L (Aluminum), 03: 3L (Resin), 04: 4L (Resin), 05: 4L (Aluminum), 08: 8L (Iron)
 Voltage: A: 110V,60Hz, B: 220V,50Hz, C: 220V,60Hz
 Discharge Bore: 0: Ø4, 1: Ø6, 2: Ø4 (With Pressure Gauge), 3: Ø6 (With Pressure Gauge)
 Special Request: ※P: Add a pressure switch (NO or NC 1kgf/cm²), ※Z: Increase the discharge volume to 260cc/min

CESG01 Type Single Phase Wiring Diagram



M: Motor
 DK: Coercive Feed-Oil
 WS: Float Switch
 Fuse: Fuse
 GND: Ground
 POWER: Power
 TO PLC: To PLC



CESG01-01 Standard Externals

CESG02 TYPE RESISTANCE ELECTRIC LUBRICATOR

Model	Act Time	Interval Time	Motor Output	Max. Volume	Max. Pressure	1Ø Voltage	Ampere	Hertz	Discharge Bore	Max. Volume
CESG02	1-999 sec	1-999 min 1-999 hr	25±3W	130cc/min	15kgf/cm ²	110V 220V	1.8A 0.9A	60Hz 60Hz or 50Hz	Ø4 or Ø6	130cc/min

Motor Output Watt - 25±3W - Oil Viscosity - 32-68cSt@ 40°C

Model	Tank Code	Tank Material	Capacity Liters	Fixed Hole Distance(mm)	Lenght	Width	Height
					(mm)		
CESG02	01	Resin	2L	145	220	130	234
	02	Aluminum		95 x 200	225	151	225
	03	Resin	3L	205	230	167	239
	04		4L	250	277	162	257
	05	Aluminum	8L	95 x 280	297	170	252
	08	Iron		95 x 338	355	200	261



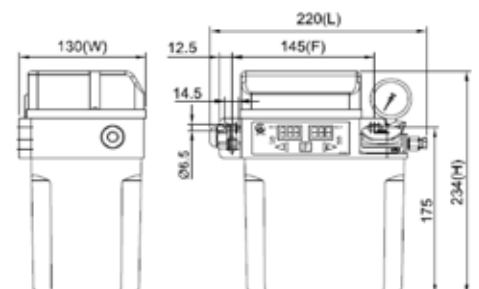
CESG02-01 Standard

CESG02 Single Phase Wiring Diagram

Abnormal Output			Ground	Power
NO(A)	NC(B)	COM	GND(P.E)	POWER
⊕	⊕	⊕	⊕	⊕

CESG 02 01 2 C 3

Model: 02: Resistance Type, Controlled by Timer
 Tank Capacity (Material): 01: 2L (Resin), 02: 2L (Aluminum), 03: 3L (Resin), 04: 4L (Resin), 05: 4L (Aluminum), 08: 8L (Iron)
 Time (Act x Interval): 1: sec x sec, 2: sec x min, 3: sec x hour
 Voltage: A: 110V,60Hz, B: 220V,50Hz, C: 220V,60Hz
 Discharge Bore: 0: Ø4, 1: Ø6, 2: Ø4 (With Pressure Gauge), 3: Ø6 (With Pressure Gauge)
 Special Request: ※P: Add a pressure switch (NO 1kgf/cm² or NC 1kgf/cm²), ※B: Add a buzzer, ※Z: Increase the discharge volume to 260cc/min

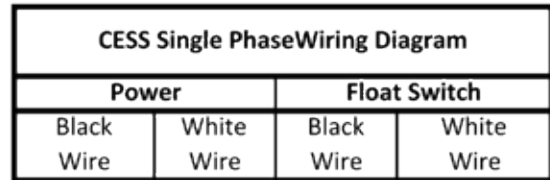
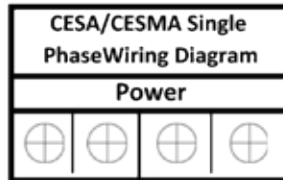
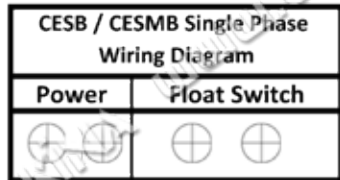


CESG02-0 Standard Externals

CESA/B, CESMA/B, CESC, CESS(B) TYPE RESISTANCE ELECTRIC LUBRICATOR

Model	Interval Time	cc/stroke	Max. Pressure	1Ø Voltage	Ampere	Hertz	Motor	Oil Viscosity	Discharge Bore
CESA	2 (not available for CESC type), 3, 5, 10, 15, 30, 60, mins (Non-Adj.)	3-6cc	3kgf/cm ²	110V 220V	0.1A 0.05A	50/60Hz compatible	4W	32-68cSt @40°C	Ø4 or Ø6
CESB									
CESMA									
CESMB									
CECSC									
CESS(B)	1 - 3cc								

Model	Capacity Liters	Fixed Hole Distance (mm)	Length	Width	Height	Float Switch	Wiring	Buzzer	IC Board
			(mm)	(mm)	(mm)				
CESA	2L	176	197	139	255	X	Pull out	X	X
CESB			197			O		X	X
CESMA			206			O	X	X	
CESMB			206				X	X	
CECSC			197			O	O	O	
CESS	1L	100	130	88	199	X	Pull out	X	X



Model A : Standards, Wiring Pull Out
 B : With Float Switch, Wiring Pull Out
 MA : Standards, Wiring Inside
 MB : With Float Switch, Wiring Inside
 C : With IC Box and Buzzer

Interval 02 : 2min
 03 : 3min
 05 : 5min
 10 : 10min
 15 : 15min
 30 : 30min
 60 : 60min

Voltage A : 110V
 C : 220V

Discharge Volume 1 : 1~6cc (Adjustable)
 6 : 3~6cc (Adjustable)

Discharge Bore 0 : Ø4
 1 : Ø6
 2 : Ø4 (With Pressure Gauge)
 3 : Ø6 (With Pressure Gauge)

Special Request ØL : Add a Light

Model S : Standards, Tank Capacity 1L
 SB : With Float Switch Tank Capacity 1L

Interval 02 : 2min
 03 : 3min
 05 : 5min
 10 : 10min
 15 : 15min
 30 : 30min
 60 : 60min

Voltage A : 110V
 C : 220V

Discharge Volume 1 : 1~3cc (Adjustable)
 3 : 3 cc (Non-Adjustable)

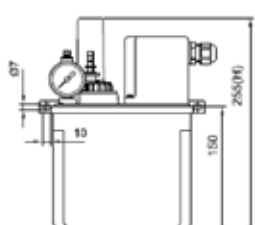
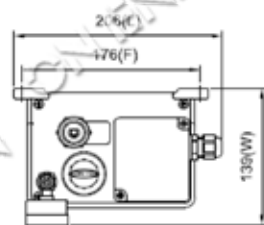
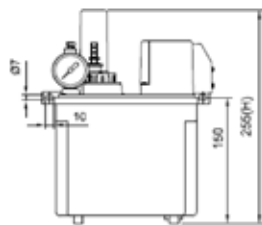
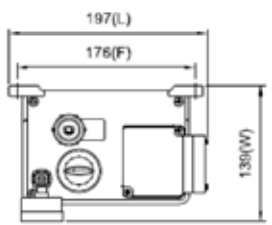
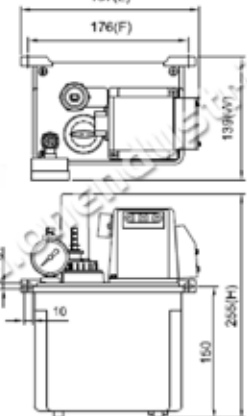
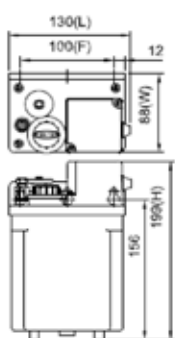
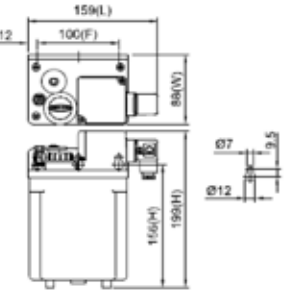
Discharge Bore 0 : Ø4
 1 : Ø6

Special Request


CESA

CESB

CESMA

CESMB

CECSC

CESS

CESSB With CE Certified Connects


CENA TYPE RESISTANCE ELECTRIC LUBRICATOR

Model	Act time	Interval Time	Motor Output Watt	Max. Volume	Max. Pressure	1Ø Voltage	Ampere	Hertz	Discharge Bore
CENA	1-999 sec	1-999 min or 1-999 sec	25W	250cc/min	15kgf/cm ²	110V	0.6A	50/60Hz Compatible	Ø4 or Ø6
			60W	500cc/min	30kgf/cm ²	220V	0.3A 1.2A 0.6A		

Oil Viscosity - 32-68cSt @40°C

Model	Tank Code	Tank Material	Capacity Liters	Fixed Hole Distance(mm)	Lenght	Width	Height
					(mm)		
CENA (25W)	03	Resin	3L	205	230	165	253
	04		4L	250	277	162	272
	05	Aluminum	4L	95x280	297	170	264
	08	Resin	8L	95x338	355	200	286
Model	Tank Code	Tank Material	Capacity Liters	Fixed Hole Distance(mm)	Lenght	Width	Height
(mm)							
CENA (60W)	05	Aluminum	4L	95x280	297	170	310
	08	Iron		95x338	355	200	334

CENA Single Phase Wiring Diagram

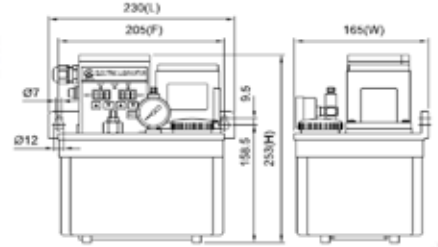
Abnormal Output			Ground	Power
NO(A)	NC(B)	COM	GND(P.E)	POWER
⊕	⊕	⊕	⊕	⊕ ⊕

CEN A 03 2 C 25 3

Model A	Tank Capacity (Material)	Time (Act x Interval)	Voltage	Motor	Discharge Bore	Special Request
03	3L (Resin)	1 : sec x sec	A : 110V	25: 25W	Ø : Ø4	⊕60 : 4L above metal tank could be assembled with 60W motor.
04	4L (Resin)	2 : sec x min	C : 220V	60: 60W	1 : Ø6	⊕90 : 4L above metal tank could be assembled with 90W motor.
05	4L (Aluminum)			90: 90W	2 : Ø4 (With Pressure Gauge)	⊕B : Add a larger buzzer
08	8L (Iron)				3 : Ø6 (With Pressure Gauge)	⊕P : Add a pressure switch NC 1kgf/cm ²



CENA-03 Standard



CENA-03 Standard Externals

CEA TYPE RESISTANCE ELECTRIC LUBRICATOR

Model	Act time	Interval Time	Motor Output Watt	Max. Volume	Max. Pressure	1Ø Voltage	Ampere	Hertz	Discharge Bore
CEA	3sec-3min	1-60min	25W	250cc/min	15kgf/cm ²	110V	0.6A	50/60Hz Compatible	Ø4 or Ø6
		1-180min	60W	600cc/min	30kgf/cm ²	220V	0.3A 1.2A 0.6A		
		1-360min							

Oil Viscosity - 32-68cSt @40°C

CEA TYPE RESISTANCE ELECTRIC LUBRICATOR

Model	Tank Code	Tank Material	Capacity Liters	Fixed Hole Distance(mm)	Lenght	Width	Height
					(mm)		
CEA (25W)	02	Aluminum	2L	95x200	217	151	257
	04	Resin	4L	250	277	159	286
	05	Aluminum		95x280	308	197	277
	08	Resin	8L	95x338	355	200	297
Model	Tank Code	Tank Material	Capacity Liters	Fixed Hole Distance(mm)	Lenght	Width	Height
(mm)							
CEA (60W)	05	Aluminum	4L	95x280	297	170	310
	08	Iron	8L	95x338	355	200	334

CEA Single Phase Wiring Diagram

Abnormal Output			
⊕	⊕	⊕	⊕

Model A	Tank Capacity (Material)	Time (Act x Interval)	Voltage	Motor	Discharge Bore	Special Request
02	2L (Aluminum)	1 : sec x sec	A : 110V	25: 25W	Ø : Ø4	⊕60 : 4L above metal tank could be assembled with 60W motor.
04	4L (Resin)	2 : sec x min	C : 220V	60: 60W	1 : Ø6	⊕90 : 4L above metal tank could be assembled with 90W motor.
05	4L (Aluminum)			90: 90W	2 : Ø4 (With Pressure Gauge)	⊕B : Add a larger buzzer
08	8L (Iron)				3 : Ø6 (With Pressure Gauge)	⊕P : Add a pressure switch NC 1kgf/cm ²



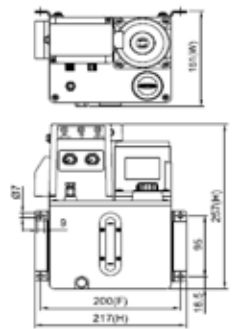
CEA-02



CEA-05(25W)



CEA-05(60W)



CEA-02 Standards Externals

CEV TYPE RESISTANCE ELECTRIC LUBRICATOR

Model	Motor	Max. Volume	Max. Pressure	1 \emptyset Voltage	Ampere	Hertz	Discharge Bore	Oil Viscosity
CEV	25W	250cc/min	15kgf/cm ²	1 \emptyset 110V 1 \emptyset 220V	0.6A 0.3A 0.3A	50/60Hz Compatible	\emptyset 4 or \emptyset 6	32-68cSt @40°C
	60W	600cc/min	30kgf/cm ²	3 \emptyset Optional	1.2A 0.6A 0.3A			



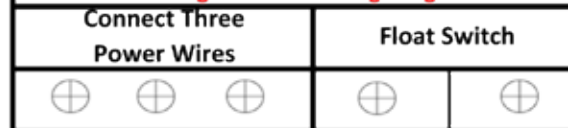
CEV-03 Standard

Model	Tank Code	Tank Material	Capacity Liters	Fixed Hole Distance(mm)	Length	Width	Height
					(mm)		
CEV (25W)	02	Aluminum	2L	95x200	217	161	230
	03	Resin	3L	205	230	180	240
	04		4L	250	275	159	259
	05	Aluminum	4L	95x280	297	170	250
	08	Resin	8L	95x338	355	200	273
CEV (60W)	05	Aluminum	4L	95x280	297	175	310
	08	Iron	8L	95x338	355	200	334



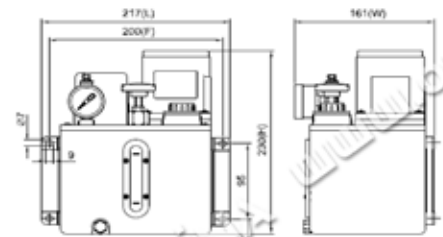
CEV-02 Standard

CEV Single Phase Wiring Diagram

CEV Single Phase Wiring Diagram


CE V 02 C 25 3
 Model : Resistance Type Tank Capacity(Material) Voltage Motor Discharge Bore
 02 : 2L (Aluminum) A : 1 \emptyset 110V 25 : 25W 0 : \emptyset 4
 03 : 3L (Resin) C : 1 \emptyset 220V 1 : \emptyset 6
 04 : 4L (Resin) D : 3 \emptyset 220/380V 2 : \emptyset 4 (With Pressure Gauge)
 05 : 4L (Aluminum) E : 3 \emptyset 220V/440V 3 : \emptyset 6 (With Pressure Gauge)
 08 : 8L (Iron) F : 3 \emptyset 208/415V
 20 : 20L (Iron) G : 3 \emptyset 230/460V
 H : 3 \emptyset 240/480V
 M : 3 \emptyset 220V
 N : 3 \emptyset 380V
 X : Special Voltage

Special Request
 ※F : Add a Feed-Oil Button
 ※P : Add a Pressure Switch
 ※L : Add a Light
 ※60 : 4L above metal tank could be assembled with 60W motor.
 ※90 : 4L above metal tank could be assembled with 90W motor.



CEV-02(25W) Standard Externals

CLA TYPE HAND-PULL MANUAL LUBRICATORS

Model	Max Vol.	Max Pressure	Capacity	Discharge Bore	Outlet Number	Fixed Hole Distance(mm)	Length	Width	Height
CLA-6	8 cc	15kgf/cm ²	350 cc	\emptyset 4	1	85,85mm	112	137	188
					2				
CLA-8	8 cc	15kgf/cm ²	600 cc	\emptyset 4	1	110,110mm	124	138	207
					2				

Oil Viscosity - 32-68cSt@40°C

CLA-6
R
H
1
※

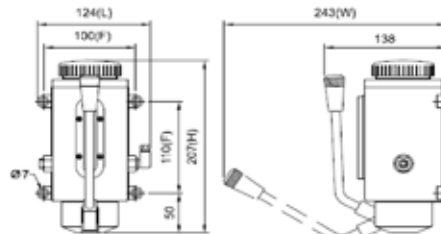
 Tank Capacity
 6 : 350cc
 8 : 600cc

 Discharge Outlet Side
 L : Left Hand Outlet
 R : Right Hand Outlet
 D : Dual Outlet

 Outlet Adapter
 H : Elbow Adapter
 D : Straight Adapter
 B : Block

 Discharge Bore
 0 : \emptyset 4
 1 : \emptyset 6

Special Request



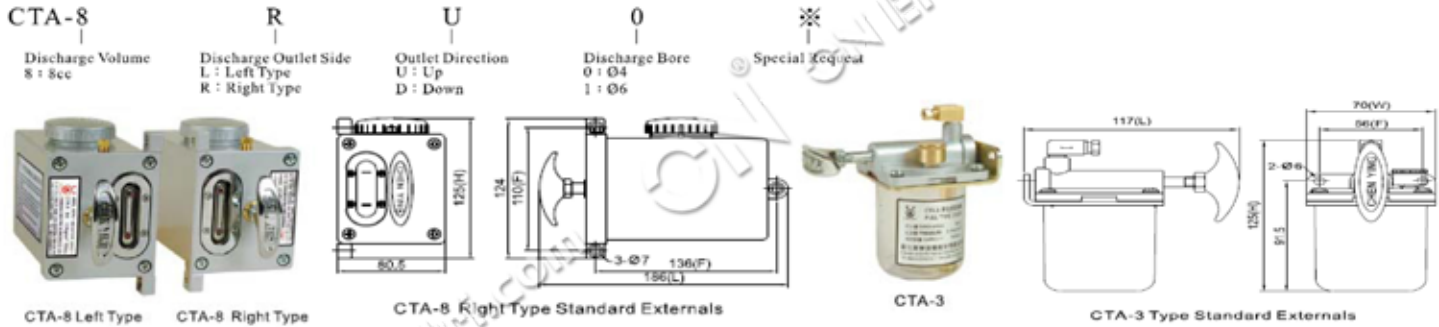
CLA-6-D-H-1

CLA-8-R-H-1

CLA-8-R-H-1 Type Standard Externals

CTA TYPE HAND-PULL MANUAL LUBRICATORS

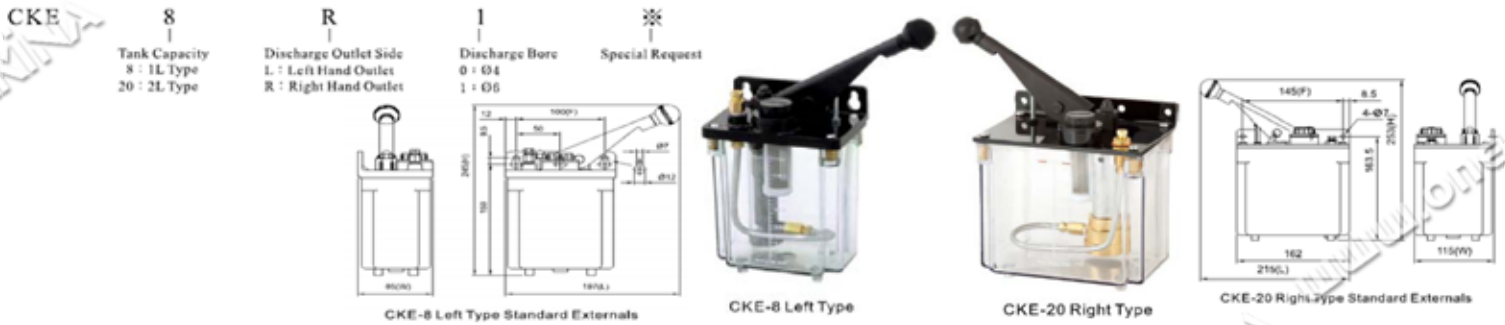
Model	Max Vol.	Max. Pressure	Capacity	Discharge Bore	Fixed Hole Distance(mm)	Length	Width (mm)	Height	Oil Viscosity
CTA-8	8cc	650cc	Ø4	136.110	186	80	125	@40°C	



CKE TYPE HAND-PRESSING LUBRICATORS

Model	Max. Vol.	Max. Pressure	Capacity	Discharge Bore	Fixed Hole Distance(mm)	Length	Width (mm)	Height
CKE-8 Right Type	193	249						
CKE-20 Left Type	2L	Ø6	145	215	115	253		

Oil Viscosity - 32-68cST@40°C



CEWB TYPE PRESSURE-RELIEF (Piston Type) ELECTRIC LUBRICATOR

Model	Act Time	Invertal Time	Max. Pressure	1Ø Voltage	Ampere	Hertz	Discharge Bore	Time Adjuster	Max. Volume	Oil Viscosity
CEWB	3-60 sec	1-60min or 1-180min	15kgf/cm ²	110V 220V	2A 1A	60Hz or 50Hz	Ø4 or Ø6	Outside The Wiring Box	130cc/min	32-68cst @40°C

Motor Output Watt - 30±3W - Buzzer - Float Switch

Model	Tank Code	Tank Material	Capacity Liters	Fixed Hole Distance(mm)	Length	Width (mm)	Height
02	Aluminum	95 x 200	225	151	232		
03	Resin	3L	205	230	167	246	
04			250	277	162	264	
05	Aluminum	4L	95 x 280	297	170	251	
08	Iron	8L	95 x 338	355	200	272	

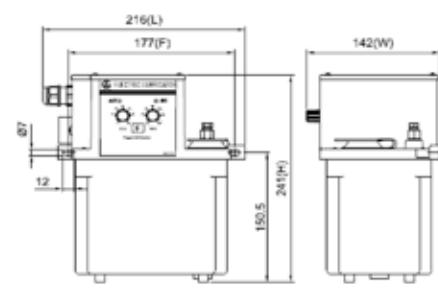


CEWB-01

CEWB Single Phase Wiring Diagram

Abnormal Output			Ground	Power
NO(A)	NC(B)	COM	GND(P.E)	POWER
⊕	⊕	⊕	⊕	⊕ ⊕

CE WB 01
 Tank Capacity (Material): 01: 2L (Resin), 02: 2L (Aluminum), 03: 3L (Resin), 04: 4L (Resin), 05: 4L (Aluminum), 08: 8L (Iron)
 Time (Act x Interval): 1: 1 min x 60 min, 2: 1 min x 180 min, 3: 1 min x 12 hours, 4: 1 min x 72 hours
 Voltage: A: 110V/60Hz, B: 220V/50Hz, C: 220V/60Hz
 Discharge Bore: 0: Ø4, 1: Ø6, 2: Ø4 (With Pressure Gauge), 3: Ø6 (With Pressure Gauge)
 Operation Model: 1: Turn on-Feeding, 2: Turn on-Interval
 Special Request: ✱: Increase the discharge volume to 260cc/min



CEWB-01 Standard External

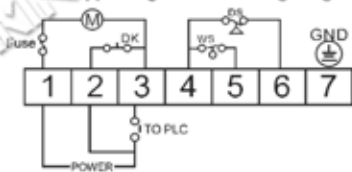
CEN03 TYPE PRESSURE-RELIEF ELECTRIC LUBRICATOR								
Model	Act Time	Invertal Time	Max. Pressure	1ØVoltage	Ampere	Hertz	Discharge Bore	Max. Volume
CEN03	Control By PLC		15kgf/cm ²	110V 220V	2A 1A	60Hz or 50Hz	Ø4 or Ø6	130cc/min
Motor Output Watt - 30±3W - Oil Viscosity - 32-68cST@40°C								

Model	Tank Code	Tank Material	Capacity Liters	Fixed Hole Distance(mm)	Lenght	Width	Height
					(mm)		
CEN03	01	Resin	2L	177	216	128	242
	02	Aluminum		95 x 200	225	151	233
	03	Resin	3L	205	230	167	247
	04			250	277	162	265
	05	Aluminum	4L	95 x 280	297	170	252
	08	Iron		8L	95 x 338	355	200

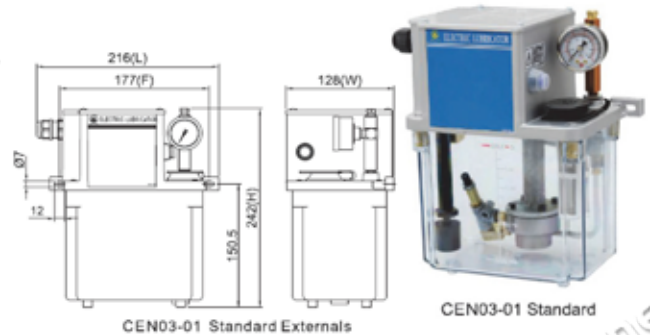
CEN 03 **01** **C** **3** **※**

Model: 03 : Pressure-Relief Type, Controlled by PLC
 Tank Capacity (Material): 01 : 2L (Resin), 02 : 2L (Aluminum), 03 : 3L (Resin), 04 : 4L (Resin), 05 : 4L (Aluminum), 08 : 8L (Iron)
 Voltage: A : 110V,60Hz, B : 220V,50Hz, C : 220V,60Hz
 Discharge Bore: 0 : Ø4, 1 : Ø6, 2 : Ø4 (With Pressure Gauge), 3 : Ø6 (With Pressure Gauge)
 Special Request: ※B : Add a Buzzer, ※Z : Increase the discharge volume to 260cc/min

CEN03 Type Single Phase Wiring Diagram

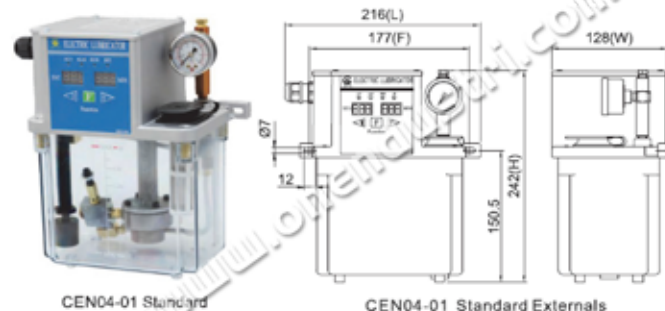


M : Motor
 DK : Coercive Feed-Oil
 DS : Pressure Switch
 WS : Float Switch
 Fuse : Fuse
 GND : Ground
 POWER : Power
 TO PLC : TO PLC



CEN04 TYPE PRESSURE-RELIEF ELECTRIC LUBRICATOR								
Model	Act Time	Invertal Time	Max. Pressure	1ØVoltage	Ampere	Hertz	Discharge Bore	Max. Volume
CEN04	1-999 sec.	1-999 sec. or min	15kgf/cm ²	110V 220V	2A 1A	60Hz or 50Hz	Ø4 or Ø6	130cc/min
Motor Output Watt - 30±3W - Oil Viscosity - 32-68cST@40°C								

Model	Tank Code	Tank Material	Capacity Liters	Fixed Hole Distance(mm)	Lenght	Width	Height
					(mm)		
CEN04	01	Resin	2L	177	216	128	242
	02	Aluminum		95 x 200	225	151	233
	03	Resin	3L	205	230	167	247
	04			250	277	162	265
	05	Aluminum	4L	95 x 280	297	170	252
	08	Iron		8L	95 x 338	355	200



CEN04 Single Phase Wiring Diagram				
Abnormal Output			Ground	Power
NO(A)	NC(B)	COM	GND(P.E)	POWER
⊕	⊕	⊕	⊕	⊕ ⊕

CEN 04 **01** **2** **C** **3** **※**

Model: 04 : Pressure-Relief Type, Controlled By Timer
 Tank Capacity(Material): 01 : 2L (Resin), 02 : 2L (Aluminum), 03 : 3L (Resin), 04 : 4L (Resin), 05 : 4L (Aluminum), 08 : 8L (Iron)
 Time (Act x Interval): 1 : sec x sec, 2 : sec x min
 Voltage: A : 110V,60Hz, B : 220V,50Hz, C : 220V,60Hz
 Discharge Bore: 0 : Ø4, 1 : Ø6, 2 : Ø4 (With Pressure Gauge), 3 : Ø6 (With Pressure Gauge)
 Special Request: ※Z : Increase the discharge volume to 260cc/min

CESG-03 TYPE PRESSURE-RELIEF ELECTRIC LUBRICATOR									
Model	Act Time	Invertal Time	Max. Volume	Max. Pressure	1ØVoltage	Ampere	Hertz	Discharge Bore	Motor Output Watt
CESG-03	Control by PLC		130 cc/min	15 kgf/cm ²	110V 220V	1.8A 0.9A	60Hz or 50Hz	Ø4 or Ø6	25±3W

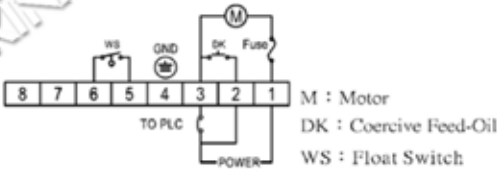
Pressure Switch Optional - Relief Device - Oil Viscosity - 32-68cST@40°C

Model	Tank Code	Tank Material	Capacity Liters	Fixed Hole Distance(mm)	Lenght	Width		Height
						(mm)		
CESG-03	01	Resin	2L	145	220	130		234
	02	Aluminum		95 x 200	225	151		225
	03	Resin	3L	205	230	167		239
	04		4L	250	277	16		257
	05	Aluminum	8L	95 x 280	297	170		252
	08	Iron		95 x 338	355	200		261

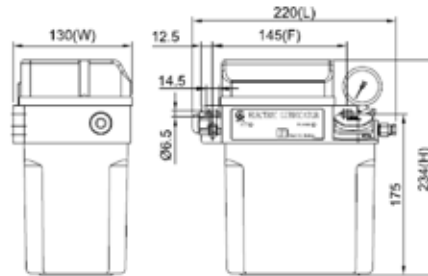
CESG 03

Model	Tank Capacity (Material)	Voltage	Discharge Bore	Special Request
03 : Pressure-Relief Type	01 : 2L (Resin)	A : 110V/60Hz	Ø : Ø4	※P : Add a pressure switch
	02 : 2L (Aluminum)	B : 220V/50Hz	1 : Ø6	or NO 8 kgf/cm ²
	03 : 3L (Resin)	C : 220V/60Hz	2 : Ø4 (With Pressure Gauge)	or NC 8 kgf/cm ²
	04 : 4L (Resin)		3 : Ø6 (With Pressure Gauge)	※Z : Increase the discharge volume to 260cc/min
	05 : 4L (Aluminum)			
	08 : 8L (Iron)			

CESG-03 Type Single Phase Wiring Diagram



Fuse : Fuse
GND : Ground
POWER : Power
TO PLC : To PLC



CESG01-03 Standard Externals



CESG03-01 Standard

CESG-04 TYPE PRESSURE-RELIEF ELECTRIC LUBRICATOR									
Model	Act Time	Invertal Time	Max. Volume	Max. Pressure	1ØVoltage	Ampere	Hertz	Discharge Bore	Motor Output Watt
CESG-04	1-999 sec	1-999min 1-999hr	130cc/min	15 kgf/cm ²	110V	1.8A	60Hz	Ø4 or Ø6	25±3W
					220V	0.9A	60Hz or 50Hz		

Pressure Switch Optional - Oil Viscosity - 32-68cST@40°C

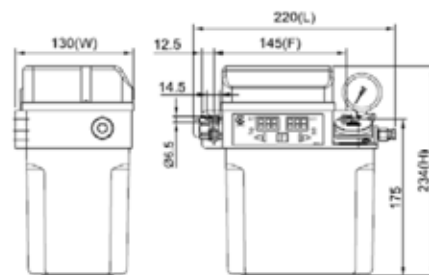
CESG-04 TYPE PRESSURE-RELIEF ELECTRIC LUBRICATOR								
Model	Tank Code	Tank Material	Capacity Liters	Fixed Hole Distance(mm)	Lenght	Width		Height
						(mm)		
CESG-04	01	Resin	2L	145	220	130		234
	02	Aluminum		95 x 200	225	151		225
	03	Resin	3L	205	230	167		239
	04		4L	250	277	16		257
	05	Aluminum	8L	95 x 280	297	170		252
	08	Iron		95 x 338	355	200		261

CESG04 Single Phase Wiring Diagram

Abnormal Output			Ground	Power
NO(A)	NC(B)	COM	GND(P.E)	POWER
⊕	⊕	⊕	⊕	⊕ ⊕

CESG 04

Model	Tank Capacity (Material)	Time (Act x Interval)	Voltage	Discharge Bore	Special Request
04 : Pressure-Relief Type, Controlled by Timer	01 : 2L (Resin)	1 : sec x sec	A : 110V/60Hz	Ø : Ø4	※P : Add a pressure switch
	02 : 2L (Aluminum)	2 : sec x min	B : 220V/50Hz	1 : Ø6	or NO 8 kgf/cm ²
	03 : 3L (Resin)	3 : sec x hour	C : 220V/60Hz	2 : Ø4 (With Pressure Gauge)	or NC 8 kgf/cm ²
	04 : 4L (Resin)			3 : Ø6 (With Pressure Gauge)	※B : Add a buzzer
	05 : 4L (Aluminum)				※Z : Increase the discharge volume to 260cc/min
	08 : 8L (Iron)				



CESG04-01 Standard Externals



CESG04-01 Standard

CEB TYPE PRESSURE-RELIEF ELECTRIC LUBRICATOR

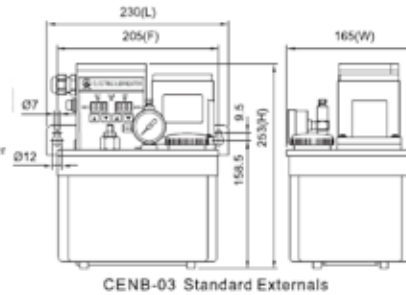
Model	Act Time	Invertal Time	Motor	Max. Volume	Max. Pressure	1ØVoltage	Ampere	Discharge Bore	Hertz
CEB	1-999 sec	1-999 min	25W	250cc/min.	20kgf/cm ²	110V-220V	0.6A	Ø4 or Ø6	50/60Hz Compatible
		or 1-999 sec	60W	600cc/min.	30kgf/cm ²	110V-220V	0.3A 1.2A 0.6A		

Oil Viscosity - 32-68cSt@40°C

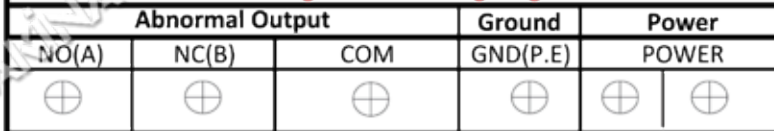
Model	Tank Code	Tank Material	Capacity	Fixed Hole Distance(mm)	Lenght	Width	Height
					(mm)		
CEB (25W)	03	Resin	3L	205	230	167	253
	04	Resin	4L	250	277	162	272
	05	Aluminum	4L	95 x 280	297	170	264
	08	Iron	8L	95 x 338	355	200	286
CEB (60W)	05	Aluminum	4L	95 x 280	297	170	310
	08	Iron	8L	95 x 338	355	200	334

Model : CEN B 03 2 C 25 3
 B : Pressure-Relief Type
 03 : 3L (Resin)
 04 : 4L (Resin)
 05 : 4L (Aluminum)
 08 : 8L (Iron)

Special Request
 ※60 : 4L above metal tank could be assembled with 60W motor.
 ※90 : 4L above metal tank could be assembled with 90W motor.
 ※B : Add a larger buzzer



CEB Single Phase Wiring Diagram

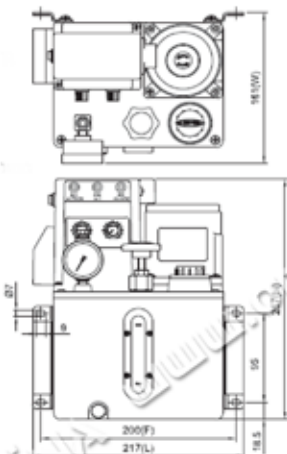


CEAB TYPE PRESSURE-RELIEF ELECTRIC LUBRICATOR

Model	Act Time	Invertal Time	Motor	Max. Volume	Max. Pressure	1ØVoltage	Ampere	Discharge Bore	Hertz
CEAB	3 sec 3 min	1-60min	25W	250cc/min.	20kgf/cm ²	110V-220V	0.6A	Ø4 or Ø6	50/60Hz Compatible
		1-180min	60W	600cc/min.	30kgf/cm ²	110V-220V	0.3A 1.2A 0.6A		
		1-360min							

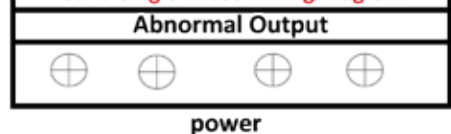
Oil Viscosity - 32-68cSt@40°C

Model	Tank Code	Tank Material	Capacity	Fixed Hole Distance(mm)	Lenght	Width	Height
					(mm)		
CEAB (25W)	02	Aluminum	2L	95 X 200	217	162	257
	04	Resin	4L	250	275	259	286
	05	Aluminum		95 x 280	308	197	277
	08	Iron	8L	95 x 338	355	200	297
CEAB (60W)	05	Aluminum	4L	95 x 280	297	170	310
	08	Iron	8L	95 x 338	355	200	334



Model : CE AB 02 060 C 25 1
 AB : Pressure-Relief Type
 02 : 2L (Aluminum)
 04 : 4L (Resin)
 05 : 4L (Aluminum)
 08 : 8L (Iron)
 20 : 20L (Iron)

CEAB Single Phase Wiring Diagram



Special Request
 ※60 : 4L above metal tank could be assembled with 60W motor.
 ※90 : 4L above metal tank could be assembled with 90W motor.

CEVB TYPE PRESSURE-RELIEF ELECTRIC LUBRICATOR

Model	Motor	Max. Volume	Max. Pressure	Voltage	Ampere	Hertz	Discharge Bore
CEVB	25W	250cc/min.	20kgf/cm ²	1Ø 110V 1Ø 220V 3Ø Optional	0.6A 0.3A 0.3A	50/60Hz Compatible	Ø4 or Ø6
	60W	600cc/min.	30kgf/cm ²	1Ø 110V 1Ø 220V 3Ø Optional	1.2A 0.6A 0.6A		



CEVB-03 With a Light

Oil Viscosity - 32-68cSt @40°C

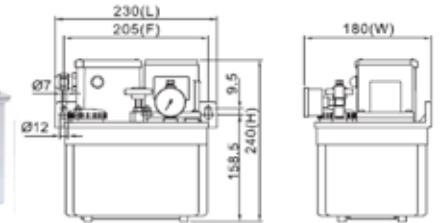
Model	Tank Code	Tank Material	Capacity	Fixed Hole Distance (mm)	Length	Width		Height
						(mm)		
CEVB (25W)	02	Aluminum	2L	95 x 200	217	161		230
	03	Resin	3L	205	230	180		24
	04	Resin	4L	250	275	159		259
	05	Aluminum		95 x 280	297	170		250
	08	Iron	8L	95 x 338	355	200		275
CEVB (60W)	05	Aluminum	4L	95 x 280	297	175		310
	08	Iron	8L	95 x 338	355	200		334

CE VB 02 C 25 3

Model : Tank Capacity (Material) Voltage Motor Discharge Bore Special Request
 Pressure-Relief Type 02 : 2L (Aluminum) A : 1Ø110V 25 : 25W 0 : Ø4 ※F : Add a Feed-Oil Button
 03 : 3L (Resin) C : 1Ø220V 60 : 60W 1 : Ø6 ※P : Add a Pressure Switch
 04 : 4L (Resin) D : 3Ø220V/3Ø0V 90 : 90W 2 : Ø4 (With Pressure Gauge) ※L : Add a Light
 05 : 4L (Aluminum) E : 3Ø220V/4Ø0V ※60 : 4L above metal tank could be assembled with 60W motor.
 08 : 8L (Iron) F : 3Ø208/415V ※90 : 4L above metal tank could be assembled with 90W motor.
 2ØF 2ØL (Iron) G : 3Ø230/440V H : 3Ø240/480V M : 3Ø220V
 N : 3Ø380V X : Special Voltage



CEVB-08(60W)
With a Feed-Oil Button,
Pressure Switch & Light



CEVB-03 Standard Externals

CEVB Three Phase Wiring Diagram



KSB TYPE GREASE ELECTRIC LUBRICATOR

Model	Capacity	Operation Time	Interval Time	Motor Output Watt	Voltage	Ampere	Discharge Bore	Hertz	Max. Volume	Max. Pressure
KSB-30	600cc	3sec-12min	1-18min	20W	DC24V	0.4A	Ø4	50/60Hz compatible	15 cc/min	150 kgf/cm ²
KSB-35	1000cc			15W	110V	0.5A	Ø6			
KSB-40	800cc		220V	0.2A	Ø8					
KSB-50	2000cc		PT1/8							

Viscosity - Grease NLGI Grades 0 to 000

Model	Fixed Hole Distance (mm)	Length	Width	Height
		(mm)		
KSB-30	65mm	220	135	288
KSB-35			161	300
KSB-40			135	342
KSB-50			161	385

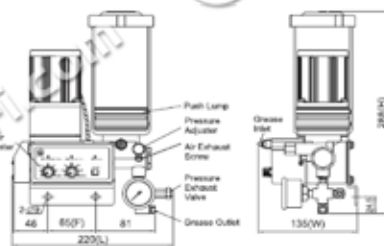
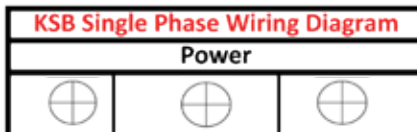
KSB Type DC24V Wiring Diagram



Note:

1. Connect proper power
2. Follow wiring diagram to connect wires.
3. Electric current shouldn't be over loaded than 1.2.A

KSB Single Phase Wiring Diagram



KSB-30 Standard Externals

KS B 30 180 C 3

Grease Electric Lubricator B : Controlled by Timer
 Tank Capacity Interval Voltage Discharge Bore Special Request
 30 : 600cc 180 : 180min A : 110V 0 : Ø4 KSB-40 can be added
 35 : 1000cc 360 : 360min C : 220V 1 : Ø6 RC : Magnetic Level Switch (NC)
 40 : 800cc K : DC24V 2 : Ø4 (With Pressure Gauge) RO : Magnetic Level Switch (NO)
 50 : 2000cc 3 : Ø6 (With Pressure Gauge) KSB-30-40 can be added
 4 : Ø8 S : Sensor Level Switch
 5 : Ø8 (With Pressure Gauge)
 6 : PT1/8
 7 : PT1/8 (With Pressure Gauge)



KSB-30(110/220V)

KSB-40 W/Magnetic Level Switch

CLHA TYPE GREASE MANUAL LUBRICATOR

Model	Capacity Liters	Discharge Bore	Viscosity	Lenght	Width	Height
				(mm)		
CLHA-10	300cc	Ø4 Ø6 Ø8 PT1/8	Grease NLGI Grades 0 to 000	134	95	315
CLHA-20	600cc			134	95	315
CLHA-35	1000cc			166	112	340
CLHA-40	800cc			134	95	325
CLHA-50	2000cc			166	127	392

Fixed Hole Distance(mm) 70,75 - Max. Pressure 100 bar - Max Volume 2cc-stroke



The Piping of CLHA Type Grease Lubrication System Example

CLHA-20 Standard Externals

CLHA-35 CLHA-20

CLH	A	20	R	D	l	※
Grease Manual Lubricator	Tank Capacity	Discharge Outlet Side	Outlet Connector	Discharge Bore	Special Request	
	10 : 300cc	L : Left Hand Outlet	H : Elbow Adapter	0 : Ø4		
	20 : 600cc	R : Right Hand Outlet	D : Straight Adapter	1 : Ø6		
	35 : 1000cc	D : Dual Outlets	B : Block	2 : Ø4 (With Pressure Gauge)		
	40 : 800cc			3 : Ø6 (With Pressure Gauge)		
	50 : 2000cc			4 : Ø8		
				5 : Ø8 (With Pressure Gauge)		
				6 : PT1/8		
				7 : PT1/8 (With Pressure Gauge)		

CLHA-25 TYPE GREASE TUBE, CLHP-40 TYPE HARD SPRING GREASE MANUAL LUBRICATOR

Model	Effective Capacity	Max. Volume	Max. Pressure	Discharge Bore	Remark	Lenght	Width	Height
						(mm)		
CLHA-25	Grease Tube	2cc/ stroke	100kgf/cm ²	Ø4	Grease Tube Thread A:M15xP2.5 B:M15xP2.0	134	95	358
CLHP-40	650cc			Ø6				
CLHP-50	1500cc			Ø8	Grease NLGI 000-2	166	127	392

Fixed Hole Distance (mm) 70mm

CLHP-40 CLHP-40 Standard Externals

CLHA-25 with Grease Tube CLHA-25 with Grease Tube Externals

CLHP	40	R	D	l	※
Grease Manual Lubricator P : With Hard Spring Viscosity NLGI 000-2	Effective Capacity	Outlet	Outlet Adapter	Discharge Bore	Special Request
	40 : 650cc	L : Left Hand Outlet	H : Elbow Adapter	0 : Ø4	
	50 : 1500cc	R : Right Hand Outlet	D : Straight Adapter	1 : Ø6	
		D : Dual Outlets	B : Block	2 : Ø4 (With Pressure Gauge)	
				3 : Ø6 (With Pressure Gauge)	
				4 : Ø8	
				5 : Ø8 (With Pressure Gauge)	
				6 : PT1/8	
				7 : PT1/8 (With Pressure Gauge)	

CLHA	25	R	D	l	A	※
Grease Manual Grease Tube Lubricator	Grease Tube 25 : 400cc	Outlet	Outlet Adapter	Discharge Bore	Grease Tube Thread	Special Request
		L : Left Hand Outlet	H : Elbow Adapter	0 : Ø4	A : M15xP2.5	
		R : Right Hand Outlet	D : Straight Adapter	1 : Ø6	B : M15xP2.0	
		D : Dual Outlets	B : Block	2 : Ø4 (With Pressure Gauge)		
				3 : Ø6 (With Pressure Gauge)		
				4 : Ø8		
				5 : Ø8 (With Pressure Gauge)		
				6 : PT1/8		
				7 : PT1/8 (With Pressure Gauge)		

CLAB TYPE PRESSURE RELIEF MANUAL LUBRICATOR

Model	Max. Volume	Max. Pressure	Capacity	Discharge Bore	Outlet Number	Fixed Hole Distance (mm)	Lenght	Width	Height	
							(mm)			
CLAB-6	8cc	15kgf/cm ²	350cc	Ø4	1	85,85	112	134	188	
					2					
					Ø6					1
					2					
CLAB-8	8cc	15kgf/cm ²	600cc	Ø4	1	100,110	124	138	207	
					2					
					Ø6					1
					2					

Oil Viscosity - 32-68cSt@40°C

CLAB-6-D-H-1 CLAB-8-R-H-1

CLAB-8-R-H-1 Standard Externals

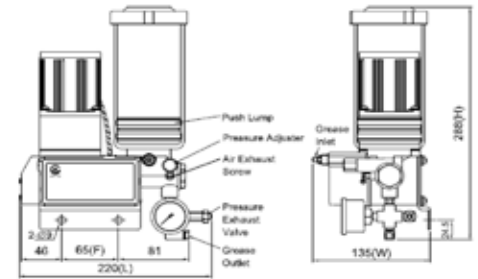
CLAB	6	R	H	l	※
Model : Pressure-Relief Type	Tank Capacity	Discharge Outlet Side	Outlet Adapter	Discharge Bore	Special Request
	6 : 350cc	L : Left Hand Outlet	H : Elbow Adapter	0 : Ø4	
	8 : 600cc	R : Right Hand Outlet	D : Straight Adapter	1 : Ø6	
		D : Dual Outlets	B : Block		

KSC TYPE GREASE TUBE ELECTRIC LUBRICATOR

MODEL	Capacity	Operation Time	Interval Time	Motor Output Watt	Voltage	Ampere	Hertz	Discharge Bore	Max. Volume
KSC-30	600cc	Controlled by PLC		20W	DC24V	0.4A	50/60Hz Compatible	Ø4	15 cc/min
KSC-35	1000cc			15W				Ø6	
KSC-40	800cc			110V	Ø8				
KSC-50	2000cc			220V	PT1/8				

Max Pressure 150kgf/cm² Viscosity - Grease NGLI Grades 0 to 000

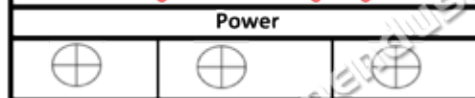
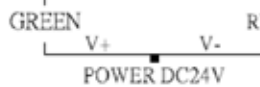
Model	Fixed Hole Distance (mm)	Length	Width (mm)	Height
KSC-30	65mm	220	135	288
KSC-35			161	300
KSC-40			135	342
KSC-50			161	385



KSC-30 Standard Externals



KSC-30(110/220V)

KSC Single Phase Wiring Diagram

KSC Type DC24V Wiring Diagram

Note:

1. Connect proper power.
2. Follow wiring diagram.
3. Electric current shouldn't be over loaded than 1.2.A

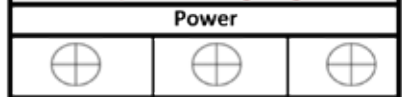
KS	C	30	C	3	※
Electric Grease Lubricator	Controlled by PLC	Tank Capacity 30 : 600cc 35 : 1000cc 40 : 800cc 50 : 2000cc	Voltage A : 110V C : 220V K : DC24V	Discharge Bore 0 : Ø4 1 : Ø6 2 : Ø4 (With Pressure Gauge) 3 : Ø6 (With Pressure Gauge) 4 : Ø8 5 : Ø8 (With Pressure Gauge) 6 : PT1/8 7 : PT1/8 (With Pressure Gauge)	Special Request KSC-30-40-50 can be added RC: Magnetic Level Switch (NC) RO: Magnetic Level Switch (NO) KSC-30-40 can be added S: Sensor Level Switch

KSBP & KSCP TYPE HARD SPRING GREASE ELECTRIC LUBRICATOR

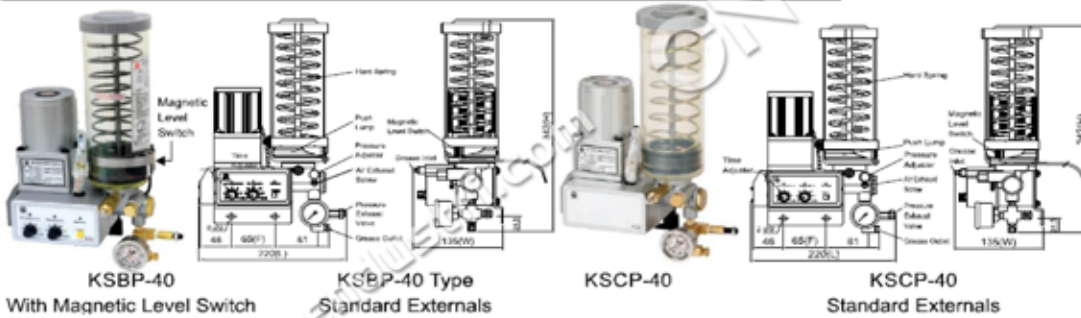
Model	Capacity	Operation Time	Interval Time	Motor	Voltage	Ampere	Hertz	Discharge Bore	Max. Volume
KSBP-40	650cc	3sec-12min	1-180min or 1-360	20W	DC24V	0.4A	50/60Hz Compatible	Ø4	15 cc/min
KSBP-50	1500cc			15W				Ø6	
KSCP-40	650cc	Controlled by PLC		110V	0.5A	Ø8			
KSCP-50	1500cc			220V	0.2A	PT1/8			

Max Pressure 150kgf/cm² Viscosity - Grease NGLI Grades 000 to 2

Model	Fixed Hole Distance (mm)	Length	Width (mm)	Height
KSBP-40	65mm	220	135	342
KSBP-50			161	385
KSCP-40			135	342
KSCP-50			161	385

KSBP-KSCP Single Phase 110V/220V Wiring Diagram

Note:

1. Connect proper power
2. Follow wiring diagram to connect wires.
3. Electric current shouldn't be over loaded than 1.2.A

KSBP - KSCP Type DC24V Wiring Diagram


KS	C	40	180	C	3	※	KS	C	40	C	3	※
Grease Electric Lubricator	Controlled by Timer	Effective Capacity 40 : 650cc 50 : 1500cc	Interval Time 180 : 180 min 360 : 360 min	Voltage A : 110V C : 220V K : DC24V	Discharge Bore 0 : Ø4 1 : Ø6 2 : Ø4 (W/PG) 3 : Ø6 (W/PG) 4 : Ø8 5 : Ø8 (W/PG) 6 : PT1/8 7 : PT1/8 (W/PG)	Special Request KSCP-40-50 can be added RC: Magnetic Level Switch (NC) RO: Magnetic Level Switch (NO) W/PG: With Pressure Gauge	Grease Electric Lubricator	Controlled by PLC	Effective Capacity 40 : 650cc 50 : 1500cc	Voltage A : 110V C : 220V K : DC24V	Discharge Bore 0 : Ø4 1 : Ø6 2 : Ø4 (W/PG) 3 : Ø6 (W/PG) 4 : Ø8 5 : Ø8 (W/PG) 6 : PT1/8 7 : PT1/8 (W/PG)	Special Request KSCP-40-50 can be added RC: Magnetic Level Switch (NC) RO: Magnetic Level Switch (NO) W/PG: With Pressure Gauge

KGH-2L GREASE ELECTRIC LUBRICATOR

Model	Capacity	Act Time	Interval Time	Motor	Max. Volume	Max. Pressure	Voltage	Ampere	Motor Direction
KGH	2000 cc	Controlled By		125W	4.8 cc/min	300 kg/cm ²	DC24V	5A	Anti-Clockwise
	Wiring	Discharge Bore		Grease Viscosity	Fixed Hole Distance(mm)		Lenght	Width	Height
	1 Means- 2 Means+	Ø4xPT1/4 Ø6xPT1/4 Ø8xPT1/4 Ø10xPT1/4		NLGI 000~2	160		274	183	268

KGH— 2L 1 K 1 ※

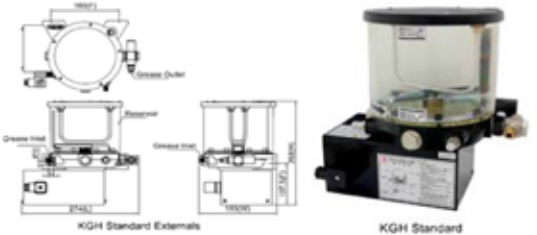
Tank Capacity: 1: 1 Outlet, 2: 2 Outlets, 3: 3 Outlets

Outlet Number

Voltage: K: DC24V

Discharge Bore: 0: Ø4 x PT1/4, 1: Ø6 x PT1/4, 2: Ø8 x PT1/4, 3: Ø10 x PT1/4

Special Request: A: Add a transformer to change to AC 110V, C: Add a transformer to change to AC 220V, N: Add a transformer to change to AC 110/220V and add a timer, KC: Add a Capacitive Level Switch (NC), KO: Add a Capacitive Level Switch (NO)



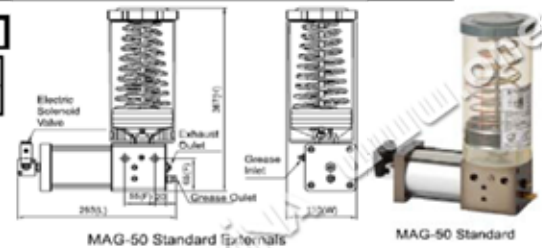
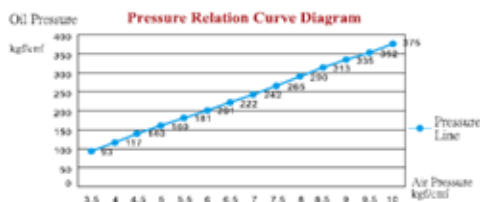
MAG GREASE PNEUMATIC LUBRICATOR

Model	Effective Capacity	Discharge Volume	Discharge Frequency	Grease Inlet	Discharge Bore	Air Inlet	Lenght	Width	Height
MAG	1.5L	2.5cc/Stroke	Act 25sec Interval 5 sec	PT1/8 Grease Nipple	Ø4xPT1/4 Ø6xPT1/4 Ø8xPT1/4 Ø10xPT1/4	Ø8 Ø10	293	130	367

Fixed Hole Distance(mm) 55 - Grease Viscosity NLGI 000~2

Pressure Chart

Air Pressure (kgf/cm ²)	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
Lubricator Output Pressure (kgf/cm ²)	93	117	140	160	181	201	222	242	265	290	313	335	352	375



MAG 50 0 1 0

Tank Capacity: 1.5L

Air Inlet: 0: Ø8, 1: Ø10

Discharge Bore: 0: Ø4, 1: Ø6, 2: Ø8, 3: Ø10

Electric Solenoid Valve: 0: Without 3/2 Way Direct Solenoid Valve, 1: With 3/2 Way Direct Solenoid Valve, 2: Other Type Solenoid Valve (Please Specify it)

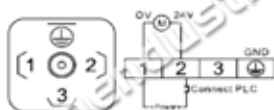
Special Request: G: Add a Pressure Gauge, RC: Magnetic Level Switch (NC), RO: Magnetic Level Switch (NO)

KGA, KGAP RESISTANCE TYPE GREASE ELECTRIC LUBRICATOR

Model	Operation Time	Interval Time	Voltage (V)	Motor (W)	Ampere	
KGA	Controlled by PLC		DC 24V	35±3W	1.5A	
	Tank Code	Effective Capacity	Max Vol.	Max. Pressure	Thermal Control	
			15 cc/min	150 bar	60°C	
			Lenght	Width	Height	Weight (kg)
	30	600 cc.	184	109	257	1.16
35	1000 cc.	206	113	269	1.12	
40	800 cc.	184	109	311	1.18	
KGAP	40	650 cc.	184	109	311	1.53

Wiring Diagram

M: Motor
Power: Power
GND: Ground



KGA 30 K I ※

Resistance Grease Electric Lubricator Grease Lubricator (Suitable for NLGI 000-0)

Tank Capacity: 30: 600 cc, 35: 1000 cc, 40: 800 cc

Voltage: K: DC24V

Discharge Bore: 0: Ø4xPT1/4, 1: Ø6xPT1/4, 2: Ø8xPT1/4

Special Request: A: Add a transformer to change to AC110V, C: Add a transformer to change to AC220V, PC: Pressure Switch (NC), PO: Pressure Switch (NO), RC: Magnetic Level Switch (NC), RO: Magnetic Level Switch (NO)

KGAP 40 K I ※

Resistance Grease Electric Lubricator P: W/Hard Spring (Suitable for NLGI 000-2)

Effective Capacity: 40: 650 cc

Voltage: K: DC24V

Discharge Bore: 0: Ø4xPT1/4, 1: Ø6xPT1/4, 2: Ø8xPT1/4

Special Request: A: Add a transformer to change to AC110V, C: Add a transformer to change to AC220V, PC: Pressure Switch (NC), PO: Pressure Switch (NO), RC: Magnetic Level Switch (NC), RO: Magnetic Level Switch (NO)



KG, KGNP RESISTANCE TYPE GREASE ELECTRIC LUBRICATOR

Model	Op.Time	Int.Time	Motor (W)	Voltage (V)	Ampere	Hertz	Max. Volume	Max. Pres.	
KGN	1-999sec	1-999min or 1-999sec	60 W	AC 110V	1.8A	50/60 HZ	30 cc/min	100 bar	
			80 W	AC 220V	1.0 A				
	Dis. Bore	Pressure Switch	Tank Code	Tank Capacity	Lenght	Width	Height	(mm)	
KGNP	PT 1/8	NC 60 bar	35	1000 cc.	237	146	290		
			50	2000 cc.	245	146	375		
KGNP			07[1]	700 cc.	241	156	297		

Note 1: Tank Code 07 is for 700cc disposable grease cartridge. A grease cartridge is not included for the standard specification.



KGNP-50



KGN-35-A-3-PC

KGN-35-A-3-PC Externals

CEN04 Single Phase Wiring Diagram

Irregular Output			Ground	Power
NO(A)	NC(B)	COM	GND(P.E)	POWER
⊕	⊕	⊕	⊕	⊕ ⊕

KG N 35 2 C S
 N : Timer Control (Suitable for NLGI 000-0) | Tank Capacity 35 : 1000cc 50 : 2000cc | Time (Act x Interval) 1 : sec x sec 2 : sec x min | Voltage A : 110V C : 220V | Discharge Bore 1 : Ø6 3 : Ø6 W/Pressure Gauge 4 : Ø8 5 : Ø8 W/Pressure Gauge 6 : PT1/8 7 : PT1/8 W/Pressure Gauge | Special Request PC : Pressure Switch (NC) RC : Magnetic Level Switch (NC)

KG NP 07 2 C S
 N : Timer Control | Tank Capacity 07 : For 700cc Grease Cartridge | Time (Act x Interval) 1 : sec x sec 2 : sec x min | Voltage A : 110V C : 220V | Discharge Bore 1 : Ø6 3 : Ø6 W/Pressure Gauge 4 : Ø8 5 : Ø8 W/Pressure Gauge 6 : PT1/8 7 : PT1/8 W/Pressure Gauge | Special Request PC : Pressure Switch (NC) RC : Magnetic Level Switch (NC)

KGC, KGCP RESISTANCE TYPE GREASE ELECTRIC LUBRICATOR

Model	Operation Time	Interval Time	Voltage (V)	Motor (W)	Ampere	Max Volume	Coercive Feed-Grease	
KGC & KGCP	Controlled by PLC		AC 110V	60 W	1.8 A	AC 110V	AC125V 3A AC250V 1A	
			AC 220V	80 W	1 A	AC 220V		
			DC 24V	60 W	1.65 A	3Ø220V		
			3Ø220V	60 W	1 A	3Ø380V		
			3Ø380V	60 W	1 A	DC 24V	35 cc/min	NONE
KGC	Max Pressure	Hertz(Hz) Viscosity	Pressure Switch	Tank	Tank Capacity	Lenght	Width	Height
						(mm)		
KGCP	100 bar	50/60 Hz	NC or NO 60 Bar	35	1000 cc.	191	146	290
				50	2000 cc.	199	146	375
				07 [1]	700 cc.	195	156	297

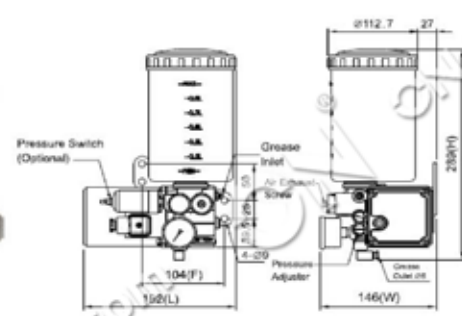
Note 1: Tank Code 07 is for 700cc disposable grease cartridge. A grease cartridge is not included for the standard specification.



KGCP-50

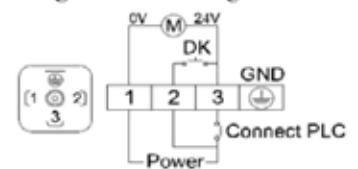


KGC-35-A-3-PC



KGC-35-A-3-PC Externals

Single Phase Voltage



M: Motor
 GND: Ground
 DK: Coercive Feed-Oil
 Power: Power
 ✖ Ignore positive and negative pole when it is AC Voltage

KG C 35 C S
 Resistance Type Electric Grease Lubricator | Tank Capacity 35 : 1000cc 50 : 2000cc | Voltage A : 1Ø110V C : 1Ø220V K : DC24V M : 3Ø220V N : 3Ø380V | Discharge Bore 1 : Ø6 3 : Ø6 W/Pressure Gauge 4 : Ø8 5 : Ø8 W/ Pressure Gauge 6 : PT1/8 7 : PT1/8 W/Pressure Gauge | Special Request PC : Pressure Switch (NC) PO : Pressure Switch (NO) RC : Magnetic Level Switch (NC) RO : Magnetic Level Switch (NO)

KG CP 07 C S
 Resistance Type Electric Grease Lubricator | Tank Capacity 07 : For 700cc Grease Cartridge | Voltage A : 1Ø110V C : 1Ø220V K : DC24V M : 3Ø220V N : 3Ø380V | Discharge Bore 1 : Ø6 3 : Ø6 W/Pressure Gauge 4 : Ø8 5 : Ø8 W/ Pressure Gauge 6 : PT1/8 7 : PT1/8 W/Pressure Gauge | Special Request PC : Pressure Switch (NC) PO : Pressure Switch (NO) RC : Magnetic Level Switch (NC) RO : Magnetic Level Switch (NO)

*KGC-50 is suitable for NLGI 000-2
 *Grease Cartridge is suitable for NLGI 000-1

KGNB, KGNBP PRESSURE-RELIEF GREASE PNEUMATIC LUBRICATOR

Model	Op.Time	Int.Time	Motor (W)	Voltage (V)	Ampere	Hertz	Max. Volume	Max. Pres.
KGNB	1-999 sec.	1-999 min. or 1-999 sec.	60 W	AC 110V	1.8A	50/60 HZ	30 cc/min	100 bar
			80 W	AC 220V	1 A			
	Dis. Bore	Pressure Switch	Tank Code	Tank Capacity	Lenght	Width	Height	
KGNBP	PT1/8	NC 60bar	35	1000 cc.	237	163	295	
			50	2000 cc.	245	163	380	
			07[1]	700 cc.	241	163	302	

Note 1: Tank Code 07 is for 700cc disposable grease cartridge. A grease cartridge is not included for the standard specification.

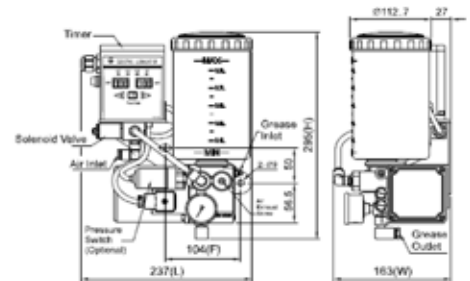
KGNB, KGNBP Single Phase Wiring Diagram

Irregular Output			Ground	Power
NO(A)	NC(B)	COM	GND(P.E)	POWER
⊕	⊕	⊕	⊕	⊕ ⊕

KG NB	35	2	C	5	※
Pressure-Relief Type Grease Electric Lubricator N : Controlled by Timer B : Pressure-Relief Type	Tank Capacity 35 : 1000 cc 50 : 2000 cc	Time (Act x Interval) 1 : sec x sec 2 : sec x min	Voltage A : 110V C : 220V	Discharge Bore 1 : Ø6 3 : Ø6 W/Pressure Gauge 4 : Ø8 5 : Ø8 W/Pressure Gauge 6 : PT1/8 7 : PT1/8 W/Pressure Gauge	Special Request PC : Pressure Switch (NC) RC : Magnetic Level Switch (NC)
KG NBP	07	2	C	5	※
Pressure-Relief Type Grease Electric Lubricator N : Controlled by Timer B : Pressure-Relief Type P : With Hard Spring	Effective Capacity 07 : For 700cc Grease Cartridge	Time (Act x Interval) 1 : sec x sec 2 : sec x min	Voltage A : 110V C : 220V	Discharge Bore 1 : Ø6 3 : Ø6 W/Pressure Gauge 4 : Ø8 5 : Ø8 W/Pressure Gauge 6 : PT1/8 7 : PT1/8 W/Pressure Gauge	Special Request PC : Pressure Switch (NC) RC : Magnetic Level Switch (NC)



KGNBP-07 KGNB-35-C-5-PC



KGNB-35-C-5-PC Externals

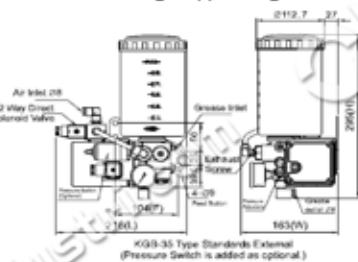
KGB, KGBP PRESSURE-RELIEF GREASE PNEUMATIC LUBRICATOR

Model	Op.Time	Int.Time	Voltage (V)	Motor (W)	Ampere of Motor	Ampere of 3/2 Way Direct Solenoid Valve	Feed-Grease Button
KGB	Controlled by PLC		AC 110V	60 W	1.8 A	AC 110V	AC125V 3A
			AC 220V	80 W	1 A	AC 220V	AC250V 1A
			DC 24V	60 W	1.65 A	3Ø220V	
	Max Volume		Max Pres.	Hertz (Hz)	Pres. Sw.	Viscosity	Motor Rotation
	AC 110V AC 220V DC 24V	30 cc/min	100 bar	50/60 (Hz)	NC or NO 60 bar	Grease NLGI grades 000 to 0	Anti-Clockwise
Tank Code	Effective Capacity	Lenght	Width	Height	Weight(kg)		
35	1000 cc.	216	163	295	3.4		
50	2000 cc.	224	163	380	4.7		
KGBP	07[1]	700 cc.	220	163	302	3.6	

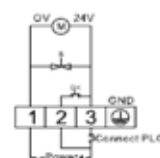
Note 1: Tank code 07: Replaceable Grease cartridge type. A grease cartridge is not included for the standard specification.



KGBP-07 KGB-35

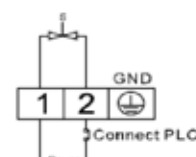
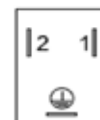


KGB-35 Type Standards External (Pressure Switch is added as optional)



M: Motor
DK: Feed-Grease Button
S: 3/2 Way Direct Solenoid Valve

For AC voltage, please ignore 0V and 24V while wiring.



KG B	35	C	5	※
Pressure-Relief Type Grease Electric Lubricator B : Pressure-Relief Type	Tank Capacity 35 : 1000cc 50 : 2000cc	Voltage A : 110V C : 220V K : DC24V	Discharge Bore 1 : Ø6 3 : Ø6 W/Pressure Gauge 4 : Ø8 5 : Ø8 W/Pressure Gauge 6 : PT1/8 7 : PT1/8 W/Pressure Gauge	Special Request PC : Pressure Switch (NC) PO : Pressure Switch (NO) RC : Magnetic Level Switch RO : Magnetic Level Switch
KG BP	07	C	5	※
Pressure-Relief Type Grease Electric Lubricator B : Pressure-Relief Type P : With Hard Spring	Tank Capacity 07 : For 700cc Grease Cartridge	Voltage A : 110V C : 220V K : DC24V	Discharge Bore 1 : Ø6 3 : Ø6 W/Pressure Gauge 4 : Ø8 5 : Ø8 W/Pressure Gauge 6 : PT1/8 7 : PT1/8 W/Pressure Gauge	Special Request PC : Pressure Switch (NC) PO : Pressure Switch (NO) RC : Magnetic Level Switch RO : Magnetic Level Switch

① Grease cartridge type is only available for KGBP model.

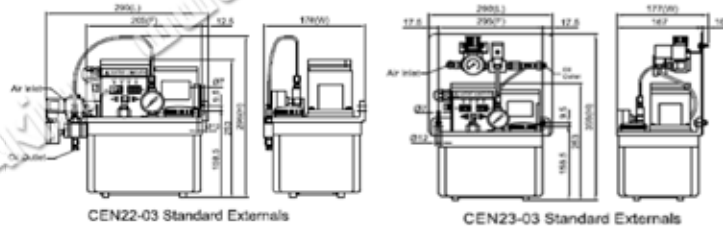
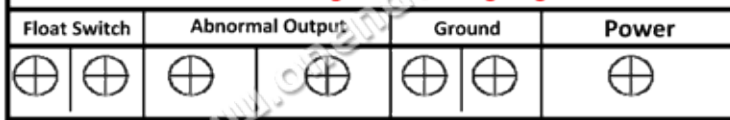
The wire 1 and wire 2 need to be connected with 3/2 Way Direct Solenoid Valve while the wire 3 and wire 4 need to be connected with motor in. Order to make KGB lubricator work correctly.

CEN 22 HORIZONTAL, CEN23 VERTICAL TYPE OIL-MIST ELECTRIC LUBRICATORS

Model	Act Time	Invertal Time	Motor	Max Volume	Max Pressure	1Ø Voltage	Ampere	Hertz	Discharge Bore
CEN22 Horizontal	1-999sec	1-999 sec	25W	200cc/min.	15kgf/cm ²	110V 220V	0.6A 0.3A	50/60Hz	Ø4orØ6
CEN23 Vertical		1-999min							

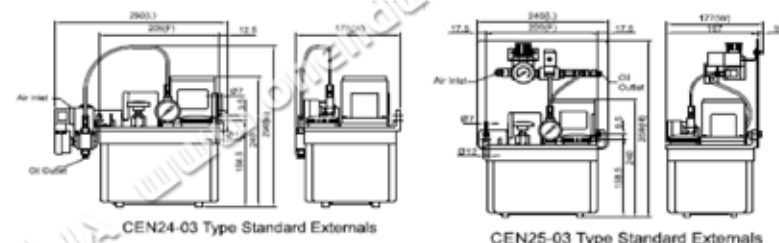
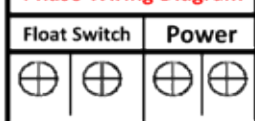
Oil Viscosity 32-68cSt@40°C

Model	Tank Code	Tank Material	Capacity	Fixed Hole Distance (mm)	Lenght	Width		Height
						(mm)		
CEN22	3	Resin	3L	205	290	178		296
	4		4L	250	349	178		315
CEN 23	3	Resin	3L	205	240	177		359
	4		4L	250	277	185		383

CEN22-CEN23 Single Phase Wiring Diagram

CEN 24 HORIZONTAL, CEN25 VERTICAL TYPE OIL-MIST ELECTRIC LUBRICATORS

Model	Motor	Max Volume	Max Pressure	1Ø Voltage	Ampere	Hertz	Discharge Bore	Oil Viscosity
CEN24 Horizontal	25W	200cc/min.	15kgf/cm ²	110V 220V	0.6A 0.3A	50/60Hz	Ø4orØ6	32-68cSt@40°C
CEN25 Vertical								

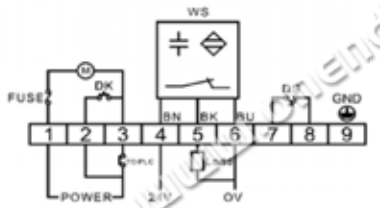
Model	Tank Code	Tank Material	Capacity	Fixed Hole Distance (mm)	Lenght	Width		Height
						(mm)		
CEN24	3	Resin	3L	205	290	178		296
	4		4L	250	349	178		315
CEN25	3	Resin	3L	205	240	177		359
	4		4L	250	277	185		383

CEN24-CEN25 Single Phase Wiring Diagram


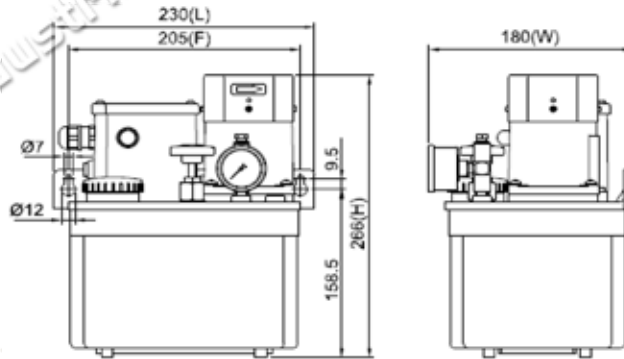
KGVB PRESSURE RELIEF TYPE FLUID GREASE LUBRICATOR

Model	Motor (W)	Max. Volume	Max. Pressure	Voltage (V)	Ampere	Hertz	Dis. Bore	Pressure Switch	Grease Viscosity
KGVB	40W	170 cc/min	50 bar	1Ø110V 1Ø220V 3Ø220/380V	0.8A 0.5A 0.35A	50/60Hz	Ø6	NC or NO Contact 30 bar	NLGI 000
Model	Tank Code			Fixed Hole Distance (mm)	Length	Width (mm)	Height	Weight (kg)	
	Code	Capacity	Material						
KGVB	03	3L	Resin	205	230	180	266	5.29	
	04	4L	Resin	250	277	162	286	5.89	
	05	4L	Aluminyum	95x280	297	170	276	6.84	
	08	8L	Iron	95x338	355	200	299	9.54	

KGVB Three Phase Wiring Diagram



M : Motor **F** : Fuse **DK** : Feed Button
TO PLC : Connect PLC **Power** : Power
WS : Capacitive Level Switch **L** : Load
DS : Pressure Switch **GND** : Ground



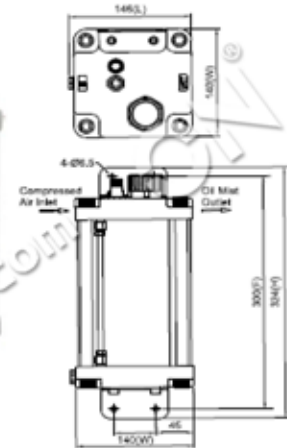
COM TYPE PNEUMATIC OIL MIST LUBRICATOR

Model	Capacity	Air Inlet Thread	Max. Pressure	Operation Temperature	Fixed Hole Distance(mm)	Length	Width	Height
						(mm)	(mm)	(mm)
COM	2L	PT1/4	PT1/4	15kgf/cm ²	300 mm	146	140	324
	6L				620 mm			644

COM | **02** | ✱
 Pneumatic Type Oil-Mist Lubricator | 02 : 2L, 06 : 6L | Special Request
 S : Add a Level Switch | B : Add an OB Spray Gun, Oil Inlet Ø6



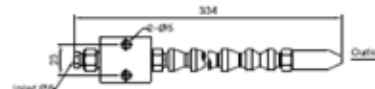
COM Standard



COM Standard Externals



OB Spray Gun



OB Spray Gun Externals

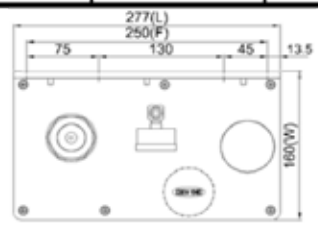
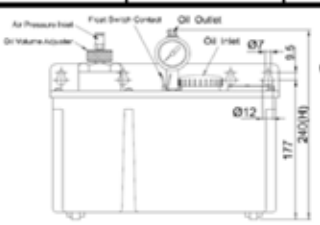
PNA RESISTANCE TYPE PNB PRESSURE-RELIEF TYPE PNEUMATIC LUBRICATORS

Model	Dis. Volume	Input Air Pressure		Discharge Bore	Air Pressure Inlet	Oil Viscosity
PNA	0-8 cc/stroke (Adjustable)	4kgf/cm ²	14kgf/cm ²	Ø4 or Ø6	Ø4 or Ø6 Air Quick Joint Inlet Thread M5	10-220cSt@40°C
		5kgf/cm ²	18kgf/cm ²			
		6kgf/cm ²	23kgf/cm ²			
		7kgf/cm ²	28kgf/cm ²			
PNB Pressure-Relief Type	8 cc/stroke	4kgf/cm ²	14kgf/cm ²	Ø4 or Ø6	Ø4 or Ø6 Air Quick Joint Inlet Thread PT1/4	10-220cSt@40°C
		5kgf/cm ²	18kgf/cm ²			
		6kgf/cm ²	23kgf/cm ²			
		7kgf/cm ²	28kgf/cm ²			



Model	Tank Code	Tank Material	Capacity	Fixed Hole Distance (mm)	Length	Width	Height
PNA	01	Resin	2L	144	168	118	226
	02	Aluminum	2L	95x200	217	151	210
	03	Resin	3L	205	231	165.5	221
	04	Resin	4L	250	277	160	240
	05	Aluminum	4L	95x280	297	170	230
	08	Iron	8L	95x338	355	200	250

Model	Tank Code	Tank Material	Capacity	Fixed Hole Distance (mm)	Length	Width	Height
PNB	01	Resin	2L	144	168	118	226
	02	Aluminum	2L	95x200	217	151	210
	03	Resin	3L	205	231	165.5	221
	04	Resin	4L	250	277	160	240
	05	Aluminum	4L	95x280	297	170	230
	08	Iron	8L	95x338	355	200	250



Model
A : Resistance Type
B : Pressure-Relief Type

Tank Capacity(Material)
01 : 2L (Resin)
02 : 2L (Aluminum)
03 : 3L (Resin)
04 : 4L (Resin)
05 : 4L (Aluminum)
08 : 8L (Iron)

Discharge Bore
0 : Ø4
1 : Ø6
2 : Ø4 (With Pressure Gauge)
3 : Ø6 (With Pressure Gauge)

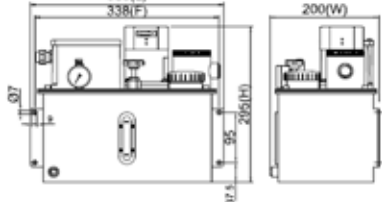
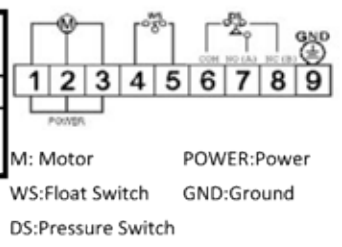
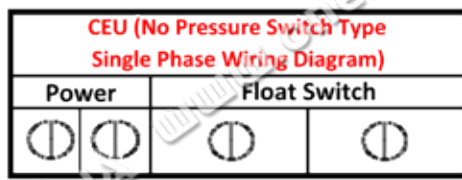
Air Quick Joint
0 : Ø4
1 : Ø6

Special Request
⊕C : Add a 40μ magnetic filter (only available for 3L & 4L oil tank)
⊕P : Add a pressure switch
⊕D : Add a Partition (only available for 3L & 4L oil tank)

CEU TYPE CIRCULATING ELECTRIC LUBRICATOR

Model	Motor	Max. Volume	Max. Pressure	Voltage	Ampere	Hertz	Discharge Bore	Cyclic Inlet	Oil Viscosity
CEU	25W	250cc/min	15kgf/cm ²	1Ø 110V 1Ø 220V 3Ø Optional	0.6A 0.3A 0.3A	50/60Hz	Ø4 or Ø6	1/2" or 3/4"	32-68cSt @40°C
	60W	600cc/min	30kgf/cm ²	1Ø 110V 1Ø 220V 3Ø Optional	1.2A 0.6A 1.6A				

Model	Tank Code	Tank Material	Capacity	Fixed Hole Distance (mm)	Length	Width	Height
CEU (25W)	08	Iron	8L	95x338	355	200	295
	20		20L	410x200	446	267	371
	40		64L	450x300	560	441	506
CEU (60W)	08	Iron	8L	95x338	355	200	334
	20		20L	410x200	446	267	437
	40		64L	450x300	560	480	572



CEU-08 Type Standard Externals

COA TYPE OIL-AIR ELECTRIC LUBRICATORS

Model	Act	Inverval	Motor	Max. Volume	Max. Pressure	1ØVoltage	Ampere	Hertz	Discharge Bore	Pressure-Relief
	Time									
COA	1-999sec		25W	250cc/min	20kgf/cm ²	110V	0.6A	50/60Hz	Ø4 or Ø6	O
						220V	0.3A			
			60W	500cc/min	30kgf/cm ²	110V	1.2A			
						220V	0.6A			

Oil Viscosity - 32-68cSt@40°C
Suitable Distributor - Oil-Air Distributor Volume Distributor

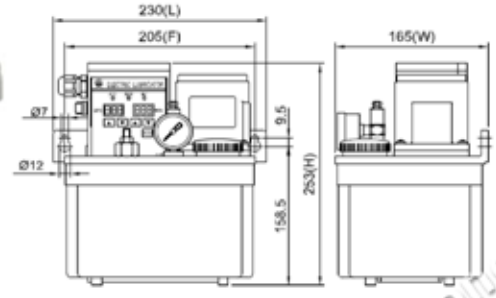
Model	Tank Code	Tank Material	Capacity Liters	Fixed Hole Distance(mm)	Length	Width (mm)	Height
COA (25W)	03	Resin	3L	205	230	165	253
	04		4L	250	277	162	272
	05	Aluminum	4L	95x280	297	170	264
	08	Iron	8L	95x338	355	200	286
COA (60W)	05	Aluminum	4L	95x280	297	170	310
	08	Iron	8L	95x338	355	200	334

COA Single Phase Wiring Diagram

Abnormal Output			Ground	Power
NO(A)	NC(B)	COM	GND(P.E)	POWER
⊕	⊕	⊕	⊕	⊕ ⊕



COA-03 Standard

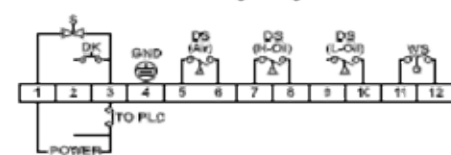


COA-03 (25W) Type Standard External

POA PNEUMATIC OIL AIR LUBRICATORS

Model	Operation Time	Inverval Time	Dis. Volume	Tank Capacity	Oil Viscosity	
POA	Controlled by PLC		5cc/stroke	3L	10-60cSt@40°C	
	Air. Dis. Bore		Oil Dis. Bore		N.W.(kg)	
	Ø8		Ø6		5.5	
	Voltage		Pressure Switch			
	AC 110V		NC or NO, 20 bar (H-Oil)			
	AC 220V		NC or NO, 1 bar (L-oil)			
	DC 12V		NC or NO, 3,4 bar (air)			
DC 24V		Standard is NC Contact				

POA Standard Wiring Diagram



- S: Way Direct Solenoid Valve
- DK: Oil-Feed Button
- DS: Pressure Switch
- WS: Float Switch
- GND: Ground
- Power: Power
- TO PLC: Connect PLC

POA

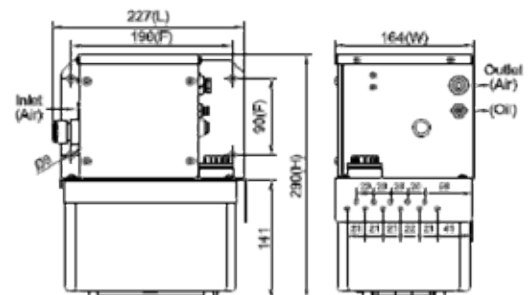
3L
Tank Capacity

C
Voltage
A : AC 110V
C : AC 220V
J : DC 12V
K : DC 24V

✳
Special Request
OC : OC Oil Air Volume Distributor
Please refer to OC catalog and provide the order code.



POA Standard



POA Standard External

Pressure Relation Chart (Reference Data)

Pneumatic Supply (kgf/cm ²)	3.5	4	4.5	5	5.5	6	6.5	7
Lubricator Pressure Output (kgf/cm ²)	26	30	34	38	41	45	49	53

CEF TYPE CIRCULATING ELECTRIC LUBRICATOR

Model	Act	Invertal	Motor	Max. Volume	Max. Pressure	1Ø Voltage	Ampere	Hertz	Discharge Bore	Cyclic Inlet
	Time									
CEF	3 sec-3min.	1-60 min	25W	250cc/min	15kgf/cm ²	110V	0.6A	50/60Hz	Ø4 or Ø6	1/2" or 3/4"(inch)
		1-180 min				220V	0.3A			
	1-360 min	60W	500cc/min	30kgf/cm ²	110V	1.2A				
					220V	0.6A				

Oil Viscosity - 32-68cST@40°C

Model	Tank Code	Tank Material	Capacity	Fixed Hole Distance (mm)	Length		Width		Height
					(mm)		(mm)		
CEF (25W)	05	Aluminum	4L	95x280	303		170		277
	08	Iron	8L	95x338	355		200		297
	12		12L	95x478	495		225		277
CEF (60W)	08	Iron	8L	95x338	200		200		334
	12		12L	95x478	225		225		312



CEF-05 Standard

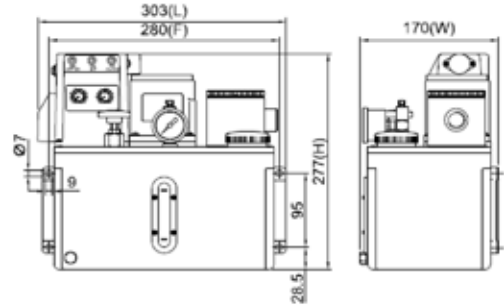
CEF Single Phase Wiring Diagram

Abnormal Output



CE F 05 060 C 25

Model : Circulating Type F : Controlled by PLC	Tank Capacity (Material) Interval 05 : 4L (Aluminum) 060 : 60min 08 : 8L (Iron) 180 : 180min 12 : 12L (Iron) 360 : 360min 20 : 20L (Iron) 30 : 30L (Iron) 36 : 36L (Iron) 40 : 40L (Iron) 60 : 60L (Iron) 64 : 64L (Iron) 77 : 77L (Iron)	Voltage Motor A : 110V 25 : 25W C : 220V 60 : 60W 90 : 90W	Discharge Bore Cyclic Inlet Ø : Ø4 A : 1/2" B : 3/4" 2 : Ø4 (With Pressure Gauge) 3 : Ø6 (With Pressure Gauge)	Special Request 60 : 8L above metal tank could be assembled with 60W motor. 90 : 8L above metal tank could be assembled with 90W motor.
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CEF-05 Type Standard Externals

CEH TYPE CIRCULATING ELECTRIC LUBRICATOR

Model	Motor	Max. Volume	Ampere	Voltage	Hertz	Max. Pressure	Discharge Bore	Cyclic Inlet	Oil Viscosity
CEH	25W	250cc/min	0.6A	110V	50/60Hz	15kgf/cm ²	Ø4 or Ø6	1/2" or 3/4" (inch)	32-68cST@40°C
			0.3A	220V					
	0.3A	3Ø Optional							
	1.2A	110V							
60W	600cc/min	0.6A	220V	30kgf/cm ²	3Ø Optional				
		0.6A	3Ø Optional						

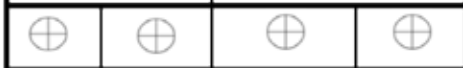
Model	Tank Code	Tank Material	Capacity	Fixed Hole Distance (mm)	Length		Width		Height
					(mm)		(mm)		
CEH (25W)	05	Aluminum	4L	95x280	297		170		250
	08	Iron	8L	95x338	355		200		270
	12	Iron	12L	95x478	495		225		250
CEH (60W)	08	Iron	8L	95x338	355		200		334
	12	Iron	12L	95x478	495		225		312



CEH-05 Standard

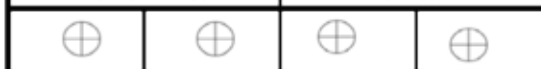
CEH Single Phase Wiring Diagram

Power Float Switch



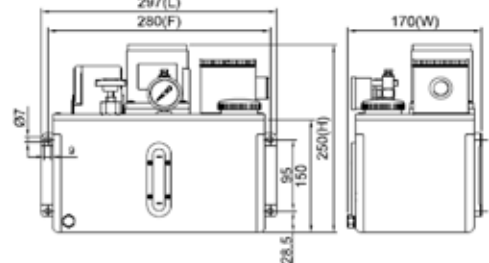
CEH ThreePhase Wiring Diagram

Connect Three Power Wires Float Switch



CE H 05 C 25 3 A

Model : Circulating Type H: Controlled by PLC	Tank Capacity (Material) Voltage 05 : 4L (Aluminum) A : 110V 08 : 8L (Iron) C : 220V 12 : 12L (Iron) D : 3Ø220/380V 20 : 20L (Iron) E : 3Ø220/440V 30 : 30L (Iron) F : 3Ø208/415V 36 : 36L (Iron) G : 3Ø230/460V 40 : 40L (Iron) H : 3Ø240/480V 60 : 60L (Iron) M : 3Ø220V 64 : 64L (Iron) N : 3Ø380V 77 : 77L (Iron) X : Special Voltage	Motor 25 : 25W 60 : 60W 90 : 90W	Discharge Bore Cyclic Inlet Ø : Ø4 A : 1/2" B : 3/4" 2 : Ø4 (With Pressure Gauge) 3 : Ø6 (With Pressure Gauge)	Special Request 60 : 8L above metal tank could be assembled with 60W motor. 90 : 8L above metal tank could be assembled with 90W motor.
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CEH-05 Type Standard Externals

SARF MALZEMELER & YEDEK EKİPMANLAR

Model	Tank Kapasite
Yedek Tank	1L Resin (Plast.)
Yedek Tank	2L Resin (Plast.)
Yedek Tank	2.5 L Resin (Plast.)
Yedek Tank	4 L Resin (Plast.)
Yedek Tank	2L Alüminyum
Yedek Tank	4L Alüminyum


2 Lt. Resin tank

4 Lt. Alum. Tank

Tank Capacity	W (DERİNLİK) mm.	L (BOY) mm.	H (YÜKSEKLİK) mm.
2 LT.	113	160	135
3 LT.	158	200	131
4 LT.	152	270	150

Model	Tank Kapasite
Yedek Grease Oil Cup Komple (Tank) CLHA-20	600 cc.
Yedek Grease Oil Cup Komple (Tank) CLHA-35	1000 cc.
Yedek Grease Oil Cup Komple (Tank) KSC & KSB	2000 cc.
Yedek Yaylı Grease Oil Cup Komple (Tank) CLHP	650 cc.
Yedek Yaylı Grease Oil Cup Komple (Tank) KSCP & KSBP	
Yedek Tank (Plastic) CLHP	650 cc.
Yedek Tank (Plastic) CLHA-35	1000 cc.
Yedek Tank (Plastic) CLHA-50 & MAG-50	2000 cc.


600cc.

650cc.

Model	Tanım
IC Board (Akıllı Kart) for	CESD/CESW
IC Board (Akıllı Kart) for	CESP
IC Board (Akıllı Kart) for	CEN01/CEN03
IC Board (Akıllı Kart) for	CEN02/CEN04
IC Board (Akıllı Kart) for	CESH
IC Board (Akıllı Kart) for	CEAB


CESW Timer kart

Model	Tanım
IC Board (Akıllı Kart) for	KSC
IC Board (Akıllı Kart) for	KSB (Timer)
IC Board (Akıllı Kart) for	KSCP
IC Board (Akıllı Kart) for	KSBP


KSB Timer kart

Model
Motor + Pump CESW
Motor + Pump CEN
SCEA25 (Pres.Relief Valve with elbows for CEN)
SCEA26 (Pres.Relief Valve for CEN)
CESMB Yedek Motor (CKD) 2 min. (10 CW rpm) 220V
CESMB Yedek Motor (CKD) 10 min. (6 CW rpm) 220V
CESMB Yedek Motor (CKD) 15 min. (2 CW rpm) 220V
CESMB Yedek Motor (CKD) 15 min. (2 CW rpm) 110V


Motor + Pump CEN
SCEA26 Pres.Relief Valve

SCEA25 Pres.Relief Valve with elbows


SMA SERIES INTERMITTENT ELECTRIC PUMP

Model	Outlet	Voltage	Intermittent off time / min.	Float Switch	Capacity	Output Press.
SMA-301	1-3 cc	110 V	1.5 ,3,5,10,15,30,60	NO	2, (4,6)	3.5 kg/cm ²
SMA-302		220V				
SMA-601	3-6 cc	110 V				
SMA-602		220V				
SMA-8.5	4-8.5 cc	110/220				
550-TM-300	YEDEK TANK 2LT.		For SMA tank	-	2 LT.	-

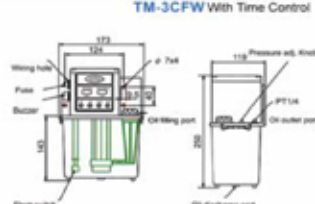
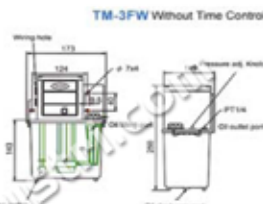
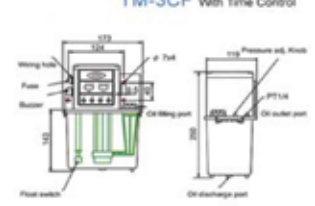
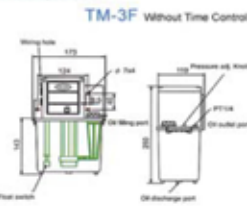


TM-3F / 3CF RESISTANT-TYPE & TM-3FW / 3CFW PRESSURE-RELIEF

Model	Outlet	Voltage	Type	Float Switch	Capacity	Output Press.
TM-301F-T2-P	300cc.	110V	Resist Lub.	float sw. N.C.	2 lt.tank	1-10 kgf/cm ²
TM-302F-T2-P		220V				
TM-301CF-T3-P	300cc.	110V	Timer Cont. & Resist Lub.		3 lt.tank	
TM-302CF-T3-P		220V				
TM-301FW-T2-P	300cc.	110V	Pres.Relief		2 lt.tank	15 kgf/cm ²
TM-302FW-T2-P		220V				
TM-301FW-T3-P	300cc.	110V	Pres.Relief		3 lt.tank	
TM-302FW-T3-P		220V				
TM-301FW-T4-P	300cc.	110V	Pres.Relief		4 lt.tank	
TM-302FW-T4-P		220V				
TM-301CFW-T3-P	300cc.	110V	Timer Cont. & Pres.Relief Lub.	3 lt.tank		
TM-302CFW-T3-P		220V				

Specification	TM-3F / 3CF Resistant-type	TM-3FW / 3CFW Pressure-relief
Motor (shield type)	AC 110 / 220 V , 1 , 2P , 75W , 50/60 Hz	
Output volume	0.3 / 0.36 L/min 50/60 Hz	
Max. Vomit volume	1-10 kgf/cm ²	15 kgf/cm ²
Voltage & Rated current	110 / 220 V 3A	
Full capacity	2L (3,4,6,8,10,12)	
Detective pressure	5 kgf/cm ² ON	12 kgf/cm ² ON
Deterctive pressure	3 kgf/cm ² OFF	8 kgf/cm ² OFF
Shield of capacity	176 / 248 VA 110 / 220 V	
Max. Shield of current	3A & AC 250V	
Min. Current through	10UA Min. Voltage throught 10mV	

2L Outside Specification



Type	Model	Outlet	Voltage	Float Switch	Pres. Rel.	Pressure app.	Rel. Run.time
Resistant type	TM-301F	0.3 / 0.36 L/min	110 V	O	X	1-10 kgf/cm ²	PLC
	TM-302F		220 V				1-99 min
	TM-301F		110 V				PLC
	TM-302CF		220 V				
Pressure relief	TM-301FW	0.3 / 0.36 L/min	110 V	O	O	15 kgf/cm ²	PLC
	TM-302FW		220 V				1-99 min
	TM-301CFW		110 V				
	TM-302CFW		220 V				

YMGP SERIES ELECTRIC LUBRICATOR

Model	Outlet Vol.	Voltage	Type of Lub.	Tank Volume	Tank Material	Press.applied
YMGP-302-FW-T2-P	300 cc/min.	220V	Pres.Relief	2 lt.	Resin	15 kgf/cm ²
YMGP-302-FWB-T2-A	240 cc/min.				Alum.	
YMGP-302-FW-T3-P	300 cc/min.			3 lt.	Resin	
YMGP-302-FWB-T3-A	240 cc/min.				Alum.	
YMGP-302-FW-T4-P	300 cc/min.			4 lt.	Resin	
YMGP-302-FWB-T4-A	240 cc/min.				Alum.	
YMGP-302-FWB-T6-A	240 cc/min.			6 lt.	Alum.	

* YMGP-301 seriler 110V olup 220V ile fiyat farkı yoktur.

* YMGP kod'lu ürünlerin bir kısmı elektrik-socket bağlantıdır.

Specification	YMGP-3F / 3CF	YMGP-3FW / 3CFW
Motor (shield type)	AC 110 / 220 V , 1 , 2P , 75W , 50/60 Hz	
Output volume	0.3 / 0.36 L/min 50/60 Hz	
Max. Vomit volume	1-10 kgf/cm ²	15 kgf/cm ²
Rated current & Voltage	110 / 220 V 3A	
Full capacity	2L (3,4,6,8,10,12)	
Detective pressure	5 kgf/cm ² ON	12 kgf/cm ² ON
Deterctive pressure	3 kgf/cm ² OFF	8 kgf/cm ² OFF
Shield of capacity	176 / 248 VA 110 / 220 V	
Max. Shield of current	3A & AC 250V	
Min. Current through	10UA Min. Voltage throught 10mV	



YMGP-302CFW-T3P



YMGP-302CFW-T4A



YMGP-302FW-T3P



YMGP-302FW-T4A

Özellik	Model	Outlet	Voltage	Float Switch	Pres.release	Press.applied	Rel.Time	Run.Time
Resistant-type	YMGP-301F	0.3 / 0.36 L/min	110 V	O	X	1-10 kgf/cm ²	PLC	PLC
	YMGP-302F		220 V	O	X			
	YMGP-301CF		110 V	O	X		1-99 min	1-99 sec
	YMGP-302CF		220 V	O	X			
Pressure-relief	YMGP-301FW	0.3 / 0.36 L/min	110 V	O	O	15 kgf/cm ²	PLC	PLC
	YMGP-302FW		220 V	O	O			
	YMGP-301CFW		110 V	O	O		1-99 min	1-99 sec
	YMGP-302CFW		220 V	O	O			

Model	Outlet Vol.	Voltage	Type of Lub.	Option	Tank It.
TK-202FW-T2P(1)	130 cc/min	220V	Resist	float sw. N.C.	2 lt.tank
TK-202CFW-T2P			Pres.Relief		

Model	TK-201 & TK-202 Resistance	TK-201 & TK-202 Pres.Relief
Motor (shield type)	AC 110 / 220 V , 1 , 2P , 75W , 50/60 Hz	
Output volume (cc/min.)	130cc / min 50/60 Hz	
Max. Vomit volume	10 kgf/cm ²	15 kgf/cm ²
Rated current & Voltage	110 / 220 V 3A	
Full capacity	2L (3,4,6,8,10,12)	
Detective pressure	5 kgf/cm ² ON	12 kgf/cm ² ON
Deterctive pressure	3 kgf/cm ² OFF	8 kgf/cm ² OFF
Shield of capacity	176 / 248 VA 110 / 220 V	
Max. Shield of current	3A & AC 250V	
Min. Current through	10UA Min. Voltage throught 10mV	



Model	Outlet	Voltage	Type of Lub.	Option	Tank It.
MKU-302FW-T2P	300cc/min.	220V	P.Relief	float sw. N.C.	2 lt.tank

MFE SERIES ELECTRIC LUBRICATOR



MFE-302FW-T3P

Model	Outlet	Voltage	Type of Lub.	Capacity	Press.applied
MFE-301-FW-T3-P	300cc.	110V	Pres.Relief	3 lt.tank	25 kgf/cm ²
MFE-302-FW-T3-P		220V		3 lt.tank	
MFE-301-FW-T4-P		110V		4 lt.tank	
MFE-302-FW-T4-P		220V		4 lt.tank	
MFE-301-FW-T4-A		110V		4 lt.tank Alum.	
MFE-302-FW-T4-A		220V		4 lt.tank Alum.	
MFE-302-FWB-T6-A		220V		6 lt.tank Alum.	

Specification	MFE-3F/3CF	MFE3FW/3CFW
Motor (shield type)	AC 110 / 220 V , 1 , 2P , 75W , 50/60 Hz	
Output volume	0.3 / 0.36 L/min 50/60 Hz	
Max. Vomit volume	1-10 kgf/cm ²	25 kgf/cm ²
Rated current & Voltage	110 / 220 V 3A	
Full capacity	2L (3,4,6,8,10,12)	
Detective pressure	5 kgf/cm ² ON	25 kgf/cm ² ON
Deterctive pressure	3 kgf/cm ² OFF	15 kgf/cm ² OFF
Shield of capacity	176 / 248 VA 110 / 220 V	
Max. Shield of current	3A & AC 250V	
Min. Current through	10UA Min. Voltage throught 10mV	



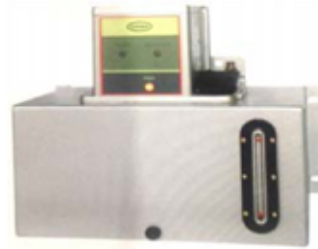
MFE-301F



MFE-302-CFW



MFE-301-FW-T4-A



MFE-302-FWB-T6-A

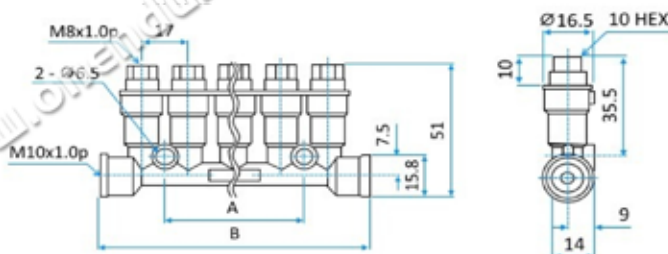









MFE-302-CFWB-T6-A

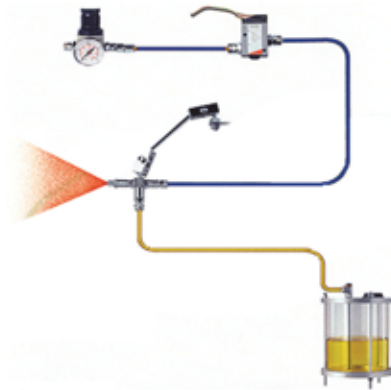
	Model	Outlet	Voltage	Float Switch	Pres.rel.unit	Press.applied	Rel. Time	Run.Time
Resistant-type	MFE-301F	0.3 / 0.36 L/min	110 V	O	X	1-10 kgf/cm ²	PLC	PLC
	MFE-302F		220 V	O	X			
	MFE-301CF		110 V	O	X		1-99 min	1-99 sec
	MFE-302CF		220 V	O	X			
Pressure-relief	MFE-301FW	0.3 / 0.36 L/min	110 V	O	O	25 kgf/cm ²	PLC	PLC
	MFE-302FW		220 V	O	O			
	MFE-301CFW		110 V	O	O		1-99 min	1-99 sec
	MFE-302CFW		220 V	O	O			








PISTON DISTRIBUTOR

Type	Outputs	International Use Code	A	B
DPB12	2	CAB-2	-	48
DPB13	3	CAB-3	17	65
DPB15	5	CAB-5	51	99
DPB16	6	CAB-6	68	116
DPB18	8	CAB-8	102	150
DPB110	10	CAB-10	137	175



Description	Model	Image
Atomizer with spherical head	DN30	
	3N3090	
	DN3090L	
Atomizer with threaded dowel	DN30M8	
	DN3090M8	
	DN3090LM8	
Atomizer "Turbo"	DNT	



Description	Model	Image
Hinge	D100	
Globe Bolt	D101	
Bar with Globe	D102	
Globeblock	D103	
Tank Lt. 1,5	D1	
Tank Lt. 3	D3	
Machine Dispenser	FLD	
Machine Dispenser	FLD-S	

MANUEL YAĞLAMA SİSTEMLERİ

Kod	Tipi	Basınç	Çıkış	Debi cc/cycle	Rezervuar (Lt.)
00.112.1 1,2	PM-4 (YENİ ÜRÜN)	3 bar	1 çıkış	4 cc./cycle	1,2 lt.
00.112.1 2,2	PM-4 (YENİ ÜRÜN)				2,2 lt.
00.112.1 3,6	PM-4 (YENİ ÜRÜN)		3,6 lt.		
00.115.0	PM-2		2 çıkış	2 cc./cycle	0,5 lt.
00.115.1	PM-6		2 çıkış	6 cc./cycle	0,5 lt.
00.115.2	PM-10	10 cc./cycle			
A78.129117	PM Plastic Rezervuar (Yedek Tank)				0,5 lt.



PM-2



PM-4

MANUEL YAĞLAMA SİSTEMLERİ

Kod	Tipi	Tanım	Basınç	Debi cc/cycle	Rezervuar (Lt.)
00.122.0	PRDG-13 NY-DX	Soft-Grease right	35 Bar	13 cc./cycle	1 lt.
00.122.1	PRDG-13 NY-SX	Soft-Grease left			
00.123.0	PRD-13 NY-SX	Oil (Left)			
00.123.1	PRD-13 NY-DX	Oil (Right)			



PRD-13
00.123.0



PRDG-13
00.122.1



MANUEL YAĞLAMA SİSTEMLERİ

Kod	Tipi	Tanım	Basınç	Debi cc/cycle	Rezervuar
00.132.0	PMG-10	Gres	150 bar	1 cc./cycle	1 kg.
00.133.0	PMO-03 (Metallic)	Oil			0,30 lt.
00.134.0	PMO-10(Metallic)	Oil			1 lt.
00.135.0	PMG-3	Sıvı Gres			0,30 kg.
00.137.2	MANUEL GRES POMPA (VAKUM TİP)		200 bar		0,40 kg.



PMG-03
00.135.0



PMG-10
00.132.0



MANUEL GRES POMPA (VAKUM TİP)



CMV-N RESISTANCE MERKEZİ YAĞLAMA SİSTEMLERİ

Kod	Tipi	Lt.	Voltaj AC	Özellik	Debi cc/dk.
90.431.0	CMV-15N C.E.	1 lt.	24VAC	Direkt	100 cc.
90.431.1			115VAC		
90.431.2			230VAC		
90.432.0	CMV-15N S.C.		24VAC	Zam. Ayarlı	
90.432.1			115VAC		
90.432.2			230VAC		
A78.129090	CMV-1 lt. PLAST REZ. (YEDEK TANK)				

90.440.3	CMV-15N C.E.	2 Lt.	24VAC	Direkt	100 cc.
90.440.4			115VAC		
90.440.5			230VAC		
90.441.3	CMV-15N S.C.		24VAC	Zam. Ayarlı	
90.441.4			115VAC		
90.441.5			230VAC		
A78.129091	CMV-2 lt. PLAST REZ. (YEDEK TANK)				

90.454.1	CMV-15N C.E.	3 Lt.	24VAC	Direkt	100 cc.
90.454.2			115VAC		
90.454.3			230VAC		
90.454.4	CMV-15N S.C.		24VAC	Zam. Ayarlı	
90.454.5			115VAC		
90.454.6			230VAC		
A78.129092	CMV-3 lt. PLAST REZ. (YEDEK TANK)				

49.040.0	TIMER	-	24,115,220V	Zaman Rölesi	-
A91.060004	24 AC YEDEK POMPA				
A91.060005	110 AC YEDEK POMPA				
A91.060006	230 AC YEDEK POMPA				



90.440.4



90.431.2



90.454.3



90.441.4



A91.060004
24V



A91.060005
110VAC

Genel Teknik Özellikler:

- * Bütün modellerde standart özel dolun (250 micron) ve emiş filtresi (60 mikron) mevcuttur.
- * Bütün modellerde standart sıvı yağ düşük yağ seviye sw. alarmı mevcuttur.
- * Seviye sensörü istenmezse (SL kodu) * yukarıdaki fiyatlardan düşülür.
- * Maksimum çalışma basıncı 13bar-188psi.Çalışma sıvı yağ viskozite aralığı 50-220 cst
- * Timerlı modellerde; durma aralığı(OFF) 2,5-180 dakika ayarlayabilme, çalışma aralığı(ON) 2,5-40 saniye ayarlayabilme. (Timersiz modellerde durma zamanı, çalışma zamanının en az iki katı olması gerekir.)
- * Bu pompalarda ByPass sistemi olmadığı için,devamlı yüksek basınçtan kaçınılmalıdır.
- * Serbest geçiş enjektör veya B tipi dağıtıcılarla kullanılmalıdır.**Bu pompalar 40 saniyeden fazla çalıştırılmamalıdır.**
- * 3 Litre modeller metal hazneli olabilir.3 Litre pompaların fiyatlarına metal rezervuar bedeli eklenir.
- * 6 litre metal rezervuarlı talebinizde * , 12 litre metal rezervuarlı talebinizde * fiyat eklenir.

new CME (VOLUMETRIC) YAĞLAMA ÜNİTELERİ

Kod	Tipi	Voltaj	Lt.	Oil	Özellik
81.O2.CE.24V	CME	24VDC	2 Lt.	Oil	EXT PFL
81.G2.CE.24V				Soft Grease	
81.O2.CT.24V				Oil	WITH TIMER PFL
81.G2.CT.24V				Soft Grease	
81.O2.CE.230	CME	230VAC	2 Lt.	Oil	EXT PFL
81.G2.CE.230				Soft Grease	
81.O2.CT.230				Oil	WITH TIMER PFL
81.G2.CT.230				Soft Grease	
81.O2.CE.115	CME	115 VAC	2 Lt.	Oil	EXT PFL
81.G2.CE.115				Soft Grease	
81.O2.CT.115				Oil	WITH TIMER PFL
81.G2.CT.115				Soft Grease	
81.O3.CE.24V	CME	24VDC	3 Lt.	Oil	EXT PFL
81.G3.CE.24V				Soft Grease	
81.O3.CT.24V				Oil	WITH TIMER PFL
81.G3.CT.24V				Soft Grease	
81.O3.CE.230	CME	230VAC	3 Lt.	Oil	EXT PFL
81.G3.CE.230				Soft Grease	
81.O3.CT.230				Oil	WITH TIMER PFL
81.G3.CT.230				Soft Grease	
81.O3.CE.115	CME	115 VAC	3 Lt.	Oil	EXT PFL
81.G3.CE.115				Soft Grease	
81.O3.CT.115				Oil	WITH TIMER PFL
81.G3.CT.115				Soft Grease	



81.02.CT.115



81.02.CE.115



81.03.CE.115



81.G3.CE.115



C.T. + PULS + PFL: Timer (Zaman Ayarlı) + Basınç Switch + Push Button

C.E. + PULS + PFL: Direkt +Basınç Switch + Push Button

Genel Teknik Özellikler:

- * Bütün modellerde standart dolun filtresi (200 mikron) mevcuttur. Sıvı yağ çalışma viskozite aralığı 50-1000 cst,
- * Sıvı gres çalışma viskozite aralığı NLGI 00-000. Maksimum çalışma basıncı 30 bar. Bütün Modeller de standart çıkış manometredir (0-60 bar)
- * Digital Timerli modeller de; Çalışma (ON) ve Durma (OFF) aralıkları ayrı ayrı hassas ayarlanabilir.
- * Dahili bir zamanlayıcı varsa bu sisteme komut verir ve kontrol eder. Kırmızı LED ve temiz bir kontak herhangi bir arızayı gösterir.
- Durma süresi dakika (0-999 dk.) veya saat (0-999 hr.) olarak ayarlanabilir, çalışma süresi saniye (0-60 sn.) veya dakika (0-999 dk.) olarak ayarlanabilir.
- * Yağ çıkış miktarı; 110-220VAC (110W-0,78A-1,5A) pompalarda 100cc/dk... 24VDC (60W-3A) pompalar da 200cc/dk.'dir.
- * Timerli modeller de yağ bitimine yakın ışıklı alarm verir. Düşük seviye sw. Alarm.
- * Bütün Modeller standard sıvı veya sıvı gres düşük seviye sw.'lidir. Yağ varken NC Normalde kapalı,
- * Rezervuar boş iken açık olan elektrik seviyesi, rezervuar içindeki yağlayıcı seviyesini izler.
- * Bütün Modeller standard ayarlanabilir (10-20 bar) NA (Normalde Açık) basınç sw.'lidir.
- * Yağ basıncı ile aktive edilmiş basınç şalteri kapanır, temas ve pompanın düzgün çalıştığını gösterir.
- Çalışma süresi boyunca aktif değilse ve kontak açık kalırsa bir alarm sinyali gönderir.
- * Bütün modellerde standart Manuel çalıştırma (Push button) özelliği vardır.
- * Yağ çıkış dişi dişi R1/4", Pompanın sağından veya solundan çıkış alınabilir.
- * Yeşil lamba yanıyor enerji geliyor, sarı lamba yanıyor pompa çalışma basma durumundadır.
- * Yeşil LED (Gücü açık konumda gösterir.) Sarı LED (Pompanın çalıştığını konumda gösterir.)
- * 2 Litre boş ağırlığı 3,5kg, 3 litre boş ağırlığı 4,3kg

CME (VOLUMETRIC) YAĞLAMA ÜNİTELERİ (24 Bar)

Kod	Tipi	Voltaj	Lt.	Özellik
80.870.8	CME-C.E.	230VAC	3,6L Oil	Direkt Oil Sev.Switch yok Less Low Lev.
00.870.1	CME-C.E.			Direkt
00.873.6	CME-C.E.+Puls			Oil+Direkt+Push Button
00.870.5	CME.C.E.+PFL			Direkt+Bas.Switch
00.870.9	CME-C.E.+Puls+PFL			Direkt+Bas.Switch+Push But.
00.870.3	CME-S.C.			Timer (Zaman ayarlı)
00.870.7	CME-C.C.+PFL			Timer + Bas.Switch
00.870.0	CME-C.E.	115 VAC	3,6L Oil	Direkt
00.873.5 & 80.871.1	CME-C.E.+Puls			Oil+Direkt+Push Button
00.870.4	CME.C.E.+PFL			Direkt+Bas.Switch
00.870.8 & 80.871.2	CME-C.E.+Puls+PFL			Direkt+Bas.Switch+Push But.
00.870.2	CME-S.C.			Timer (Zaman ayarlı)
00.870.6	CME-C.C.+PFL			Timer + Bas.Switch
00.871.4	CME-C.E.	24 VDC	3,6L Oil	Direkt
80.871.9 & 80.875.8	CME-C.E.+Puls			Direkt + Push Button
00.871.6	CME.C.E.+PFL			Direkt+Bas.Switch
00.879.1	CME-C.E.+Puls+PFL			Direkt + Basinc Switch+Push But.
80.872.0	CME-S.C.			Timer (Zaman ayarlı)
80.872.2	CME-C.C.+PFL			Timer + Bas.Switch



00.870.1



00.870.3



80.872.0

- C.E. Direkt Yağlama
- S.C. Timer (Zaman Ayarlı)
- C.E. +PFL: Direkt + Basınç Switch
- C.C. +PFL: Timer + Basınç Switch
- C.E. + PULS + PFL: Direkt +Basınç Switch +Push Button
- C.E. + PULS : Direkt + Push Button

Genel Teknik Özellikler:

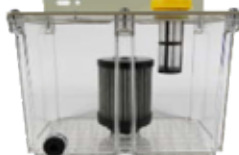
- * Bütün modellerde standart özel dolum filtresi (250 mikron) ve emiş filtresi (60 mikron) mevcuttur.
- * Maksimum çalışma basıncı,sıvı yağ için 24 bar, sıvı gres için 30 bar. Bütün modellerde standart düşük seviye sw. Alarm vardır.
- * Sıvı yağ çalışma vizkosite aralığı 50-1000 cst, sıvı gres çalışma vizkosite aralığı NLGI 000-00
- * Timerlı modeller; 00 serili pompalarda durma aralığı(OFF) 2,5 dakika -21 saat ayarlayabilme, 80 serili pompalarda durma aralığı(OFF) 5 dakika -250 dakika ayarlayabilme, çalışma aralığı(ON) 5-90 saniye
- * Yağ çıkış miktarı; 110-220VAC pompalarda 100cc/dk... 24VDC pompalar da 200cc/dk.'dır.
- * Timerlı modeller de ön yağlama (pre-lubrication) özelliği vardır.
- * Bütün modeller metal hazneli olabilir.3,6 Litre pompaların fiyatlarına metal rezervuar bedeli eklenir.
- * 6 litre metal rezervuarlı talebinizde * ,12 litre metal rezervuarlı talebinizde * fiyat eklenir.

RESERVOIR

Kod	Tipi	Voltaj	Lt.	Özellik
A78.129092	CMV-CME	4 Lt. Plastic Rez.		Yedek Açık Tank
00.647.0	CME + Emiş Filtre	4 Lt. Plastic Rez.		Yedek Üst Kapaklı + Emiş Filtreli Tank
00.648.2	Reservoir	4 Lt. Plastic Sev.Sw. Yok		Üst Kapaklı
00.648.6		Comp. 4 Lt. Plastic		Düşük Sev.Sw'li



A78.129092



00.647.0



00.648.2



00.648.6

CME (ONHAT DIGITAL TIMER / ZAMAN AYARLI) 50 Bar SIVI YAĞ ve SIVI GRES YAĞLAMA ÜNİTELERİ

Kod	Tipi	Voltage	Lt.	Tanım	Özellik
80.870.8 ONHAT	CME	220VAC	3,6lt.	Oil (No level)	Digital Zaman Ayarlı (Düşük Seviye Sw'siz)
00.873.6 ONHAT				Oil + Push Button	Digital Zaman Ayarlı+ Düşük Seviye Alarmlı + Ön Bes.
00.870.9 ONHAT				Push Button + Press.Sw.	Digital Zaman Ay.+Düşük Seviye Alarmlı+Ön Bes.+Bas Sw.
80.871.9 ONHAT	CME	24VDC	3,6lt.	Oil + Push Button	Digital Zaman Ayarlı+Düşük Seviye Alarmlı + Ön Bes.
00.879.1 ONHAT				Push Button + Press.Sw.	Digital Zaman Ay.+Düşük Seviye Alarmlı+Ön Bes.+Bas Sw.
00.870.0 ONHAT	CME	110VAC	3,6lt.	Oil + Lev.Sw. SL	Analog Man. Zam. Ayarlı +Düşük Seviye Sw.'siz
00.870.0 ONHAT				Oil + Lev.Sw.	Analog Man. Zam. Ayarlı+Düşük Seviye Alarmlı
00.873.5 ONHAT				Oil + Push Button	Analog Man. Zam. Ayarlı+Düşük Seviye Alarmlı+Ön Bes.
00.870.4 ONHAT				Oil + Press.Switch	Analog Man. Zam. Ayarlı + Düşük Seviye Alarmlı + Bas.Sw.
00.870.8 ONHAT				Push Button + Press.Sw.	Analog Man. +Düşük Seviye Alarmlı+Ön Bes.+Bas Sw.

00.870.1 OH	CME C.E.	220 VAC	3,6lt.	Oil + Lev.Sw.	Timersiz + Düşük seviye sw'li (50 bar)+ Manometreli
00.871.4 OH		24VDC			
00.870.0 OH		110VAC			
SIVI GRES OH	CMEG C.E.	220VAC	Sıvı Gres + Lev.Sw.		
SIVI GRES OH		24VDC			
SIVI GRES OH		110VAC			



80.871.9 OH



00.871.4 OH



00.870.0 OH-G (Soft Grease)

Genel Teknik Özellikler:

- * Bütün modellerde standart özel dolum filtresi (250 mikron) ve emiş filtresi (60 micron) mevcuttur. Sıvı yağ çalışma vizkosite aralığı 50-1000 cst,
- * Sıvı gres çalışma vizkosite aralığı NLGI 00-000.Maksimum çalışma basıncı 50 bar.Bütün Modeller de standart çıkış manometrelidir (0-60 bar)
- * Digital Timerli modeller de;Çalışma (ON) ve Durma (OFF) aralıkları ayrı ayrı hassas ayarlanabilir.Manuel çalıştırma (Push button) özelliği vardır.
- * Çalışma süresi 1-99 saniye,Durma süresi 1-999 dakika hassas ayarlanabilir.Çalışma veya Durma süresi ekranda, ne kadar kaldığı görülmektedir.
- * Çalışma süresinde yeşil lamba, Durma süresinde kırmızı lamba yanar.Manuel Timerli modeller de ön yağlama (pre-lubrication) özelliği vardır.
- * Yağ çıkış miktarı; 110-220VAC pompalarda 100cc/dk... 24VDC pompalar da 200cc/dk.'dir.
- * Timerli modeller de yağ bitimine yakın ışıklı sesli alarm verir.Düşük seviye sw. Alarm ürünler 3,6 Litre Haznelidir,6 Litre Plastik Hazneli istenirse * fiyata eklenir.
- * 6 Litre Plastik Hazneli sıvı gres pompaları için * fiyata eklenir.
- * 3,6 Litre Timerli Sıvı Gres Pompası istenildiğinde * eklenir.
- * Bütün modeller metal hazneli olabilir.3,6 Litre pompaların fiyatlarına metal rezervuar bedeli eklenir.
- * 6 litre metal rezervuarlı talebinizde *, 12 litre metal rezervuarlı talebinizde * fiyat eklenir.

CME (VOLUMETRIC) SIVI YAĞ ve CME-G SOFT GRES YAĞLAMA ÜNİTELERİ

Kod	Tipi	Voltage	Lt.	Tanım	Özellik
00.874.6	CME-C.E.	230 VAC	6L	Oil	Direkt
00.875.6	CME-C.E.+Puls				Direkt+Push Button
00.875.0	CME-C.E.+PFL				Direkt+Bas.Switch
00.875.4	CME-C.E.+Puls+PFL				Direkt+Bas.Switch+Push But.
00.874.8	CME-S.C.				Timer (Zaman ayarlı)
00.875.2	CME-C.C.+PFL				Timer+Bas.Switch
00.874.5	CME-C.E.	115 VAC	6L	Oil	Direkt
00.875.5	CME-C.E.+Puls				Direkt+Push Button
00.874.9	CME-C.E.+PFL				Direkt+Bas.Switch
00.875.3	CME-C.E.+Puls+PFL				Direkt+Bas.Switch+Push But.
00.874.7	CME-S.C.				Timer (Zaman ayarlı)
00.875.1	CME-C.C.+PFL				Timer+Bas.Switch
00.877.1	CME-G -C.E.	230 VAC	6L	Soft Grease	Soft Grease Direkt
00.878.1	CME-G -C.E.+Puls				Soft Grease Direkt + Push Button
00.877.5	CME-G -C.E.+PFL				Soft Grease Direkt + Basınc Switch
00.877.9	CME-G -C.E.+Puls+PFL				Soft G.Direkt + Basınc Switch+Push But.
00.877.3	CME-G -S.C.				Soft Grease Timer
00.877.7	CME-G -C.C.+PFL				Soft Grese Timer + Basınc Switch
00.877.0	CME-G -C.E.	115 VAC	6L	Soft Grease	Soft Grease Direkt
00.878.0	CME-G -C.E.+Puls				Soft Grease Direkt + Push Button
00.877.4	CME-G -C.E.+PFL				Soft Grease Direkt + Basınc Switch
00.877.8	CME-G -C.E.+Puls+PFL				Soft G.Direkt + Basınc Switch+Push But.
00.877.2	CME-G -S.C.				Soft Grease Timer
00.877.6	CME-G -C.C.+PFL				Soft Grese Timer + Basınc Switch
80.872.4	CME-S.C.	24 VDC	6L	Oil	Timer



00.874.6



00.875.6



00.877.6



80.872.4

C.E. Direkt Yağlama

S.C. Timer (Zaman Ayarlı)

C.E. +PFL: Direkt + Basınc Switch

C.C. +PFL: Timer + Basınc Switch

C.E. + PULS + PFL: Direkt +Basınc Switch +Push Button

C.E. + PULS : Direkt + Push Button

Genel Teknik Özellikler:

* Tüm sıvı yağ modellerin de standart özel dolun filtresi (250 mikron) , emiş filtresi (60 micron) mevcuttur.Tüm sıvı gres modellerde standart emiş filtresi (100 micron) mevcuttur. Maksimum çalışma basıncı, sıvı yağ için 24 bar, sıvı gres için 30 bar. Bütün modellerde standart düşük seviye sw. Alarm vardır.

* Sıvı yağ çalışma vizkosite aralığı 50-1000 cst, sıvı gres çalışma vizkosite aralığı NLGI 000-00

* Timerli modeller; 00 serili pompalarda durma aralığı(OFF) 2,5 dakika -21 saat ayarlayabilme, 80 serili pompalarda durma aralığı(OFF) 5 dakika -250 dakika ayarlayabilme, çalışma aralığı(ON) 5-90 saniye

* Yağ çıkış miktarı; 220V AC pompalarda 100cc/dk...24VDC pompalar da 200cc/dk.'dir.

* Timerli modeller de ön yağlama (pre-lubrication) özelliği vardır.

* Bütün modeller metal hazneli olabilir.

* 6 litre metal rezervuarlı talebinizde * € , 12 litre metal rezervuarlı talebinizde * € fiyat eklenir.

* Bütün modeller metal hazneli olabilir. 25 litre metal rezervuarlı talebinizde * € , 40 litre metal rezervuarlı talebinizde * € fiyat eklenir.

CME-G (VOLUMETRIC & SOFT GREASE) YAĞLAMA ÜNİTELERİ

Kod	Tipi	Voltage	Lt.	Özellik
00.872.1	CME-G-C.E.	230VAC	3,6L	S.Grease Direkt.
00.874.0	CME-G-C.E.+Puls			S.Grease+Direkt+Push Button
00.872.5	CME-G-C.E. +PFL			S.Grease Direkt+Bas.Switch
00.872.9	CME-G C.E. +Puls+PFL			S.Grease+Direkt+Bas.Switch+P.B
00.872.3	CME-G-S.C.			S.Grease Timer (Zaman ayarlı)
00.872.7	CME-G-C.C.+ PFL			S.Grease+Timer+Bas.Switch
00.872.0	CME-G-C.E.	115VAC	3,6L	S.Grease Direkt.
00.873.9	CME-G-C.E.+Puls			S.Grease+Direkt+Push Button
00.872.4	CME-G-C.E.+PFL			S.Grease Direkt+Bas.Switch
00.872.8	CME-G-C.E.+Puls+PFL			S.Grease+Direkt+Bas.Switch+P.B
00.872.2	CME-G-S.C.			S.Grease Timer (Zaman ayarlı)
00.872.6	CME-G-C.C.+ PFL			S.Grease+Timer+Bas.Switch
00.871.5	CME-G-C.E.	24VDC	3,6L	S.Grease Direkt
00.879.9	CME-G-C.E.+Puls			S.Grease+Direkt+Push Button
00.871.7	CME-G-C.E. +PFL			S.Grease Direkt+Bas.Switch
00.879.2	CME-G-C.E.+Puls+PFL			S.Grease+Direkt+Bas.Switch+P.B
80.872.1	CME-G-S.C.			Soft Grease +Timer
80.872.3	CME-G-C.C.+ PFL			Soft Gres.Timer + Bas.Switch



00.872.6



00.874.0



00.879.2

C.E. Direkt Yağlama

S.C. Timer (Zaman Ayarlı)

C.E. +PFL: Direkt + Basınç Switch

C.C. +PFL: Timer + Basınç Switch

C.E. + PULS + PFL: Direkt +Basınç Switch +Push Button

C.E. + PULS : Direkt + Push Button

Genel Teknik Özellikler:

- * Bütün modellerde standart emiş filtresi (100 mikron) mevcuttur. Maksimum çalışma basıncı, sıvı gres için 30 bar.
- * Bütün modellerde standart düşük seviye sw. vardır.
- * Sıvı gres çalışma vizkosite aralığı NLG1 000-00
- * Timerlı modeller; 00 serili pompalarda durma aralığı(OFF) 2,5 dakika -21 saat ayarlayabilme, 80 serili pompalarda durma aralığı(OFF) 5 dakika -250 dakika ayarlayabilme, çalışma aralığı(ON) 5-90 saniye
- * Yağ çıkış miktarı; 220VAC pompalarda 100cc/dk... 24VDC pompalar da 200cc/dk.'dir.
- * Timerlı modeller de ön yağlama (pre-lubrication) özelliği vardır.
- * Bütün modeller metal hazneli olabilir.3,6 Litre pompaların fiyatlarına metal rezervuar bedeli eklenir.
- * 6 litre metal rezervuarlı talebinizde* ,12 litre metal rezervuarlı talebinizde* fiyat eklenir.



40.2.24DC.FST.G



40.4.24DC.FST.G



40.8.24DC.RST.G

MAX 275 BAR 12-24VDC /110-220VAC GRES POMPALARI

Kod	Kapasite	Tipi	Özellik
40.2.24DC.RST.G	MAX 2 Kg.	A.P.E. (Ayarlanabilir Pompa Elemanı) Tek Çıkışı	Gres Timersiz 24VDC Gres Düşük Seviye Sw'li.Standard & Motor&Pompa Çalışmama Dönme RPM Sw.'li.Standard
40.3.24DC.RST.G	MAX 3 Kg.		
40.4.24DC.RST.G	MAX 4 Kg.		
40.6.24DC.RST.G	MAX 6 Kg.		
40.8.24DC.RST.G	MAX 8 Kg.		
40.10.24DC.RST.G	MAX 10 Kg.		
40.12.24DC.RST.G	MAX 12 Kg.		
40.15.24DC.RST.G	MAX 15 Kg.		

MAX Elektrikli Gres Pompaları Teknik Özellikleri:

- * ILC (İtalyan) MAX 2, 3, 4, 6, 8, 10, 12, 15 kg. Plastik veya Metal rezervuarlı pompalardır. 1 ile 3 çıkış alınabilir. Standart tek çıkışıdır (APE).
- * Çıkış Pompa elem. (ayarlanabilir) fiyata dahildir. Gres karıştırılarak basılmaktadır.
- * Motor 24VDC-2.5A - 60W / 220VAC- 0,25A, Maksimum gres çalışma NLGI-2 .
- * Pompa altında, DPX Prog.Dağıtıcının monte edilebileceği hazır delikleri mevcuttur.
- * Çalışma sıcaklığı -20 °C +80°C, Çıkış bağlantı R1/4" .Her çıkışın da standart ayarlanabilir pompa elemanı (A.P.E.) ile 24vdc için 0-3,52cc / dak. ,12vdc için 0-3,68cc/dak., 220vac için 0-4,64cc/dak., 110vac için 0-4,96cc/dak. Çıkış debilidirler.
- * Her çıkışta ayarlanabilen (60-400bar) yüksek basınç, tıkanıklık, bypass emniyet sistemi vardır.Normal çıkış basıncı 275 bar. Maksimum 400 bar.
- * Progressive DPAS- DPX Dağıtıcı üzerindeki prox. Sw. vasıtasıyla ışıklı sesli alarm (Gres bitimi, pompa,dağıtıcı arızası ve tıkanıklıklarda...) alınabilecektir.
- * **Standart Gres düşük seviye sw.'lidir. Fiyata dahildir.**

- 12VDC-110VAC-220VAC fiyat farkı eklenir.
- Üstten Dolum Kapak monteli fiyat farkı eklenir.
- Digital timer kontrol zamanlayıcı ve gres düşük Seviye sw. ışıklı sesli alarm fiyat farkı eklenir.
- Digital timer kontrol zamanlayıcı ve gres düşük Seviye sw. ışıklı sesli alarm ve Prox. Sw tıkanıklık ışıklı sesli alarm fiyat farkı eklenir.
- Digital timer kontrol zamanlayıcı ve gres düşük seviye ve pompa&motor; çalışmama&dönme 2 farklı ışıklı sesli alarm fiyat farkı eklenir.
- Digital timer kontrol zamanlayıcı + gres düşük seviye + pompa&motor; çalışmama&dönme ve DPAS Prox. Sw. tıkanıklık 3 farklı ışıklı sesli alarm fiyat farkı eklenir.

- * 24-110-220 VDC/VAC veya vac kuru kontak elektrik besleme ile çalışır, Normalde açık (devamlı sinyal verir) durumunda gres vardır.Gres minimum seviyeye düştüğünde yaklaşık 2-3 saniye de bir konum değiştirir (sinyali keser). Alarm çıkışı alınır.
- * **Standart Motor&Pompa çalışmama&dönme RPM sw.'lidir. Fiyata dahildir.** 24-110-220 VDC/VAC veya vac kuru kontak elektrik besleme ile çalışır, (devamlı sinyal verir) durumunda sıkıntı yoktur. Motor&Pompa; çalışmama,dönme durumunda yaklaşık 2-3 saniye de bir konum değiştirir (sinyali keser).
- * Pompadan 2. ve 3. çıkışlar için, prox sw. ışıklı sesli alarm istenirse, her çıkış için fiyata **80 €** eklenir (Dağıtıcı ve prox sw. fiyatları eklenecektir.)

Digital Timer Ünitesi Özellikleri;

- * Timer açma süresi (ON Pompa çalışma) ve kapatma süresi (OFF Pompa durma) ayrı ayrı 1 Saniye ile 999 saat arası ayarlanabilir. Pompanın elektrığının kesilmesi durumlarında; digital timerın kaldığı süreden devam etme özelliği vardır.Böylelikle başa dönme durumu söz konusu değildir.Çalış. veya durma sürelerinin ne kadar kaldığı,ne zaman pompanın çalışacağı veya duracağı,sn veya dk veya saat olarak ekranda

Kod	Tipi	Özellik
90.900.0.6mm	PEG Fixed Pumping Element	Fixed-Sabit pompa elem. 3,52 cc/dak.
90.900.0.7mm	PEG Fixed Pumping Element	Fixed-Sabit pompa elem. 4,80 cc/dak.
90.900.3.	PEG Adjustable Pumping Unit	Ayar. Pom.elemanı 0 - 3,52cc/dak.
ONHAT MANO.	Çıkış Manometre Takımı 400 Bar	Wika Manometre ve Bağlantı Ekipmanları
L.L.S.	Low Level sw. 24VDC-220VAC- ışıklı sesli alarmlı	Gres Düşük Seviye Switch (Timersiz kullanımda)
R.P.M	Pompa çalışmama 24VDC-220VAC-ışıklı sesli alarmlı	Motor Dönme Switch (Timersiz kullanımda)
Y.B.S.	High Pressure switch 24VDC-220VAC	Yüksek Basınç Alarm Switch (150-200-250bar)
Y.B.S.I	High Pressure Switch 24VDC-220VAC	Yüksek Basınç Alarm Sw. Işıklı-Sesli Alarmlı
P.P.	Plastik abs kırılmaz Pano	Pompa Grubu Koruma Panosu
M.P.	Metal Pano	Statik Boyalı Pompa Grubu Koruma Panosu



40.CCT.DC.00-1



A70.093536



A70.093717



40.Z04319.007 40.Z04319.008



40.Z04319.006



40.4.230V.FCT.G

MPT - MPO (SİRKÜLASYON) TİP MERKEZİ YAĞLAMA ÜNİTELERİ

Kod	Tipi	Basınç	Tanım	Voltage & kW	Lt.	Tank Tipi	Debi	
60.821.0	MPT-2-NY	5-25 Bar	Oil	380 V & 0,09 kW	2 lt.	Plast. Reseruar	100cc/min.	
60.821.1	MPT-3-NY				3 lt.			
60.821.1.230	MPT-200				230 V			3 lt.
60.821.2	MPT-6-NY			6 lt.				
60.822.0	MPT-3-NY			380 V & 0,09 KW	3 lt.			500cc/min.
60.822.1	MPT-6-NY				6 lt.			
60.823.1.Oil	MPT-3-NY	15-50 Bar	Oil	380 V & 0,09 kW	3 lt.	Plast. Reseruar	100cc/min.	
60.822.2					500cc/min.			
60.822.3	MPT-6-NY				500cc/min.			
60.823.2.Oil					6 lt.		100cc/min.	
60.823.1	MPT/G	15-50 Bar	Soft Grease	380 V & 0,09 kW	3 lt.	Plast. Reseruar	100cc/min.	
60.823.2					6 lt.			
60.824.2					3 lt.		500cc/min.	
60.824.3					6 lt.			

*230 VAC FİYAT FARKI 30.- € EKLENİR.

Kod	Tipi	Basınç	Tanım	Voltage & kW	Lt.	Tank Tipi	Debi
00.860.0	MPO-3NY150	50-150 Bar	Oil	380 V & 0,18 kW	3 lt.	Plast. Reseruar	150cc/min.
00.860.1	MPO-3NY250						250cc/min.
00.860.2	MPO-3NY500						500cc/min.
00.860.3	MPO-6NY150	50-150 Bar	Oil	380 V & 0,18 kW	6 lt.	Plast. Reseruar	150cc/min.
00.860.4	MPO-6NY250						250cc/min.
00.860.5	MPO-6NY500						500cc/min.
00.865.9	MPO-6NY500						1000cc/min.

- * 6 Litre metal rezervuarlı talebinizde * fiyat eklenir.3 Litre pompaların fiyatlarına metal rezervuar bedeli eklenir.
- * 12 Litre metal rezervuarlı talebinizde * fiyat eklenir.3 Litre pompaların fiyatlarına metal rezervuar bedeli eklenir.
- * 25 Litre metal rezervuarlı talebinizde * fiyat eklenir.6 Litre pompaların fiyatlarına metal rezervuar bedeli eklenir.
- * 40 Litre metal rezervuarlı talebinizde * fiyat eklenir.6 Litre pompaların fiyatlarına metal rezervuar bedeli eklenir.



60.821.0



60.821.1.230



60.824.2



60.822.3



Genel Teknik Özellikler:

- * MPT-MPO Pompalar devamlı (Sirkülasyonlu) yağlama sistemlerinde, MPO Hidrolik silindir hareketlerinde kullanılabilir.
- * Bütün sıvı yağ modeller de standart 2 adet filtre (dolum filtresi 250 mikron, emiş filtresi 60 micron) mevcuttur.
- * Bütün sıvı gres modeller de standart 1 adet filtre (emiş filtresi 100 micron) mevcuttur.
- * Bütün modellerde standart düşük yağ seviye sw. ve çıkış manometre mevcuttur.
- * Çalışma sıvı yağ vizkosite aralığı 50-1000 cst; Sıvı Gres NLGI 00-000
- * Motor çalışma voltajı MPT 380VAC - 0,09kW ,MPO 380VAC - 0,18kW





39.O.24.XL.XF



39.Z04319.001



39.Z04319.002

PICO-MAX 1 lt. 12VDC-24VDC ECO SERI GRES POMPASI

Stok kodu	Voltage	Pompa Elemanı	Seviye Switch	Zaman Ayarı
39.24.TL	24 VDC	NO Pumping Element	Level	Timer
39.24.TL.XF		FIX Pumping Element		
39.24.TL.XR		ADJ Pumping Element		
39.24.TX	24 VDC	NO Pumping Element	No Level	Timer
39.24.TX.FX		FIX Pumping Element		
39.24.TX.RX		ADJ Pumping Element		
39.24.XL	24 VDC	NO Pumping Element	Level	No Timer
39.24.XL.FX		FIX Pumping Element		
39.24.XL.RX		ADJ Pumping Element		
39.24.XX	24 VDC	NO Pumping Element	No Level	No Timer
39.24.XX.FX		FIX Pumping Element		
39.24.XX.RX		ADJ Pumping Element		
39.24.XX.Single PE	24 VDC	Single Pumping Element	No Level	No Timer
39.24.XL.Single PE			Level	No Timer
39.24.TX.Single PE			No Level	Timer
39.24.TL.Single PE			Level	Timer

00.900.0

Fixed Pumping Element (Sabit Pompa Elemanı)

00.900.3

Adjustable Pumping Element (Ayarlanabilir Pompa Elemanı)

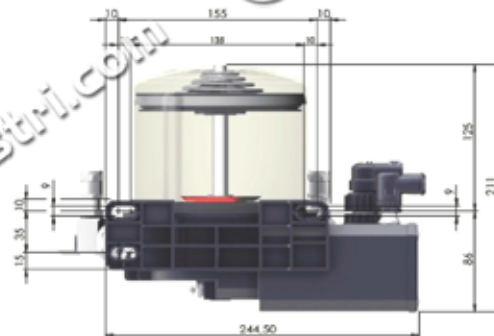
Stok kodu	Seviye Switch	Zaman Ayarı
90.940.0.05	Single Pumping Element	5mm ³ (0,05cc.)
90.940.0.10		10mm ³ (0,10cc.)
90.940.0.15		15mm ³ (0,15cc.)
90.940.0.25		25mm ³ (0,25cc.)
90.940.0.50		50mm ³ (0,50cc.)



Timer Control

Genel Teknik Özellikler:

- * Maksimum basınç 200 bar, 12-24VDC motor seçeneği (max. 3.8 A at 24V DC max. 7.5A at 12 V DC) 1 kg plastik hazneli.
- * Maksimum 10 çıkışlı-8 adedi mini pompa elemanlı 5-10-15-25-50mm³ sabit debi seçenekli- 2 adedi büyük pompa elemanlı.
- * Mini pompa elemanlarıyla direk yağlanacak yataklara gidilmesi tavsiye edilir. SHTG çekvalf enjektör dağıtıcıları kullanılabilir.
- * Büyük pompa elemanlarıyla DPA-DPX-DPM Progressive dağıtıcılar veya SHTG metering grease unit ler kullanılabilir.
- * Büyük pompa elemanlarıyla; NLGI1 gres (20C) 3,2cc/dak. NLGI2 gres (20C) 2,4cc/dak. debi çıkışı sabit veya ayarlanabilir.
- * Büyük pompa elemanlarında çıkış tıkanıklık bypass emniyet valfidir ve ayarlanabilir 50-300 bar, 200 bara set edilmiştir.
- * Çalışma sıcaklık -40/+70C, mini pompa elemanlarında çıkış R1/8", büyük pompa elemanlarında çıkış R1/4" dişi dış.
- * Gres seviye sw. seçeneği vardır; Minimum level indication (Reed contact 1A 140 VAC – 2C0 V ve 10 W NA)
- * Gres bitiminde kırmızı lamba yanıp söner, pompa 5 cycle daha döndükten sonra her kırmızı lamba yanar ve sonrasında motor kilitletir, gres dolmadan çalışmaz. Progressive üzerindeki prox. Sw'den sinyal gelmezse de bu alarm işlemi tekrarlanır.
- * Analog Timer; bekleme süresi dakika veya saat seçenekli, çalışma süresi saniye veya dakika seçeneklidir.
- * Bekleme süresi; 2 ile 32 dakika arası veya 1 saat ile 32 saat arası ayarlanabilir, ön yağlama (Pre-Lub.) seçeneği vardır.
- * Çalışma süresi ; 2 ile 32 saniye arası veya 1 dakika ile 32 dakika arası ayarlanabilir, manuel çalıştırma seçeneği vardır.




AĞIR SERİ GRES POMPALARI (500 Bar)

Kod	Tipi	Kapasite	Tipi	Tanım	Zaman Ayarı	Voltage
41.2.380VR300G	PEG520/30R	2 Kg.	A.P.E	Grease Direkt	Timersiz	220-380VAC
41.3.380VR300G	PEG530/30R	3 Kg.				
41.4.380VR300G	PEG540/30R	4 Kg.				
41.6.380VR300G	PEG560/30R	6 Kg.				
41.8.380VR300G	PEG580/30R	8 Kg.				
41.10.380VR300G	PEG510/30R	10 Kg.				
41.12.380VR300G	PEG512/30R	12 Kg.				
41.15.380VR300G	PEG515/30R	15 Kg.				
41.20.380VR300G	PEG520/30R	20 Kg.				
90.899.0	PEG-25N/30R Metal Tank	5 Kg.	A.P.E	Grease Direkt	Stand.Düş.Sev.sw.'li - Timersiz	24 VDC
90.899.2	PEG210N/30R Metal Tank	10 Kg.				

Üstten Dolum Kapak monteli fiyat farkı eklenir.

15 Çıkışlı Ağır Seri Gres Pompalar

Kod	Tipi	Kapasite	Tanım	Voltage	Maks. Basınç
90.930.3.25.SL	PEG - 25N/30R	25kg	Grease Direkt	380VAC	600 Bar
90.930.0.25.SL 24V	PEG - 25N/30R			24VDC	

PEG - 250/500 Pompa Teknik Özellikleri:

- * Maksimum Çıkış Basıncı 600 bar. Motor 380VAC (0,18kW- 0,68A), Motor 24VDC (160W-8,5A) Çalışma sıcaklığı -30C +80°C,
- * 1 ile 15 çıkış alınabilir. Standart tek çıkışlıdır. Diğer çıkışlar için pompa elemanları

PEG520 / 220-380VAC-24VDC Elektrikli Gres Pompaları Teknik Özellikleri:

- * ILC (İtalyan) PEG52 / 2 kg ile 25 kg arası, Plastik veya Metal rezervuarlı gres pompalarıdır. Çalışma sıcaklığı -20C +80°C,
- * Motor 220VAC (0,64A-0,09kW) - 380VAC (0,37A - 0,09kW.), Motor 24VDC (85W-4,2A)
- Maksimum gres çalışma NLGI-2, Maksimum çıkış basıncı 500 bar.
- * 1 ile 5 çıkış alınabilir. Standart tek çıkışlıdır.
- * Her çıkışı dakikada 7,36cc verebilmektedir.(Sabit pompa elemanı ile).
- * Ayarlanabilir pompa elemanı (APE) ile 0 ile 7,36cc arası gres çıkış miktarı ayarlanabilmektedir.
- * Çıkış bağlantı R1/4". Her çıkışta ayarlanabilen (60-600bar) yüksek basınç emniyet sistemi vardır.
- Bu pompa gruplarına Digital iki zamanlı timer-zamanlayıcı (Alarmsız) istenirse fiyata* eklenecektir.

Timerın Teknik Özellikleri ON-HAT Timerlı Pompalar da (H):

- * Timer açma süresi (ON) ve Timer kapatma süresi (OFF) ayrı ayrı 1 saniye ile 999 saat arası hassas ayarlanabilir.
- * Pompanın elektrığının kesilmesi durumlarında; digital timerın kaldığı süreden devam etme özelliği vardır.
- * Böylelikle başa dönmedurumu söz konusu değildir. Çalışma ve durma sürelerin ne kadar kaldığı, ne zaman pompanın çalışacağı veya duracağı, saniye veya dakika olarak ekranda görülmektedir. Bu pompa gruplarına Alarmlı ONHAT Digital PLC timer-zamanlayıcı istenirse fiyata* eklenecektir.

Teknik özellikleri ONHAT PLC Digital Timerlı Pompalar da (O):

- Yukarıdaki timer özelliklerine plc kart eklenecektir. Dağıtıcı üzerindeki prox. Sw vasıtasıyla ışıklı sesli alarm (Gres bitimi, pompaveya dağıtıcı arızası ve tıkanıklıklarda...) alınabilmektedir. Her çıkış için * fiyata eklenir (Pompa elemanı, dağıtıcı ve prox. Sw. ayrıca eklenir.)
- Çoklu Çıkış Alarm; Progressive Dağıtıcılar (DPA-DPX) üzerindeki birçok Prox. Sw.'lerden olumsuz durumlarda bölge bölge ışıklı sesli alarm alınabilir.
- Örneğin: Pompa 3 çıkışlı ve 3 adette Prox. Sw.'li DPA Ana dağıtıcı kullanılarak, 3 bölge için de ayrı ayrı olumsuz durumlar için ışıklı sesli alarm alınabilir.
- Böylelikle; pompa arızası, dağıtıcı arızası veya herhangi bir nokta - noktaların tıkanmasında, sıkıntının hangi ana blok bölgesinde olduğu ışıklı-sesli alarm alınabilmektedir.
- Bu çoklu alarm sistemi, yardımcı dağıtıcılar üzerindeki Prox. Sw.'ler vasıtasıyla sıkıntının hangi bölgede olduğu tespit edilmektedir.
- Pompa - Ana Dağıtıcı - Yardımcı dağıtıcılar arasındaki hattın kopmasında da bu alarm alınır.

Kod	Tipi	Özellik
90.900.0	PEG Fixed Pumping Element	Fixed-Sabit pompa elem. 7,36cc/dk.
90.900.0.7	PEG Fixed Pumping Element	7mm Fixed-Sabit Pompa elem. 10cc/dk.
90.900.3.7	PEG Adjustable Pumping Unit	Ayar. Pom.elemanı 0,46cc-7,36cc/dk.
ONHAT MANO.	Çıkış Manometre Takımı 600 Bar	Wika Manometre ve Bağlantı Ekipmanları
L.L.S.I	Low Level switch 220 VAC-24VDC	Gres Düşük Seviye Switch Işıklı -Sesli
L.L.S.	Low Level switch 220 VAC-24VDC	Gres Düşük Seviye Switch
Y.B.S.	High Pressure Switch 220 VAC-24VDC	Yüksek Basınç Alarm Switch
Y.B.S.I	High Pressure Switch 220 VAC-24VDC	Yüksek Basınç Alarm Sw. Işıklı-Sesli
M.P.	Metal Pano	Statik Boyalı Pompa Grubu Koruma Panosu

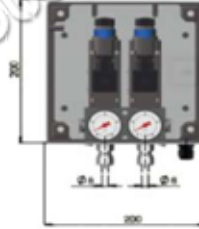


90.900.0

90.900.3



DOUBLE TWIN LINE SYSTEM



DUAL LINE ELECTRIC PUMP WITH ELECTRIC REVERSING VALVE

Kod	Özellik
55.G.03.SS.1.A.1.A	Twin 30 Kg Dual Line Electric Pump with Electric Reversing Valve
55.G.10.SS.1.A.1.A	Twin 100 Kg Dual Line Electric Pump with Electric Reversing Valve
5N.PFL.G	End Line Dual Line Pressure Switch ADJ 40-400 Bar

DUAL LINE (ÇİFT HAT'LI) DAĞITICI BLOKLAR DR3

Kod	Özellik	Çıkış Dış Ölçüsü	Çıkış Sayısı
5N.DR3.01.BSP	Distr. Doppia Linea DR3 A 1 Elemento 2 Uscite Reg. 0.15-3cc	1/4" BSP	1 veya 2 Çıkışlı
5N.DR3.02.BSP	Distr. Doppia Linea DR3 A 2 Elementi 4 Uscite Reg. 0.15-3cc	1/4" BSP	3 veya 4 Çıkışlı
5N.DR3.03.BSP	Distr. Doppia Linea DR3 A 3 Elementi 6 Uscite Reg. 0.15-3cc	1/4" BSP	5 veya 6 Çıkışlı
5N.DR3.04.BSP	Distr. Doppia Linea DR3 A 4 Elementi 8 Uscite Reg. 0.15-3cc	1/4" BSP	7 veya 8 Çıkışlı



DUAL LINE (ÇİFT HAT'LI) DAĞITICI BLOKLAR DR5

Kod	Özellik	Çıkış Dış Ölçüsü	Çıkış Sayısı
5N.DR5.01.BSP	Distr. Doppia Linea DR5 A 1 Elemento 2 Uscite Reg. 0.5-24cc	1/4" BSP	1 veya 2 Çıkışlı
5N.DR5.02.BSP	Distr. Doppia Linea DR5 A 2 Elementi 4 Uscite Reg. 0.5-24cc	1/4" BSP	3 veya 4 Çıkışlı
5N.DR5.03.BSP	Distr. Doppia Linea DR5 A 3 Elementi 6 Uscite Reg. 0.5-24cc	1/4" BSP	5 veya 6 Çıkışlı
5N.DR5.04.BSP	Distr. Doppia Linea DR5 A 4 Elementi 8 Uscite Reg. 0.5-24cc	1/4" BSP	7 veya 8 Çıkışlı

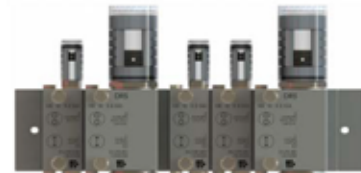


Genel Teknik Özellikler:

- * Pompa çıkış basıncı maksimum 400 bar, Çift pompa elemanlı çıkış dış ölçüleri 3/8", pompa çıkış gres debisi 400cc/dk.
- * Motor 380VAC 0,75KW IP55 CL. F Service S1 (Diğer alternatifleri vardır 110-220VAC veya Atex).
- * Pompa çıkışı yön değiştirme valfleri 24VDC (Electromagnetic inversion module), Diğer alternatifleri vardır 110-220VAC
- * Gres dolmuş filtreli 400 micron, Pompa çıkış 600 bar manometreli, Standart gres düşük seviye sw'lidir. Fiyata dahildir.
- * Pompa çıkış ayarlanabilir basınç em.Valf'li 300 bar set edilmiştir.(Pressure relief valve adjustment ,standard set at 300 Bar)
- * Çalışma sıcaklığı Min -25°C Max +70°C - Operating temperature
- * Çalışma Viskosite; Min. oil 50 cSt at operating temperature, NLGI-2 Max grease at working temperature
- * Rezervuar içinde maksimum gres seviye görme. (Maximum level for grease visual), yüksek gres seviye sw. opsiyonludur
- * Rezervuar tankı ısıtma bant opsiyonlu.

DAĞITICI TEKNİK ÖZELLİKLERİ; TECHNICAL FEATURES

- * Çalışma sıcaklığı operating temperature from -30 °C TO +80 °C
- * Çalışma viskozite; lubricant min.100 cSt 40°C,max NLGI 2 at the operating temperature
- * Frequency 100 cycles/minute Maks. Pressure 400 Bar
- * Main Line (2 giriş) 3/8" BSP - NPTF Seat, Outlets Line 1/4" BSP - NPTF Seat, Adjustable Model DR3 0.15-3.0cc, DR5 0,5-24cc
- * 2 Farklı ayarlanabilir.DR3 ve DR5 modelini, aynı blokta monte edilebilme özelliği vardır.Fiyat sorunuz.



90.304.3



90.306.7



PAG-50 PNEUMATIC GRES POMPA

Kod	Tipi	cc	Özellik
90.304.3	Fix Pompa Elem.	2cc Sabit	Gres Düşük Seviye Sw'li. 300 Bar 3 Kg. Hazneli
90.304.4	Ayarlanabilir Pompa Elem.	0,3cc - 2cc ayarlanabilir	
90.306.7	Fix Pompa Elem. DX-Right	2cc Sabit	
90.311.2	Ayarlanabilir Pompa Elem.	0,3cc - 2cc ayarlanabilir	

PAG-50 PNEUMATIC GRES POMPA YEDEKLERİ

A72.079450	GR.SERBATOIO 2,5 kg PAG-50N	C/TRAN (S/LIV.) T.Parent Tank/ bazalı	4 Saplamalı -Low lev.sw.yok filtre yok.
A72.079272	GR.SERBATOIO PAG-50	All Metal tank	4 Saplamalı Low.Lev.Sw.
A72.079172	2,5 KG RESERV.+ L/L PAG PAG-50N Komple Rez. 2,5kg Plex.Reserv. L/LIVELLO		Yay+Kavanoz+baza (Low.Level sw var+filtre var)
90.300.3	PAG-PA 2	Fixed Yedek Pompa	(Rezervuarsız)
90.300.0	PAG-PA-03/ 2	Adj. Yedek Pompa	(Rezervuarsız)



90.300.3

yedek pompa

90.300.0



90.311.2 PAG-60 N (5 kg.)



A72.079172



A72.079272



A72.079450

PAG Pnömatik Gres Pompaları Genel Teknik Özellikleri:

- * ILC (İtalyan) PAG 3 kg.(Plastik Res.) gres pompalarıdır.Standart dolum filtrelidir.PAG-50 (3 kg.) Metal tank fiyat farkı *'dur.
- * Pompa basma oranı 50:1 'dir. Gres Pompa önüne, yay gücüyle gönderilmektedir.
- * Hava giriş basıncı minimum 2 bar, maksimum 7 bar'dır.
- * Pompa tek çıkışlıdır. Her seferinde (cycle) 2cc veya ayarlanabilir 0,3-2cc gres miktarı vermektedir.
- * Devamlı gres göndermez.Se].Valfi aç kapa metoduyla gres basar.
- * Maksimum gres çalışma NLGI-3 (Sıvı gres NLGI 0-00-000 uygun değildir), NLGI 1-2-3 uygundur.
- * Maksimum çıkış basıncı 350 bar Çalışma sıcaklığı -20°C +80°C, Çıkış bağlantı R1/4"
- * Standart düşük gres seviye sw. Alarm vardır (1A-150VAC/DC-20W)
- * Pompa çalışma adeti, dakikada maksimum 4 defadır.Gresin inceliğine göre 30 defa olabilir.
- * 5 kg metal hazneli (PAG 60) istenirse * ,10 kg metal hazneli (PAG 100) istenirse * fiyatlara eklenir.

PNÖMATİK SIVI GRES VE SIVI YAĞ ÜNİTELERİ

Kod	Tipi	Tanım	Oran	Lt.	Debi
00.224.6	PRA-15/3,6	Oil	8:1 ratio	3 lt.	2,7cc/cycle
00.224.3	PRA-15/2			2 lt.	
00.221.1	PRA-13/1	Oil	4,5:1 ratio	1 lt.	13cc/cycle
00.225.5	PRA-13-G/1	Fluid Grease			
00.223.1	PRA-20/2	Oil	4,5:1 ratio	2 lt.	13cc/cycle
00.226.1	PRA-25/3,6	Oil	4,5:1 ratio	3 lt.	13cc/cycle
00.228.1	PRA-25-G/3,6	Fluid Grease			
00.226.4	PRA-25/5	Oil (Metal Res.)			
00.226.0	PRA-25/-G	Fluid Grease (Metal Res.)		5 lt.	
00.227.1	PRA-30/6	Oil	4,5:1 ratio	6 lt.	13cc/cycle
00.228.2	PRA-30/6	Fluid Grease			
00.226.3	PRA-30/8	Oil (Metal Res.)		8 lt.	
00.226.7	PRA-30-G/8	Fluid Grease (Metal Res.)			
00.227.5	PRA-35/12	Oil (Metal Res.)	4,5:1 ratio	12 lt.	13cc/cycle
00.226.8	PRA-35-G/12	Fluid Grease (Metal Res.)			



PRA-13
00.221.1



PRA-15 (3,6Lt.) - 00.224.6



PRA-15 (2 Lt.)
00.224.3 LV. NC



PRA-25 (5 Lt.)

PRA Pnömatik Yağ veya Sıvı Gres Pompaları Teknik Özellikleri:

- * Hava giriş basıncı minimum 4 bar, maksimum 7 bar'dır. Sıvı Yağ çalışma viskozite aralığı 50-1000cst, Sıvı gres çalışma viskozite aralığı * NLGI 00-000. Çalışma sıcaklığı: -10 °C +80 °C, Yağ Çıkış bağlantı R1/8", Hava giriş bağlantı R1/8"
- * Standart düşük yağ seviye sw. Alarm vardır (1A-150VAC/DC-20W) (PRA13G hariç). Pompa çalışma adeti, dakikada maksimum 4 defadır.
- * Standart Dolum Filtresi vardır. (250 micron). PRA 15 lerin maksimum çıkış yağ basıncı 56 bar, diğerlerinin 30 bar'dır.
- * **Bütün pompalar içten boşaltma (Relief) valfidir. Buna uygun dağıtıcılar kullanmak gerekir. CAB-CBB-DT-DG-DX gibi.**
- * Bütün pnömatik pompalara Onhat timer (Kumanda) monteli istenirse fiyata * + KDV eklenir. Sel. Valf dahildir.
- * Onhat timer: 1 saniye ile 100 saat arası, açma ve kapama süreleri ayrı ayrı ayarlanabilir.



SPRAY YAĞLAMA SİSTEMLERİ

Kodu	Tipi	Lt.	Pompa Adedi
70.055.0.SI	MINI-SG-EL-1	0,5L	1
70.055.1.SI	MINI-SG-EL-2		2
70.005.0.SI	MINI-SG-EL-1	1.2 L	1
70.005.1.SI	MINI-SG-EL-2		2
70.005.2.SI	MINI-SG-EL-1	2.2 L	1
70.005.3.SI	MINI-SG-EL-2		2
70.005.4.SI	MINI-SG-EL-1	3.6 L	1
70.005.5.SI	MINI-SG-EL-2		2
70.005.6.SI	MINI-SG-EL-1	6 L	1
70.005.7.SI	MINI-SG-EL-2		2

Genel Teknik Özellikler:

- * CNC tezgahların uç soğutma çakılarına, testerelerin yağlanması ve soğutulmasında, kardan konveyör rulmanlarının yağlanmasında, yüksek devirli rulmanların soğutulmasında kullanılmaktadır.
- * Reservoir 0,5Lt. - 1,2 Lt. - 2,2 Lt. - 3,6 Lt. veya 6 Lt. Dolum Filtreli
- * SL=Düşük seviye sw.sız.Düşük seviye sw. istenirse * eklenir.İşikli sesli alarmı istenirse * eklenir.
- * Her Pompa grubu eklenmesinde (pompa+monifold+çıkış rekoru+5 metre ikili hortumu) fiyatı eklenir.
- * Set Panel (Montaj Plakası) monteli istenirse fiyata * eklenir.
- * Pano içerisinde monteli istenirse * eklenir. Hava şartlandırıcı grubu fiyata dahildir.
- * 5mt. coaxial iç içe hortum çıkışı Ø(6mm-2.5mm) (10 metre olabilir)
- * Solenoid valve olmayan üründür. Sel. Valf eklenirse (70.017.....) * , (İtaly Pneumax-Bonessi veya Waircom)
- * Frequency generator (Tetikleme) olmayan üründür.Frequency generator eklenirse (70.004.....) (FQ)
- * Sel. Valf ve Frequency generator eklenirse (70.015 / 70.020) *
- * İğne Vanalı Rekorlu Hava Regulatorü (Yağ atış hızı ayarlanabilmektedir).
- * Fleksible nozül, manyetik-mıknatıslı bağlantı nozül, bükülebilir bakır boru tip nozül seçenekleriyle , istenilen şekillerde püskürme sağlanmıştır.(Her çıkış için 1 adet nozül gerekir).
- * Her çıkış için, yağ miktarı; 0 ile 39mm³ (0,39cc) ayarlanabilmektedir.
- * Çalışma vizkosite maksimum 800cst

Yedek Pompa A70.093463: *



Baza-Monifold + Yedek Pompa: *



70.100.2 Fiyat: *



70.100.0 Fiyat: *

Standard Nozzle A70.093181: *



- Decabon Nozzle 10 cm Fiyat: *
- Decabon Nozzle 15 cm Fiyat: *
- Decabon Nozzle 20 cm Fiyat: *
- (Düz Nozül fiyata dahildir.)
- Pompa çıkış özel ikili rekor takımı *

70.111.0 (42mm) U nozül: *
U nozül (42-54-80mm.)

- Pompa Çıkışı Ø6mm-Ø2,5mm ikili özel hortum metre Fiyatı: * (10 metreye kadar olabilmektedir)
- Komple 1 takımı (pompa+monifold+çıkış rekoru+5 metre ikili hortumu): * (Nozül hariç)



HTMixer Sıvı Yağ Pulvarize Spray Nozzle Set: * - Liste

- Sıvı yağ hassas emiş ayarı(Ø6mm)- Hava hassas Hız Ayarı(Ø8mm)
- 32cst maksimum-emiş filtreli- emiş çekvalfli
- Emiş Hortum boyu standart 2 mt. Q6mm
- 20cm Decabon bükülebilir açı ayarlı nozül





1 Lt. Hazneli, Tekli Damlama Tek'li & İkili Damlama

4 Lt. Hazneli, Valf Kumandalı İkili Damlama

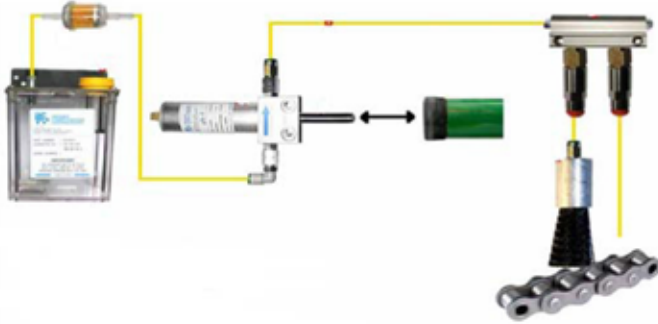
ONHAT DAMLAMA YAĞ SİSTEMLERİ

Kod	Tipi	Rezervuar (Lt.)
ONHAT D01	Tek Çıkışlı İğne Vanalı Ayarlı Damlama	0,5 lt.
ONHAT D11		1 lt.
ONHAT D21		2 lt.
ONHAT D41		4 lt.
ONHAT D61		6 lt.
ONHAT D101		10 lt.
ONHAT D12	İki Çıkışlı İğne Vanalı Ayarlı Damlama	1 lt.
ONHAT D22		2 lt.
ONHAT D42		4 lt.
ONHAT D62		6 lt.
ONHAT D102		10 lt.



Teknik Özellikler:

- * Sıvı Yağ damlaması veya devamlı akışı şeffaf olarak görülebilmektedir, ayarlanabilmektedir.
- * Manuel olarak aç-kapa yapılabilir. Rezervuarlar dolum filtreli ve kapaklıdır.
- * Elektrikli sıvı yağ valfi (24VDC-220VAC) ile mevcut PLC'den veya Onhat Timer ile kumanda edilebilmektedir.
- * Onhat timer için * fiyat eklenir. Elektrikli sıvı yağ valfi için * fiyat eklenir.
- * Onhat Timer: Açma ve kapama süreleri ayrı ayrı 1 saniye ile 100 saat arası ayarlanabilir.
- * Rezervuarlara sıvı yağ düşük seviye sw. eklenebilir. * fiyata eklenir. Işıklı-sesli alarm için * fiyata eklenir.
- * İki veya daha çok çıkışlılar set panel üzerine monte edilir. Uygun Fırçalar'la zincir yağlama da kullanılabilir.
- * Maksimum basınç 10 bar. Devir Daimli - Sirküsyonlu yağlama sistemleri için uygundur.
- * Progressive dağıtıcıların çıkışların da kullanılarak yağ akışının görülmesi sağlanabilir.
- * Çıkış miktarları istenildiği kadar artırılabilir. **Her çıkış için fiyata * eklenir.**



FIRÇA / ZİNCİR YAĞLAMA SİSTEMLERİ

Kod	Tipi
14.000.1	Brush Diam 40
14.000.2	Brush for Chain 5/16" MAST.
14.000.3	BRUSH FOR TUBE 4 DIAM. 8
14.000.4	Brush for 4mm Tube Diam. 20mm
14.000.5	Brush
14.000.6	Metallic Spazz. Diam 20 1/8F Piriç Tel Fırça
14.000.7	Metallic Spazz. Diam 40 M10x1F Piriç Tel Fırça
14.000.8	Brush 20mm + Protection



14.000.4



14.000.6



14.000.7



14.000.1



14.000.2



14.000.3



14.000.8



GENİŞ ALANLI PULVARİZE SPRAY YAĞLAMA SİSTEMLERİ

SHTair Pulvarize Spray Yağlama Type Dağıtıcı	Outlet Çıkış Sayısı	Özellikler
SHTair-1	1	<p>Hava girişi Ø8mm rekorlu, her çıkış için ayrı ayrı hassas ayarlanabilir Yağ girişi Ø6mm rekorlu, yağ miktarı ayarlanabilir pompa üzerinden Çıkışlar İç İçe 2 Hortumlu Hortum Dış çapları; İç Hortum Ø2,5 Dış Hortum Ø6 Hortum boyları standart 3 mt. İsteğe göre 5-10 mt olabilir. Enjektörlerin çıkış cc değerleri değiştirilebilir. Hava Yağ karışımı pulvarizesi nozıl çıkış ucunda olmaktadır. Nozıldan önce de hortum içinde karışım olabilmektedir isteğe göre yapılır. Avrupa Sel. Valf * fiyata eklenir her monifold grubu için</p>
SHTair-2	2	
SHTair-3	3	
SHTair-4	4	
SHTair-5	5	
SHTair-6	6	
SHTair-7	7	
SHTair-8	8	
SHTair-9	9	
SHTair-10	10	



SHTair-1



SHTair-2



SHTair-6



Genel Teknik Özellikler:

Sabit dozajlı serbest geçiş Metering Units enjektörlerdir. Her çıkış çekvalfidir. Yağ geri dönmez
Enjektörler ILC (İtalyan) Markadır. Sıvı Yağ enjektörleri içten filtrelidir. Enjektörlerin maksimum gücü 20 bar' dir.
Bükülebilir 20cm Nozzle * /ad., A70.093.181 Sabit Standard Nozzle * /ad.
Geniş alanlı pulvarize istenilen yerler için uygundur, sürekli pulvarize edebilir
Çok çıkış alınabilir ve eşit pulvarize sağlanabilir.
Hortum boyları standart 3 mt. İsteğe göre 5-20 mt olabilir. 5 metreden uzun taleplerinizde ikili hortum metre fiyatına * eklenir. 20mt= *

Pompaları 1 ; Sürekli 24 saat yağlamak için MPT modeli seçilmelidir. Pulvarize yağlama noktası sayısı 50 adeti geçmemelidir.

MPT modeli; 25-70 bar, 100cc veya 500cc/dk. 220-380vac, 4-5-12-25 Litre Hazneli olabilmektedir.

MPT 4 Litre hazneli, 5-25 bar, 380vac, 100cc/dk. Sıvı yağ düşük seviye swli, çıkış çekvalfli, manometreli, timersız, çıkış yağ ve basınç miktarı ayar kontrollü*

MPT 4 Litre hazneli, 15-50 bar, 380vac, 500cc/dk. Sıvı yağ düşük seviye swli, çıkış çekvalfli, manometreli, timersız, çıkış yağ ve basınç miktarı ayar kontrollü*

Pompaları 2 ; 60 saniye yi geçmeyen sürekli yağlamak için CME modeli seçilmelidir. Pulvarize yağlama noktası sayısı 20 adeti geçmemelidir

CME modeli; 24-50 bar, 100cc (110-220 vac) veya 200cc/dk. (24vdc) 2-3-4-6-12-25 Litre Hazneli olabilmektedir.

CME 4 Litre hazneli, 24 bar, 220vac, 100cc/dk. Sıvı yağ düşük seviye swli, çıkış çekvalfli, manometreli, timersız, çıkış yağ ve basınç miktarı ayar kontrollü*

CME 4 Litre hazneli, 30 bar, 24vdc, 200cc/dk. Sıvı yağ düşük seviye swli, çıkış çekvalfli, manometreli, timersız, çıkış yağ ve basınç miktarı ayar kontrollü*

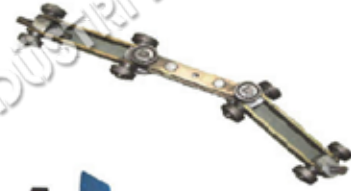
Pompaları 3 ; 10 saniye yi geçmeyen sürekli yağlamak için CMV modeli seçilmelidir. Pulvarize yağlama noktası sayısı 5 adeti geçmemelidir

CMV modeli; 10-13 bar, 100cc/dk. 110-220vac, 1-2-4-6-12 Litre Hazneli olabilmektedir.

CMV 1 Litre hazneli, 13 bar, 220vac, 100cc/dk. Sıvı yağ düşük seviye swli, çıkış çekvalfli, timersız, çıkış yağ ve basınç miktarı ayar kontrollü *

CMV 2 Litre hazneli, 13 bar, 220vac, 100cc/dk. Sıvı yağ düşük seviye swli, çıkış çekvalfli, timersız, çıkış yağ ve basınç miktarı ayar kontrollü *

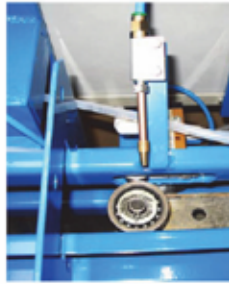
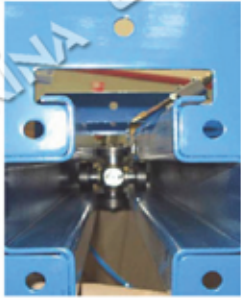
* 6 litre metal rezervuarlı talebinizde *, 12 litre metal rezervuarlı talebinizde * fiyat eklenir. Bütün pompa grupları için geçerlidir.



Decabon Bükülebilir
Nozzle 15cm



**CONVEYORS LUBRICATION
MONORAIL SYSTEMS**



2+2 KARDAN YAĞLAMA SİSTEMİ

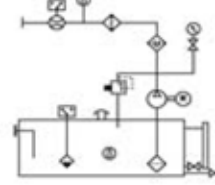
Stok kodu	Ürün	Özellik	Pumps Number
ONHAT 2	UCSG- 2	Tek Sıralı	2
ONHAT 4	UCSG- 4		4
ONHAT 2+2	UCSG- 2+2	Çift Sıralı	4
ONHAT 2+4	UCSG- 2+4		6
ONHAT 2+2+2	UCSG- 2+2+2	Üç Sıralı	6
ONHAT 2+2+3	UCSG- 2+2+3		7
ONHAT 2+2+4	UCSG- 2+2+4		8

Genel Teknik Özellikler:

- * Kardan konveyör rulmanlarının yağlanmasında kullanılabilir. Farklı ebatlardaki rulman dizilişleri için uygundur.
- * Her bir çıkış için hortum boyları 10 metre'ye kadar olabilmektedir. Standartı 5 metre'dir.
- * Her çıkış için, yağ miktarı; 0 ile 41mm³ ayarlanabilmektedir. ** Çalışma vizkosite maksimum 800cst
- * Reseruar 2,5 Lt. (4-6-10 litre yapılabilir). Düşük yağ seviye sw. Işıklı sesli alarm eklenebilir (*). Dolum ve emiş filtresi vardır.
- * 4 Lt. reseruarlı için fiyata * eklenir. 6 Lt. reseruarlı için fiyata * eklenir. 10 Lt. reseruarlı için fiyata * eklenir.
- * Hava şartlandırıcı, filtresi ve regülatör vardır. **Sel.Valfler,Sensörler ve Nozillar fiyata dahildir.(24VDC)**
- * Feksible nozıl, manyetik-ımkınsız bağlantı nozıl, bükülebilir bakır boru tip nozıl seçenekleriyle, istenilen şekillerde püskürtme sağlanmıştır.Pano içerisinde montajları yapılmış olarak teslim edilmektedir.

ELECT. MOTOR PI-19/CBM

Kod	Özellik (Güç/Volt/Watt)		Debi cc/dk
00.741.1	380V	0.09 Kw 4P	2 Lt/min (1800 rpm)
00.742.1			3,6 Lt/min(1800 rpm)



RESERVOIR COMP.

Kod	Kapasite	Tipi	Özellik
00.648.4	1 lt.	Plastic	Düşük Sev. Sw'li
00.648.5	2 lt.		
00.648.6	4 lt.		
00.648.7	6 lt.		



RESERVOIR

Kod	Kapasite	Tipi	Özellik
00.648.0	1 lt.	Plastic	Sev.Sw. yok
00.648.1	2 lt.		
00.648.2	4 lt.		
00.648.3	6 lt.		



PLASTIC REZERVUAR (YEDEK TANK)

Kodu	Kapasite	Ürün Cinsi	
A78.129117	0,5 Lt Plastic	PM	Plastic
A78.129090	1 Lt Plastic	CMV	
A78.129091	2 Lt Plastic	CMV	
A78.129092	3 Lt Plastic	CMV-CME	



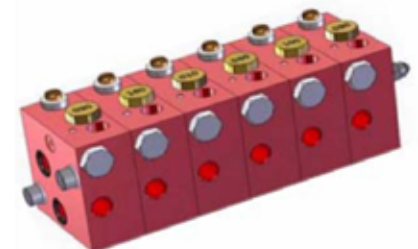
MIXER-3 VALVE

Kod	mm ³ / stroke
02.909.0.010	10 mm ³
02.909.0.020	20 mm ³
02.909.0.030	30 mm ³
02.909.0.060	60 mm ³
02.909.0.100	100 mm ³
02.909.0.160	160 mm ³



Mixer Valf - Spray (Mist) Teknik Özellikleri :

- * Tek hava girişi dış ölçüsü R 1/8", tek yağ girişi dış ölçüsü R 1/8"
- * Hava+yağ (spray-mist) çıkışları dış ölçüsü R 1/8"
- * Giriş yağ basıncı çalışma aralığı, minimum 16 bar - maksimum 60 bar.
- * Giriş hava basıncı çalışma aralığı, minimum 0,5 bar - maksimum 8 bar.
- * Sıvı yağ çalışma viskozitesi, maksimum 220cst
- * Her çıkış için, hava miktar ve basınç ayarı mevcuttur.





KIRICI/DELİCİ SİSTEMLER İÇİN UYGUN GRES YAĞLAMA SİSTEMLERİ

Kod	Tip	Reservuar	Kırıcı Tonajı	Çıkış Basıncı	Ayar. Çıkış Mik. cc
K8010000	KS22D	300 ml	3-15 Ton	3 bar	0,1- 0,7 / Dk.
K8020000	KC7	400 ml	25-70 Ton	30-80 bar	0,2- 1 / Dk.
K8030000	KC5	300 ml	15-25 Ton	20-60 bar	0,1- 0,7 / Dk.
K8040000	KHL11CU	400 ml	25-70 Ton	10 bar	0,2- 1 / Dk.
K8050000		300 ml	15-25 Ton		
K8060000	KHL11CD	400 ml	25-70 Ton	10 bar	0,2- 1 / Dk.
K8070000		300 ml	15-25 Ton		
K8080000	KDCA62	400 ml	25-70 Ton	10 bar	0,2- 1 / Dk.
K8090000	KDCA53		15-25 Ton		

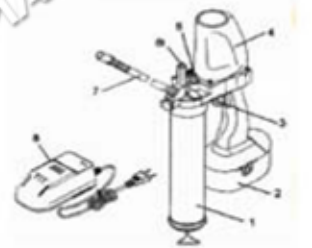
Teknik Özellikleri:

- * Hammer Kırıcılar için Otomatik Gres Yağlama Sistemidir.
- * Kırıcı işlemi esnasında harekete bağlı olarak (Knetic) gres gönderilmektedir.
- * Çalışması titreşim gücüyle olmaktadır.Ek bir güce ihtiyacı yoktur.
- * Gres gönderimi herhangi bir Elektrik, Hidrolik veya pnömomatik güce ihtiyaç duymadığında titreşimden kaynaklanan arızalar minimuma indirilmiştir.
- * Besleme Hortum veya Elektrik Kablosu kopma arızası ihtimali yoktur.
- * Çalışma Sıcaklığı Aralığı -10C +60C.Gres Çıkış Diş ölçüsü R1/4"
- * Tavsiye edilen Gres MO2 katkılı olmalıdır. Soğuk şartlar da NLGI-0 Gres,
- * Sıcak Şartlar da NLGI-2 Gres kullanılmalıdır.
- * Reservuarlar tekrar doldurulabilir.Gres çıkış miktarları ayarlanabilir.
- * Yatağa direk manuel gres basma gresörlüğü vardır.



12VDC TAŞINABİLİR GRES POMPALARI

Kod	Model
G00189	for louse grease
G00189A	Cartridge 600gr. (Ø56)
G00189B	Cartridge 400gr. (Ø56)
G00189C	Cartridge 600gr. (Ø53)
G00289D	Cartridge 400gr. (Ø53)



TEKNİK DETAY

Set İçindekiler

Kafa ve gövde çelik tabaka	1. Cylinder
Epoxy boya kaplama çelik gövde	2. 12 Volt Battery
Doldurulabilir 12VDC batarya	3. Trigger
1 saatlik batarya şarjı (12 saat ilk dolun)	4. Motor
Pil şarj motoru 12VDC	5. Air Vent Valve
Pil şarj cihazı besleme 220VAC	6. Pressure Safety Valve
Maks.geri basınç 300 bar	7. Exit Hose with 4 Jaws Coupler
Çıkış debi 80cc/dk. NLGI grease (160 cST)	8. Battery Charger



DPM MONOBLOK PROGRESSIVE DAĞITICILAR

Kod	Tip
02.880.3 DPM-3	3-4-5-6 çıkış alınabilir
02.880.4 DPM-4	4-5-6-7-8 çıkış alınabilir
02.880.5 DPM-5	5-6-7-8-9-10 çıkış alınabilir
02.880.6 DPM-6	6-7-8-9-10-11-12 çıkış alınabilir
02.880.7 DPM-7	7-8-9-10-11-12-13-14 çıkış alınabilir
02.880.8 DPM-8	8-9-10-11-12-13-14-15-16 çıkış alınabilir
02.880.9 DPM-9	9-10-11-12-13-14-15-16-17-18 çıkış alınabilir
02.881.0 DPM-10	10-11-12-13-14-15-16-17-18-19-20 çıkış alınabilir
14.050.7	Gres Check Valve 10*1 Out Ring 4/6
49.050.1	Microswitch - Prox. Sw. Alarm
6.52.0+4.52.0	Giriş-Çıkış Ø6 mm Boru için Rekor + Yüksük Takımı
6.51.0+4.51.0	Çıkış Ø4 mm Boru için Rekor + Yüksük Takımı
M6-M8-M10-R1/8"	Otomatik Metal Düz Rekor Ø4-Ø6mm 500 bar
M6-M8-M10-R1/8"	Otomatik Metal Döner Dirsek Rekor Ø4-Ø6mm 500 bar
Gres Hortumu	Yüksek Basınç Gres Hortumu 600 Bar 9*5 (OD:9mm ID:5mm)
Gres Hortumu Başlığı	Yüksek Basınç Gres Hortumu Vidalı İkili Başlığı Ø6mm
LL Mini Düz Rekor	M6-M8-M10-R1/8"/Ø6mm Düz Rekor (Gövde+Yüksük+Somun)
LL Mini Dirsek Rekor	M6-M8-M10-R1/8"/Ø6mm Dirsek Rekor (Gövde+Yüksük+Somun)
Polyamide PA12HL SR	ZEC Hortum - Ø6*3mm - 280 Bar - -20°C+80°C
Polyamide PA6	ZEC Hortum - Ø6*4mm - 200 Bar - 0°C+70°C
Polyamide PA12HL SR	ZEC Hortum - Ø4*2,5mm - 200 Bar - -20°C+80°C
Polyamide PA6	ZEC Hortum - Ø4*2,5mm - 150 Bar - 0°C+70°C

*Sw. Pim Göstergeli.(Sensör ve bloğu hariç.) ilave 25 € eklenir.



DPM-3



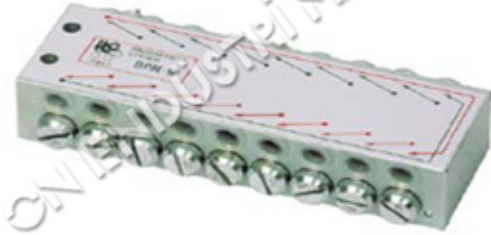
DPM-4



DPM-5



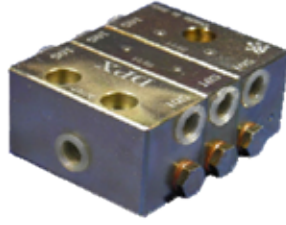
DPM-6



DPM-9

DPM SERIES PROGRESSIVE DAĞITICILAR TEKNİK ÖZELLİKLERİ:

- * Maksimum Çalışma basıncı 250 bar. Maksimum Çalışma Sıcaklığı +100°C , Minimum Çalışma Sıcaklığı -20°C
- * Giriş R1/8" ve Çıkışlar M10*1 bağlantı dişleri. Çalışma viskozitesi ; Sıvı yağ 15cst, maksimum gres NLGI 2
- * Yağ veya Gres çıkış miktarları (her bir çıkış için) 0,1 cc ile 0,4cc arası olabilmektedir.
- * Çıkış miktarları değerleri 0,1cc-0,15cc-0,2cc olabilmektedir.
- * Microswitch kullanılarak; pompa arızası, DPM arızası veya herhangi bir nokta- noktaların tıkanmasında, pompa rezervuarının gres veya sıvı yağ bitiminde PLC'ye alarm alınabilmektedir.
- * Ebatları DPA'ya göre yaklaşık %50 küçültülmüştür. Daha minyatür olduğu için , tercih sebebi olabilir.
- * Monoblok gövdeli olduğu için farklı yağ veya gres miktarları gönderilemez , ara blok ekleme veya çıkartma yapılamaz.
- * Eşit miktar istenildiğinde tercih edilebilir.



DPX PROGRESSIVE DAĞITICILAR

Kod	Tip
DPX-3	2 çıkış alınabilir
DPX-3	3-4-5-6 çıkış alınabilir
DPX-4	4-5-6-7-8 çıkış alınabilir
DPX-5	5-6-7-8-9-10 çıkış alınabilir
DPX-6	6-7-8-9-10-11-12 çıkış alınabilir
DPX-7	7-8-9-10-11-12-13-14 çıkış alınabilir
DPX-8	8-9-10-11-12-13-14-15-16 çıkış alınabilir
DPX-9	9-10-11-12-13-14-15-16-17-18 çıkış alınabilir
DPX-10	10-11-12-13-14-15-16-17-18-19-20 çıkış alınabilir
14.050.9	Gres Check Valve 10*1 Out Ring 4/6
49.050.2	Microswitch - Prox. Sw. Alarm
49.052.5	DPX Inductive PNP Sensor
6.52.0+4.52.0	Giriş-Çıkış Ø6 mm Boru için Rekor + Yüksük Takımı
6.51.0+4.51.0	Çıkış Ø4 mm Boru için Rekor + Yüksük Takımı
M6-M8-M10-R1/8"	Otomatik Metal Düz Rekor Ø4-Ø6mm 500 bar
M6-M8-M10-R1/8"	Otomatik Metal Döner Dirsek Rekor Ø4-Ø6mm 500 bar
Gres Hortumu	Yüksek Basınç Gres Hortumu 600 Bar 9*5 (OD:9mm ID:5mm)
Gres Hortumu Başlığı	Yüksek Basınç Gres Hortumu Vidalı İkili Başlığı Ø6mm
LL Mini Düz Rekor	M6-M8-M10-R1/8" Ø6mm Düz Rekor (Gövde +Yüksük+Somun)
LL Mini Dirsek Rekor	M6-M8-M10-R1/8" Ø6mm Dirsek Rekor (Gövde +Yüksük+Somun)
Polyamide PA12HL SR	ZEC Hortum - Ø6*3mm - 280 Bar - -20°C +80°C
Polyamide PA6	ZEC Hortum - Ø6*4mm - 200 Bar - 0°C +70°C
Polyamide PA12HL SR	ZEC Hortum - Ø4*2,5mm - 200 Bar - -20°C +80°C
Polyamide PA6	ZEC Hortum - Ø4*2,5mm - 150 Bar - 0°C +70°C



2.B.105.D.31



49.052.5

*Sw. Pim Göstergeli.(Sensör ve bloğu hariç.) ilave * eklenir.

DPX SERIES PROGRESSIVE DAĞITICILAR TEKNİK ÖZELLİKLERİ:

- * Maksimum Çalışma basıncı 300 bar. Maksimum Çalışma Sıcaklığı +100°C, Minimum Çalışma Sıcaklığı -20°C
- * Giriş R 1/8", Çıkışlar M10*1 bağlantı dişleri. Çalışma vizkozitesi; Sıvı yağ 15cst, maksimum gres NLGI 2
- * Yağ veya Gres çıkış miktarları (her bir çıkış için) 0,025 cc ile 0,42cc arası olabilmektedir.
- * Çıkış miktarları değerleri 0,025cc-0,045cc-0,075cc-0,105cc olabilmektedir.
- * Microswitch kullanılarak ; pompa arızası, DPX arızası veya herhangi bir nokta- noktaların tıkanmasında, pompa rezervuarının gres veya sıvı yağ bitiminde PLC'ye alarm alınabilmektedir.
- * Ebatları DPA'ya göre yaklaşık %50 küçültülmüştür. Daha minyatür olduğu için, tercih sebebi olabilir.





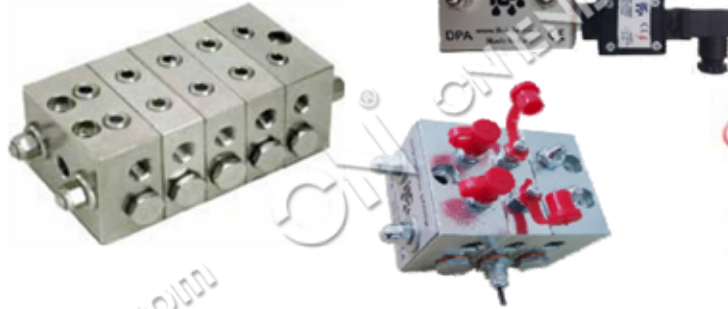
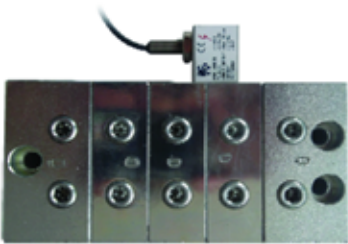
DPA PROGRESSIVE DAĞITICILAR

Kod	Tip
02.800.3 DPA-3/2	2 çıkış alınabilir, Crossport
02.800.3 DPA-3	3-4-5-6 çıkış alınabilir
02.800.4 DPA-4	4-5-6-7-8 çıkış alınabilir
02.800.5 DPA-5	5-6-7-8-9-10 çıkış alınabilir
02.800.6 DPA-6	6-7-8-9-10-11-12 çıkış alınabilir
02.800.7 DPA-7	7-8-9-10-11-12-13-14 çıkış alınabilir
02.800.8 DPA-8	8-9-10-11-12-13-14-15-16 çıkış alınabilir
02.800.9 DPA-9	9-10-11-12-13-14-15-16-17-18 çıkış alınabilir
02.801.0 DPA-10	10-11-12-13-14-15-16-17-18-19-20 çıkış alınabilir
02.801.1 DPA-11	11-12-13-14-15-16-17-18-19-20-21-22 çıkış alınabilir
02.801.2 DPA-12	12-13-14-15-16-17-18-19-20-21-22-23-24 çıkış alınabilir
02.801.3 DPA-13	13-14-15-16-17-18-19-20-21-22-23-24-25-26 çıkış alınabilir
02.801.4 DPA-14	14-15-16-17-18-19-20-21-22-23-24-25-26-27-28 çıkış alınabilir
02.801.5 DPA-15	15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30 çıkış alınabilir
14.050.8	Gres Check Valve 10*1 Out Ring 4/6 (Redüksiyon)
ZZZ106-003-RVV	Gres Check Valve 10*1 Out Ø6 LL Düz (Gövde+Yüksük+Somun)
49.050.0	Microswitch - Prox. Sw. Alarm
DPA-ind.	İndikatör - Arıza kolay tespit
HTG	Gresörlük (ILC) NPT M10*1 - Gövde Düz (DPA çıkışına takılır) + Tapası
6.52.0+4.52.0	Giriş-Çıkış Ø6 mm Boru için Rekor + Yüksük Takımı
6.51.0+4.51.0	Çıkış Ø4 mm Boru için Rekor + Yüksük Takımı
M6-M8-M10-R1/8"	Otomatik Metal Düz Rekor Ø4-Ø6mm 500 bar
M6-M8-M10-R1/8"	Otomatik Metal Döner Dirsek Rekor Ø4-Ø6mm 500 bar
Gres Hortumu	Yüksek Basınç Gres Hortumu 600 Bar 9*5 (DÇ: 9 mm İÇ: 5 mm)
Gres Hortumu Başlığı	Yüksek Basınç Gres Hortumu Vidalı İkili Başlığı Q6 mm
LL Mini Düz Rekor	M6-M8-M10-R1/8" Ø6mm Düz Rekor (Gövde +Yüksük+Somun)
LL Mini Dirsek Rekor	M6-M8-M10-R1/8" Ø6mm Dirsek Rekor (Gövde +Yüksük+Somun)
Polyamide PA12HL SR	ZEC Hortum - Ø6*3mm - 280 Bar - -20°C +80°C
Polyamide PA6	ZEC Hortum - Ø6*4mm - 200 Bar - 0°C +70°C
Polyamide PA12HL SR	ZEC Hortum - Ø4*2,5mm - 200 Bar - -20°C +80°C
Polyamide PA6	ZEC Hortum - Ø4*2,5mm - 150 Bar - 0°C +70°C



14.050.8

*Sw. Pim Göstergeli.(Sensör ve bloğu hariç.) ilave * eklenir.



İndikatör



DPA SERIES PROGRESSIVE DAĞITICILAR TEKNİK ÖZELLİKLERİ:

- * Maksimum Çalışma basıncı 300 bar. Giriş M10*1, Çıkışlar M10*1 bağlantı dişleri
- * Maksimum Çalışma Sıcaklığı 100°C. Minimum Çalışma Sıcaklığı -20°C
- * Çalışma viskozitesi; minimum sıvı yağ 15cst, maksimum gres NLGI 2
- * Yağ veya Gres çıkış miktarları (her bir çıkış için) 0,1 cc ile 2 cc arası olabilmektedir.
- * Çıkış miktarları değerleri 0,1cc-0,15cc-0,2cc-0,3cc-0,4cc-0,5cc olabilmektedir.
- * Prox. Sw. kullanılarak, pompa arızası, DPA arızası veya herhangi bir nokta- noktaların tıkanmasında, pompa rezervuarının gres veya sıvı yağ bitiminde, ana yağ hattının kopmasında PLC'ye alarm alınabilmektedir.
- * İndikatörler kullanılarak, hangi bir bölge, nokta veya noktaların tıkanıp tıkanmadığı gözle görülebilir.
- * Yağlama noktasının fazla olduğu sistemler de arızanın bulunması son derece kolay olur.
- * Arıza süresi azalır. Makine çalışma süresi artar.

DMX PROGRESSIVE DAĞITICILAR

Kod	Tipi
3.DMX.02	2 çıkış alınabilir, Crossport
3.DMX.03	3-4-5-6 çıkış alınabilir
3.DMX.04	4-5-6-7-8 çıkış alınabilir
3.DMX.05	5-6-7-8-9-10 çıkış alınabilir
3.DMX.06	6-7-8-9-10-11-12 çıkış alınabilir
3.DMX.07	7-8-9-10-11-12-13-14 çıkış alınabilir
3.DMX.08	8-9-10-11-12-13-14-15-16 çıkış alınabilir
3.DMX.09	9-10-11-12-13-14-15-16-17-18 çıkış alınabilir
3.DMX.10	10-11-12-13-14-15-16-17-18-19-20 çıkış alınabilir
3.DMX.11	11-12-13-14-15-16-17-18-19-20-21-22 çıkış alınabilir
3.DMX.12	12-13-14-15-16-17-18-19-20-21-22-23-24 çıkış alınabilir
3.DMX.13	13-14-15-16-17-18-19-20-21-22-23-24-25-26 çıkış alınabilir
3.DMX.14	14-15-16-17-18-19-20-21-22-23-24-25-26-27-28 çıkış alınabilir
3.DMX.15	15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30 çıkış alınabilir
A70.093688/115/230AC	Shut-Off Gres Popet Ev-2 Valve 1/8, Max. 300 bar, 2/2 NC, max. NLGI1, 24VDC
3.DMX.BP	By Pass çıkış sayısını azaltma üst element
14.060.4	Gres Check Valve 1/4 In (Redüksiyon)
14.051.4	Gres Check Valve 1/8 Out Redüksiyon)
49.053.1	Micro sw (24-110-220VAC) - Prox. Sw. (24VDC PNP) Alarm inductive control
DMX-ind.	Stick Ind. İndikatör Yüksek Basınç arıza kolay tespit (100-150-250 bar)
DMX-Hind.	Stick Ind. + Memory Hafızalı İndikatör - Arıza kolay tespit (100-150-250 bar)
HTGD	Gresörlük (ILC) NPT 1/8 - Gövde Düz (DMX çıkışına takılır) + Tapası
M6-M8-M10-R1/8"	Otomatik Metal Düz Rekor Ø4-Ø6mm 500 bar
M6-M8-M10-R1/8"	Otomatik Metal Döner Dirsek Rekor Ø4-Ø6mm 500 bar
Gres Hortumu	Yüksek Basınç Gres Hortumu 600 Bar 9*5 (DÇ: 9 mm İÇ: 5 mm)
Gres Hortumu Başlığı	Yüksek Basınç Gres Hortumu Vidalı İkili Başlığı Ø6 mm
LL Mini Düz Rekor	M6-M8-M10 - R1/8" / Ø6mm Düz Rekor (Gövde +Yüksük+Somun)
LL Mini Dirsek Rekor	M6-M8-M10 - R1/8" / Ø6mm Dirsek Rekor (Gövde +Yüksük+Somun)
Polyamide PA12HL SR	ZEC Hortum - Ø6*3mm - 280 Bar - -20°C +80°C
Polyamide PA6	ZEC Hortum - Ø6*4mm - 200 Bar - 0°C +70°C
Polyamide PA12HL SR	ZEC Hortum - Ø4*2,5mm - 200 Bar - -20°C +80°C
Polyamide PA6	ZEC Hortum - Ø4*2,5mm - 150 Bar - 0°C +70°C



*Sw. Pim Göstergeli.(Sensör ve bloğu hariç.) ilave * eklenir.


DMX-3

DMX-4

DMX-5

DMX-ind.
DMX-Hind.
(Hafızalı ind.)

DMX SERIES PROGRESSIVE DAĞITICILAR TEKNİK ÖZELLİKLERİ:

- * Maksimum Çalışma basıncı 400 bar .Giriş R1/4, Çıkışlar R1/8 bağlantı dişleri,
- * Malzeme; Steel Zn-Ni plated (free of Cr-V), Zinc-Nickel 800 hour salt spray tested, Gaskets "O"-ring Viton 90 şf
- * Maksimum Çalışma Sıcaklığı 120°C .Minimum Çalışma Sıcaklığı -40°C
- * Metering valves interchangeability; Graco MSP - Bijur serie M2500G - Dropsa serie SMX
- * Çalışma vizkositesi; minimum sıvı yağ 15cst, maksimum gres NLGI 2
- * Yağ veya Gres çıkış miktarları (her bir çıkış için) 0,04 cc ile 2,6 cc arası olabilmektedir.
- * Çıkış miktarları değerleri 0,04cc-0,08cc-0,16cc-0,25cc-0,4cc-0,5cc-0,65cc olabilmektedir.
- * Prox. Sw. kullanılarak, pompa arızası, DMX arızası veya herhangi bir nokta- noktaların tıkanmasında, pompa rezervuarının gres veya sıvı yağ bitiminde, ana yağ hattının kopmasında PLC'ye alarm alınabilmektedir.

İNDİKATÖRLER KULLANIMI İLE İLGİLİ TEKNİK

- * İndikatörler kullanılarak, hangi bir bölge, nokta veya noktaların tıkanıdığı gözle görülebilir.
- * Yağlama noktasının fazla olduğu sistemler de arızanın bulunması son derece kolay olur.
- * Arıza süresi azalır.Makine çalışma süresi artar.


3.DXX.05

3.DXX.008.D.1N



ÇOKLU ALÜMİNYUM MANIFOLDLAR (VOLUMETRIC SİST. SIVI YAĞ & SOFT GRES İÇİN)

Kod	Tipi			
01.030.0	Manifold A3	1 giriş - 1 son	üstte 1 çıkış	5/16" Bütün dişler
01.040.0	Manifold A4		üstte 2 çıkış	
01.050.0	Manifold A5		üstte 3 çıkış	
01.060.0	Manifold A6		üstte 4 çıkış	
01.070.0	Manifold A7		üstte 5 çıkış	
01.080.0	Manifold A8		üstte 6 çıkış	
01.090.0	Manifold A9		üstte 7 çıkış	
01.100.0	Manifold A10		üstte 8 çıkış	
01.120.0	Manifold A12		üstte 10 çıkış	



01.040.0



01.050.0



01.060.0

01.030.1	Manifold A3	1 giriş 1/8	1 son 1/8	üstte 1 çıkış 5/16"
01.040.1	Manifold A4			üstte 2 çıkış 5/16"
01.050.1	Manifold A5			üstte 3 çıkış 5/16"
01.060.1	Manifold A6			üstte 4 çıkış 5/16"
01.070.1	Manifold A7			üstte 5 çıkış 5/16"
01.080.1	Manifold A8			üstte 6 çıkış 5/16"
01.090.1	Manifold A9			üstte 7 çıkış 5/16"
01.100.1	Manifold A10			üstte 8 çıkış 5/16"
01.120.1	Manifold A12			üstte 10 çıkış 5/16"



01.521.0	Manifold A4	1 giriş M12*1	1 son M12*1	üstte 2 çıkış M10*1
01.522.0	Manifold A5			üstte 3 çıkış M10*1
01.523.0	Manifold A6			üstte 4 çıkış M10*1
01.524.0	Manifold A7			üstte 5 çıkış M10*1
01.525.0	Manifold A8			üstte 6 çıkış M10*1
01.526.0	Manifold A9			üstte 7 çıkış M10*1
01.527.0	Manifold A10			üstte 8 çıkış M10*1
01.528.0	Manifold A11			üstte 9 çıkış M10*1
01.529.0	Manifold A12			üstte 10 çıkış M10*1
01.545.0	Manifold A14			üstte 12 çıkış M10*1



01.420.0	Manifold A3	1 giriş- 1 son	1/8" Bütün dişler	üstte 1 çıkış
01.420.1	Manifold A4			üstte 2 çıkış
01.420.2	Manifold A5			üstte 3 çıkış
01.420.3	Manifold A6			üstte 4 çıkış
01.420.4	Manifold A7			üstte 5 çıkış
01.420.5	Manifold A8			üstte 6 çıkış
01.420.6	Manifold A9			üstte 7 çıkış
01.420.7	Manifold A10			üstte 8 çıkış
01.420.8	Manifold A11			üstte 9 çıkış
01.420.9	Manifold A12			üstte 10 çıkış

MANIFOLDLARA UYGUN SOMUN + YÜKSÜKLER + KÖRTAPALAR

Kod	Tipi		
04.102.2	Erkek Metal Somun	PA4	M8*1
04.102.0		PA4	5/16"
04.060.0		PA6	M10*1
04.103.0		PA6	1/8"
04.051.0	Male Fitting Tube D4 M10*1 (PA4 somun, yüksüğü anelli 06.051.0)		
04.052.0	Male Fitting Tube D6 M10*1 (PA6 somun, yüksüğü anelli 06.052.0)		
04.053.0	Male Fitting Tube D6 M12*1 (PA6 somun, yüksüğü anelli 06.053.0)		
04.054.0	Male Fitting Tube D8 M12*1 (PA8 somun, yüksüğü anelli 06.054.0)		
06.051.0	Anelli T Yüksük Seal Ring Tube D4 (DPA-DPX- Manifold Çıkışları)		
06.052.0	Anelli T Yüksük Seal Ring Tube D6 (DPA-DPX- Manifold Çıkışları)		
06.053.0	Anelli Seal Ring Tube D6 (CME-MPT- Manifold Giriş)		
06.054.0	Anelli Seal Ring Tube D8 (CME-MPT- Manifold Giriş)		
06.002.0	Yüksük Olive Tube	PB4	D4
06.003.0		PB6	D6
05.001.0	Körtapa Metal	Plug	5/16"
05.001.2			M8*1
05.001.2			R1/8"
05.006.0			M10*1
05.013.0			M12*1



04.052.0



06.052.0



05.001.0



METERING UNITS (DİRENÇLİ SİSTEMLER İÇİN) DAĞITICILAR

Kod	Tip	
02.004.0-1-2-3-4	NO.0-1-2-3-4	nipel 5/16"
02.004.5-6-7-8-9	NO.5-6-7-8-9	
02.006.0.1-2-3-4	20-1-2-3-4	MAN D4mm.Otom. Plast. fitting girişli
02.006.5-6-7-8-9	25-6-7-8-9	MAN D4mm.Otom. Plast girişli
02.006.M.0.1-2-3-4	20-1-2-3-4	MAN D4mm.Otom. Metal fitting girişli
02.006.M.4.5-6-7-8-9	25-6-7-8-9	MAN D4mm. Metal fitting girişli
02.006.MQ6.0.1-2-3-4	20-1-2-3-4	MAN D6mm.Otom. Metal fitting girişli
02.006.MQ6.5-6-7-8-9	25-6-7-8-9	MAN D6mm. Metal fitting girişli



02.006.5

Kod	Tip	
SHT-1-SHTG	1 adet enjektör	A3 manifold
SHT-2-SHTG	2 adet enjektör	A4 manifold
SHT-3-SHTG	3 adet enjektör	A5 manifold
SHT-4-SHTG	4 adet enjektör	A6 manifold
SHT-5-SHTG	5 adet enjektör	A7 manifold
SHT-6-SHTG	6 adet enjektör	A8 manifold
SHT-7-SHTG	7 adet enjektör	A9 manifold
SHT-8-SHTG	8 adet enjektör	A10 manifold
SHT-9-SHTG	9 adet enjektör	A11 manifold
SHT-10-SHTG	10 adet enjektör	A12 manifold

Monifold giriş (Ø6) otomatik düz rekorlu ve enjektörler çıkışları (Ø4) otomatik düz rekorlu, manifold sonunda körtapalı



SHT-10-SHTG



SHT-4-SHTG

Genel Teknik Özellikler:

- * Sabit dozajlı serbest geçiş enjektörlerdir. Her çıkış çekvalfidir.
- * Giriş Ø6, Çıkışlar Ø4mm otomatik metal fittingli, Enjektörler ILC (İtalyan) Markadır.
- * Çıkışlar da Ø6mm otomatik metal fittingli istenirse * eklenir çıkış başına.
- * IM29 - Enjektörler de; 9 numara ; 8 numaradan yaklaşık 2 katı fazla debide yağ basar. 9 no 43,520-58,880cc/min. Cpv5-D21F
- * IM28 - Enjektörler de; 8 numara ; 7 numaradan yaklaşık 2 katı fazla debide yağ basar. 8 no 21,760-29,440cc/min. Cpv4-D21E
- * IM27 - Enjektörler de; 7 numara ; 6 numaradan yaklaşık 2 katı fazla debide yağ basar. 7 no 10,880-14,720cc/min. Cpv3-D21D
- * IM24 - Enjektörler de; 6 numara ; 5 numaradan yaklaşık 2 katı fazla debide yağ basar. 6 no 5,440-7,360cc/min. Cpv2-D21C
- * IM25 - Enjektörler de; 5 numara ; 4 numaradan yaklaşık 2 katı fazla debide yağ basar. 5 no 2,720-3,680cc/min. Cpv1-D21B
- * IM24 - Enjektörler de; 4 numara ; 3 numaradan yaklaşık 2 katı fazla debide yağ basar. 4 no 1,360-1,840cc/min. D21A
- * IM23 - Enjektörler de; 3 numara ; 2 numaradan yaklaşık 2 katı fazla debide yağ basar. 3 no 0,680-0,920cc/min. D21AA
- * IM22 - Enjektörler de; 2 numara ; 1 numaradan yaklaşık 2 katı fazla debide yağ basar. 2 no 0,340-0,460cc/min.
- * IM21 - Enjektörler de; 1 numara ; 0 numaradan yaklaşık 2 katı fazla debide yağ basar. 1 no 0,170-0,230cc/min.
- * Değerler 7 barda, 65cst viskosite sıvı yağda , 25 °C sıcaklıkta ölçülmüştür.

SHTG Gresörlük Gres

Kod	Tip	
SHT-1-SHTG	1 adet enjektör	A3 manifold
SHT-2-SHTG	2 adet enjektör	A4 manifold
SHT-3-SHTG	3 adet enjektör	A5 manifold
SHT-4-SHTG	4 adet enjektör	A6 manifold
SHT-5-SHTG	5 adet enjektör	A7 manifold
SHT-6-SHTG	6 adet enjektör	A8 manifold
SHT-7-SHTG	7 adet enjektör	A9 manifold
SHT-8-SHTG	8 adet enjektör	A10 manifold
SHT-9-SHTG	9 adet enjektör	A11 manifold
SHT-10-SHTG	10 adet enjektör	A12 manifold

Kollu Manuel gres uygulamaları için manifold girişine kuyruklu dirsek gresörlük ve kırmızı tapası monte edilir ve tüm çıkışları Ø6 otomatik düz rekorludur.

SHTG2 = 31 € = A-4 manifold 02.040.1 + 2 adet 9 nolu enjektör 02.104.9 + 2 adet Ø6*1/8-57030 + 1/8 körtapa 3015 + 1/8 kuyruklu dirsek 03.502.0 + 1/8 düz 1000 bar ilc gresörlük + plastik kırmızı tapa.



Kod	Tipi
03.258.2	Otom.Direkt Dişi Rekor D4-5/16 unF Plastik
03.258.2.M	Otom.Direkt Dişi Metal Rekor D4-M8*1
04.001.0	Female Fitting DPT Meter .Val D4 5/16" (PR08, yüksüğü PB4)
06.002.0	PB4 Yüksük Olive Tube D4 Swivel





GRES ve SIVI YAĞ YUKSEK BASINÇ REKORLARI

Kodu	Tipi	Diş Ölçüsü	Basınç (bar)	Cinsi
03.255.1	Straight Push-in - Düz Rekor	D4 M6x1	250 Bar	Metal Otomatik
03.255.1.8L		D4 M6x1 (L=8mm diş boyu) Lineer arabalar için O-Ring'li		
03.255.2		D4 M8x1		
03.255.3		D4 M10x1		
03.255.0		D4 R1/8"K		
03.255.4.8L		D4 M6x0,75 (L=8mm diş boyu) Lineer arabalar için O-Ring'li		
03.255.4		D4 M6x0,75		
03.257.5		D4 R5/16"24unf		



03.255.1



03.255.3



03.257.5

03.256.1	Straight Push-in - Düz Rekor	D6 M6x1	250 Bar	Metal Otomatik
03.256.2		D6 M8x1		
03.256.3		D6 M10x1		
03.256.0		D6 R1/8"		
03.257.6		D6 5/16" 24unf		
03.256.4		D6 M12x1		
03.257.4		D6 R1/4"G		



03.256.1



03.256.2



03.256.3

03.255.5	Elbow Push-in - Döner Dirsek	D4 M6x1	250 Bar	Metal Otomatik
03.255.5.8L		D4 M6x1 (L=8 mm diş boyu) Lineer arabalar için O-Ring'li		
03.255.6		D4 M8x1		
03.255.8		D4 M10x1		
03.255.7		D4 R1/8"		
03.257.7		D4 R5/16"		
03.257.0.8L		D4 M6x0,75 (L=8 mm diş boyu) Lineer arabalar için O-Ring'li		
03.257.0		D4 M6x0,75		



03.255.8



03.256.5

03.256.5	Elbow Push-in - Döner Dirsek	D6 M6x1	250 Bar	Metal Otomatik
03.257.1		D6 M8x1		
03.256.7		D6 M10x1		
03.256.6		D6 1/8"		
03.257.8		D6 5/16" 24unf		
03.256.8		D6 M12x1		
03.257.2		D6 1/4" G		



03.256.6



03.256.7



03.257.1



03.257.8

Teknik Özellikleri:

- * Ürünler çift kavrama tıklamalıdır. Hortumu 2 defa sıkarak, hortumu monte ederken çift tık sesini duymalısınız kaçırması için.
- * Ürünlerin patlama basıncı 1000 bar, çalışma basıncı 250 bar, Dişler konik (tapared) (8 mm diş boyu hariç) ILC (İtalya) markadır.
- * Tavsiye edilen Hortumlar Ø4mm veya Ø6mm PA6-PA11-PA12, çift kanallı Ø4mm veya Ø6mm boru vidalı başlıklarla.
- * Ø4mm veya Ø6mm Vidalı Başlıklı, çift sekman kanallı borularıda, otomatik fitting geçmeli kullanılmaktadır.
- * Döner dirseklerin kendi etrafında 6mm lokma anahtar ile sıkılabilmesi avantajı vardır.





ÇELİK DÜZ REDÜKSİYONLAR

Kodu	Tip	Erkek	Dişi	L Toplam Uzunluk D Diş
ZZZ100-120	Extension Pieçes	M6x1	M8x1	L:20mm D4
ZZZ100-130		M8X1	M8X1	L:18mm D4
ZZZ100-132		M8X1	M8X1	D4
ZZZ100-135		M8X1	M10X1	D6
ZZZ100-137		M8X1	M10X1	L:23mm D6
ZZZ100-140		M10X1	M8X1	L:18mm D4
ZZZ100-141		M10X1	M10X1	L:23mm D6
ZZZ100-142		M10X1	M10X1	L:18mm D6
ZZZ100-143		M10X1	M10X1	L:40mm D6
ZZZ100-145		M10X1	M10X1	L:35mm D6
ZZZ100-146		M10X1	M10X1	L:50mm D6
ZZZ100-148		1/8" BSP	1/8" BSP	L:23mm D6
ZZZ100-149		1/8" BSP	1/8" BSP	L:35mm D6
ZZZ100-151		1/8" BSP	M10X1	L:18mm D6
ZZZ100-152	1/8" BSP	1/8" BSP	L:18mm D6	
ZZZ100-153	1/8" BSP	1/8" BSP	L:50mm D6	
03.206.1	Adaptör	M12x1	1/8"	D6



ÇELİK DİRSEK (KÖŞE) REDÜKSİYONLAR

ZZZ100-721	Adaptör 90°	M6*1	M8x1	L: 23mm D4
ZZZ100-722		M8*1	M8x1	
ZZZ100-723		M10*1	M8x1	
ZZZ100-724		1/8	M8x1	
ZZZ100-733		M10*1	M10x1	
ZZZ100-744		1/8	1/8 BSP	



ÇELİK (KUYRUKLU) REDÜKSİYON DİRSEKLER

03.601.0	Adaptör 90°	M8*1	5/16"	D4
03.501.0		1/8"	5/16"	D4
03.502.0		1/8"	5/16"	D6



ÇELİK 45 DERECE REDÜKSİYON

ZZZ100-822	Adaptör 45°	M8*1	M8x1	L:23mm D4
ZZZ100-833		M10*1	M10x1	L:23mm D6
ZZZ100-844		1/8	Rp 1/8 BSP	L:23mm D6



REDÜKSİYONLARA UYGUN SOMUN ve YÜKSÜKLER

04.102.2	Erkek Metal Somun	PA4 M8*1	D4 Swivel D4
04.102.0		PA4 5/16"	
06.002.0	Yüksük Olive Tube	PB4	
04.060.0	Erkek Metal Somun	PA6 M10*1	
04.103.0		PA6 1/8"	
06.003.0	Yüksük Olive Tube	PB6	



*İtalya siparişlerinde minimum 50 adet siparişi açlabilmektedir.

YAGLAMA SİSTEMLERİNDE KULLANILAN LL REKORLAR

Kodu	Tipi	Ölçü	Toplam
ZZZ106-001	Straight Screw Fitting Düz Rekor Takım	M6*1 KEG/TAP	Ø6mm
ZZZ106-002		M8*1 KEG/TAP	
ZZZ106-003		M10*1 KEG/TAP	
ZZZ106-003-RVV	Check Valve Gres Çekvalf Düz Rekor Takım (Akış Yön.Dışten Boruya)	M10*1 TUBE 6	Ø6mm
ZZZ104-002-CV4	Racc. A.P.Dır Düz Çekvalf (AKIŞ YÖN.BORUDAN DIŞE)	D.4mm M8*1 K+Check	Ø4mm
ZZZ106-004	Straight Screw Fitting Düz Rekor Takım	1/8" BSP KEG/TAP	Ø6mm



ELBOW SCREW FITTING SABİT DIRSEK REKOR TAKIM

Kodu	Tipi	Toplam Uzunluk
ZZZ106-101	M6X1 KEG/TAP	Ø6mm
ZZZ106-102	M8X1 KEG/TAP	
ZZZ106-103	M10X1 KEG/TAP	
ZZZ106-104	1/8" BSP KEG/TAP	
ZZZ104-101	M6X1 KEG/TAP 4mm	Ø4mm
ZZZ104-102	M8X1 KEG/TAP 4mm	
ZZZ104-104	1/8" BSP KEG/TAP 4mm	



STRAIGHT CONNECTOR TUBE

Kodu	Tipi	Toplam Uzunluk
ZZZ104-000	TUBE 4 mm	Ara Rekor Ø4mm - Düz Takım (M8*1 nipel)
ZZZ104-000-6	TUBE 4 mm-6 mm	Ara Rekor Ø4mm-Ø6mm - Düz Takım (M8*1-M10*1 nipel)
ZZZ106-000	TUBE 6 mm	Ara Rekor Ø6mm - Düz Takım (M10*1 nipel)
ZZZ106-000-8	TUBE 6 mm-8 mm	Ø6mm-Ø10mm Düz Takım (M10*1-M12*1 nipel)
ZZZ106-300	TE (1 giriş 2 çıkış)	Ø6mm Takım (M10*1 somunlu Anahtar ağızı 12mm)



*İtalya siparişlerinde minimum 50 adet siparişi açılabilir.

CHECK VALFLER

Kodu	Tipi	Ölçü		
		Akış Yönü	Erkeğe	Dişiye
14.050.3	1/8(E) - 1/8(D) GREASE	Akış Yönü Dışiden	(1/8)	(1/8)
14.050.4	1/8"(-E) - M10*1(D)		(M10)	
14.050.5	1/8"(-E) - 1/4(D)		(1/4)	
14.050.6	M10x1(-E) - M10*1(D)		(M10)	
14.050.7	M10x1(-E) - 1/4 (D)	Akış Yönü Erkekten	(1/4)	(M10)
14.050.8	M10x1 (-E)-M10x1(D)		(M10)	
14.050.9	M10x1 (-E)-1/4(D)		(1/4)	
14.051.4	1/8"(E)-1/8"(D)		(1/8)	
14.310.0*	M10*1 (E)-M10*1 (-E) Düz Nipel	Akış Yönü Erkekten	(M10)	(M10)
14.104.2*	M8*1 (E)-M8*1 (-E) Düz Nipel		(M8)	
14.300.0*	1/4" (E)-1/4" (-E) Düz Nipel		(1/4)	
			(1/4)	

*Gres Çekvalfleri Açma basınçları 1-2 bar, Maksimum Çalışma Basıncı 400 bar'dır.

PROGRESSİVE DAĞITICI DPL ÇIKIŞ ÖZEL ÇEKVALFLERİ

Kodu	Tipi	Akış Yönü	Ölçü	
03.222.2CV4	M10*1 (E) Düz (Takmatik)	Akış Yönü Erkekten	(M10)	
03.256.3NCV	M10*1 (E) Düz (Takmatik)			
14.052.0	M10*1 (E)- Düz Nipel LL			
03.222.2CV6	M10*1 (E)-M10*1 (-D) Düz Redüks.			
14.052.0.SL	M10*1 (E)-M10*1 (-E) Düz Nipel LL			
			Hortuma	Ø4mm
			Ø6 LL	Ø6mm
			Rekora	(Yüksüklü DişiSomunlu)
			Dişiye	(M10)
			Erkeğe	(M10)



REDUKSIYON ÇEKVALFLERİNE UYGUN SOMUN ve YUKSUKLER

Kodu	Tipi	Ölçü
04.060.0	Erkek Metal Somun	PA6 M10*1 D6
04.103.0		PA6 1/8" D6
06.003.0	Yüksük Olive Tube	PB6 D6 D6





HER İKİ TARAFI ERKEK ÇELİK ILC DÜZ NİPELLER

Kodu	Tipi	Dış Ölçüsü
03.220.0	Male Straight Fit.	8x1 - 10x1
03.221.0		1/8" - 10x1
03.222.0		10x1 - 10x1
03.223.0		M6*1 - 10*1
03.223.1		M6x0,75 - 10*1
03.000.2	Nipple (Equal)	M12x1 - M12x1



DÖNER DİRSEKLER SIKMALI TİP ÇELİK

Kodu	Tipi	Dış Ölçüsü		Tipi
03.350.0	Banjo	M10x1 (E)	M10x1 (D)	D6
03.351.0		M8x1(E)	M8x1 (D)	D4
03.351.1		1/8"(E)		D4
03.351.2		M10x1 (E)		D4
03.355.0		M6x1(E)		D4
03.355.1		M6x0,75(E)		D4
03.519.3		M12x1 (E)	M10x1 (D)	D6



BANJO DÖNER DİRSEKLERE UYGUN SOMUN ve YÜKSÜKLER

Kodu	Tipi	Dış Ölçüsü	
04.102.2	PA4 Erkek Metal Somun	M8*1	Ø4
06.002.0	PB4 Yüksük Olive Tube Swivel	D4	
04.060.0	PA6 ERKEK Metal Somun	M10*1	Ø6
06.003.0	PB6 Yüksük Olive Tube Swivel	D6	



VIDALI BAŞLIKLAR

Kodu	Tipi	Dış Ölçüsü		
ZZZ100-051+ZZZ100-50	Straight Hose Stud	Düz	Ø6x30 mm	H9*5
ZZZ100-051+ZZZ100-50-Yerli				
ZZZ100-052+ZZZ100-50	Elbow Hose Stud	Dirsek	Ø6X21 mm	
ZZZ100-053+ZZZ100-50			Ø6X37 mm	
ZZZ100-054+ZZZ100-50	Straight Hose Stud	Düz	Ø6x20 mm	
ZZZ100-056+ZZZ100-50	Elbow Hose Stud	Dirsek	Ø6X53 mm	
ZZZ100-057+ZZZ100-50	45° Hose Stud	Dirsek	Ø6X24 mm	
ZZZ100-058+ZZZ100-50			Ø6X35 mm	
Vidalı Başlık Hortumu H9*5		Gres ve Sıvı Yağ Yüksek Basınç Hortumu 600 Bar		



ZZZ100-053



ZZZ100-054

VIDALI BAŞLIKLAR

Kodu	Tipi	Kalınlığı	INTEC Dış Ölçüsü	Dış Ölçüsü
04.111.0	Straight Pipe	4 mm	1/8"	Ø6x20 mm - H8*4
04.112.0		6 mm		
04.112.0 Yerli				
04.112.2	Elbow Pipe	4 mm	1/8"	Ø4 H8*4
04.112.3		6 mm		Ø6 H8*4
04.120.2	Straight Female	-	1/8"	1/8 H8*4
04.120.3		-	1/4"	
04.120.6	Elbow Female	-	1/8"	
04.120.7		-	1/4"	
Vidalı Başlık Hortumu H8*4		Gres ve Sıvı Yağ Yüksek Basınç Hortumu 600 Bar		



Vidalı Başlık Sıkma Rekorları

* 2 parçadan oluşur sol dış olanı hortumun dışına sıkılır, sağ dış olanı içine sıkılır, çelik boru Ø4mm veya Ø6mm oluşur. Ø4mm veya Ø6mm borular üzerinde çift sekman kanalları vardır. ILC Otomatik fittinglerle kullanılabilir 250 bar.



PİSTONLU VOLUMETRIC ENJEKTÖRLER

- * Pompaya aç-kapa yaptırarak yağlama sağlanır. Sıvı Yağ (maks.1000cst) ve sıvı gres (Maks.NLGI00) için tasarlanmıştır.
- * Minimum 12 bar da çalışır. Sıvı yağ veya sıvı gres pompasının(PRD-CME-MPT-PRDG-CMEG-MPTG) ana hat basıncını düşüren tipte olması gerekir. Sıvı Yağ-Gres Pompasının çıkış basıncının minimum 20 bar olmasında fayda vardır.
- * Hattın uzunluğuna göre bu çıkış basıncı 80 bara kadar çıkabilir. (100mm³=0,1cc)

Kod	Tipi	cc (mm ³)	Diş Ölçüsü	Tanım
02.709.0.1.2.3.4	Dozajlama Enjektör	15-30-60-100-160 mm ³	M10*1	Nipel
02.710.0.1.2.3.4	Push-In Dozajlama Enjektör		M10*1- Ø4mm	Plast. Otomatik
02.709.5.6	Dozajlama Enjektör	200-300 mm ³	M10*1	Nipel
02.710.5.6	Push-In Dozajlama Enjektör		500-750-1000 mm ³	M10*1- Ø4mm
02.710.7.8.9				

AKIŞ YÖNÜ HER İKİ YÖNE DE OLABİLMEKTEDİR. M10 dan M10'a - Monifold çıkış veya yatak giriş

02.741.0.1.2.3.4	Dozajlama Enjektör	15-30-60-100-160 mm ³	R1/8"	Nipel
02.742.0.1.2.3.4	Push-In Dozajlama Enjektör		R1/8"- Ø4-6mm	Metal Otomatik
02.741.5.6	Dozajlama Enjektör	200-300 mm ³	R1/8	Nipel
02.742.5.6	Push-In Dozajlama Enjektör		R1/8"- Ø4-6mm	Metal Otomatik

AKIŞ YÖNÜ HER İKİ YÖNE DE OLABİLMEKTEDİR.1/8 den 1/8'e - Monifold çıkış veya yatak giriş

02.737.0.1.2.3.4	Dozajlama Enjektör	15-30-60-100-160 mm ³	R1/8" - R5/16	Nipel
02.738.0.1.2.3.4	Push-In Dozajlama Enjektör		R1/8"- Ø4-6mm	Metal Otomatik
02.737.5.6	Dozajlama Enjektör	200-300 mm ³	R1/8-R5/16	Nipel
02.738.5.6	Push-In Dozajlama Enjektör		R1/8"- Ø4-6mm	Metal Otomatik

AKIŞ YÖNÜ 1/8 den 5/16 ya - Monifold çıkış (1/8) veya yatak giriş (5/16)

02.739.0.1.2.3.4	Dozajlama Enjektör	15-30-60-100-160 mm ³	R1/8" - M8*1	Nipel
02.740.0.1.2.3.4	Push-In Dozajlama Enjektör		R1/8"- Ø4-6mm	Metal Otomatik
02.739.5.6	Dozajlama Enjektör	200-300 mm ³	R1/8-M8*1	Nipel
02.740.5.6	Push-In Dozajlama Enjektör		R1/8"- Ø4-6mm	Metal Otomatik

AKIŞ YÖNÜ 1/8 den M8*1 e - Monifold çıkış (1/8) veya yatak giriş (M8*1)

02.713.0.1.2.3.4	Dozajlama Enjektör	15-30-60-100-160 mm ³	M10*1(E) - M8*1(D)
02.713.5.6		200-300 mm ³	M10*1 (-E) - M8*1(D)

AKIŞ YÖNÜ M10*1(E) dan M8*1(D) e - Monifold çıkış

02.610.0.1.2.3.4	Dozajlama Enjektör	15-30-60-100-160 mm ³	M8*1(E) - M8*1(D)
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AKIŞ YÖNÜ M8*1(E) dan M8*1(D) e - Monifold çıkış

ENJEKTÖRLER İÇİN SIKMA SOMUN VE YÜKSÜKLERİ

Kod	Tipi	Diş Ölçüsü	Tanım
04.071.0	Female Fitting DPT Metering Valve D4	M10*1	PR08 Somun,yüksüğü anelli Te Ø4
04.072.0	Female Fitting DPT Metering Valve D6	M10*1	PR08 Somun,yüksüğü anelli Te Ø6
04.001.0	Female Fitting DPT Metering Valve D4 5/16" veya M8*1		(PR08,yüksüğü PB4)
06.002.0	PB4 YÜKSÜK OLIVE TUBE D4		Swivel
04.102.2	Erkek Metal Somun PA4		M8*1 Ø4
06.051.0	Anelli T Yüksük Seal Ring Tube D4 (Enjektör çıkışları)		
06.052.0	Anelli T Yüksük Seal Ring Tube D6 (Enjektör çıkışları)		

EMNİYET VALFLERİ & GRES FİLTRELERİ & VSG GRES SPRAY MIXER

EMNİYET VALFLERİ GRES ve SIVI YAĞ

5-80 bar ayarlanabilir emniyet valfi

M8*1 -M10*1 - 1/8" - 1/4" bağlantı dişleri

Bypass geri tanka vermesi için M6*1 dişi diş açılabilir

Hat tıkanıklık durumlarında Bypass görevi yapar.

A68.075007

GRES FİLTRELERİ

Hat tipi veya gres pompası dolum filtresi

çıkışı 1/4" Erkek, girişi 1/8" dişi diş veya gresörlüklü

Filtre iç takımı paslanmaz, temizlenebilir değiştirilebilir.

Çalışma maksimum basıncı 400 bar, 300 micron

07.270.0

1 -500 bar ayarlanabilir emniyet valfi

1/8" - 1/4"- 3/8"- 1/2" bağlantı dişleri

Bypass geri tanka vermesi için M8*1 dişi diş açılabilir

Hat tıkanıklık durumlarında Bypass görevi yapar

A68.075011



**GRES ve SIVI YAĞ
HAT TİPİ veya GRES POMPASI DOLUM FİLTRESİ**

Çıkışı ve girişi 1/4" veya 3/8" dişi diş

Filtre iç takımı paslanmaz çelik, temizlenebilir değiştirilebilir

Çalışma maksimum basıncı 500 bar, dolu çelik gövdeli.

Gres için 150 veya 300 micron seçenekli **07.261.0.1**

Sıvı Yağ için 25-40-60-125 micron seçenekli **07.260.0.1.2.3**



GRES SPRAYING NOZZLES (VSG Grease Spray Mixer)

Gres girişi 1/8" (içten çekvalfli) - Hava girişi 1/8"

10 cm mesafeden 8cm dairesel gres pulvarize yapabilir.

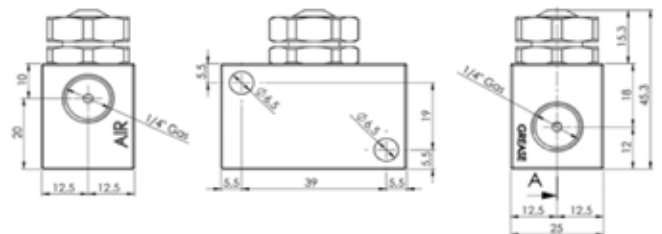
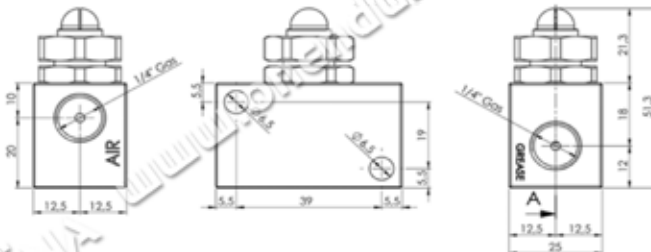
20 cm mesafeden 16cm dairesel gres pulvarize yapabilir.

10 cm mesafeden 10cm*4cm dikdörtgen gres pulvarize yapabilir.

20 cm mesafeden 18cm*5cm dikdörtgen gres pulvarize yapabilir.

Dairesel (Cone 14.200.0) Pulvarize Seçeneği

Dikdörgen (Blade 14.200.2) Pulvarize Seçeneği





The list of recommended lubricants when has to be used the ILC-MAX or PICO-MAX pumps for low temperature.

During the operation is demanded to use only clean lubricants. Using the lubricants with solid admixture or dust could be a cause of blocking of the lubricating system and can destroy bearings. The ILC SRL is not held liable for such damages due to using non quality lubricants. Below there is a list of recommended lubricants.

POS	MANUFACTURER	TYPE	NLGI CLASS	TEMPERATURE	SOAP
1	BP	ENERGREASE LC 2	NLGI - 2	-30° C	lithium-complex soap
2	BP	BIOGREASE LC 2	NLGI - 2	-30° C	lithium-complex soap
3	SHELL	GADUS S4 V454C	NLGI – 00/000	-40° C	lithium-complex soap
4	SHELL	GADUS V145KP	NLGI – 2	-35° C	lithium-complex soap
5	MOLIKOTE	TTF-52	NLGI – 1	-40° C	lithium-compelx soap
6	ARAL	ARALLUBE SKL 2	NLGI – 2	-40° C	lithium-compelx soap
7	ARAL	HLPF 2	NLGI – 2	-30° C	lithium-compelx soap
8	ADDINOL	LM2 EP	NLGI - 2	-40° C	lithium-complex soap
9	REHNUS	LKR 2	NLGI - 2	-30°C	lithium-compelx soap
10	CASTROL	LONGTIME PD1	NLGI – 1	-40° C	lithium-complex soap
11	CASTROL	LONGTIME PD2	NLGI – 2	-40° C	lithium-complex soap
12	MOBIL	Mobilith SHC 100	NLGI – 2	-40° C	lithium-complex soap
13	MOBIL	Mobilith SHC 221	NLGI – 1	-40° C	lithium-complex soap
14	IKV	IKV-PLEX L-2/S	NLGI – 2	-40° C	lithium-complex soap
15	KLUBER	ISOFLEX PDL 300A	NLGI – 1	-40° C	lithium-complex soap
16	CHEVRON TEXACO	Ulti-Plex® Grease EP	NLGI – 1	-40° C	lithium-complex soap
17	FUCHS	RENOCAL FN 745-94	NLGI – 1	-40° C	lithium-complex soap
18	FUCHS	PLANTOGEL S 000	NLGI – 00/000	-40° C	lithium-complex soap
19	FUCHS	PLANTOGEL S 1	NLGI – 1	-40° C	lithium-complex soap
20	FUCHS	PLANTOGEL S 2	NLGI – 2	-35° C	lithium-complex soap
21	FUCHS	RENOLIT HLT2	NLGI – 2	-40°C	lithium-complex soap
22	FUCHS	RENOLIT LZR 2H	NLGI – 2	-30°C	lithium-complex soap
23	FUCHS	RENOLIT HI TEMP 100	NLGI – 2	-45°C	lithium-complex soap

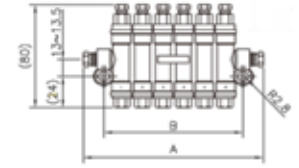
The ILC srl Informs that iLC progressive lubricating systems are adapted to work with grease that has NLGI-2 class and very popular at machine-operators for greasing with handle pump.

Operation procedure for machine-operator during an operation and a storage of a harvester at low temperatures.

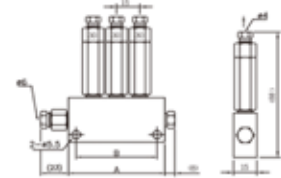
The using of grease in ILC's automatic progressive lubrication system allows to normal work from temperature -13°C and high without any special service. If a harvester will work or storage at ambient temperature lower the -13°C is needed in July month to fill the tank of ILC-MAX or PICO MAX by suitable grease for working at low temperature. This allows to push out the summer grease from pumps, dividers, pipes before arriving of low temperature season.

During winter storage is needed to do 1-2 extra lubrication cycles every month.

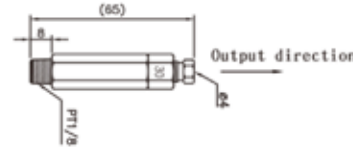
DT SERİ DOZAJLI DAĞITICILAR					
Model	No. of output bores	A	B	Out. Volume (cc/stroke)	Weight (g)
DT-200	2	75	39 - 43	0.10, 0.16 0.20, 0.30 0.40, 0.50	168
DT-300	3	90	54 - 58		232
DT-400	4	105	69 - 73		299
DT-500	5	120	84 - 88		359
DT-600	6	135	99-103		426



DX SERİ BLOK DOZAJLI DAĞITICILAR					
Model	No. of output bores	A	B	Out. Volume (cc/stroke)	Weight (g)
DX-0100	1	32	22	0.02	118
DX-0200	2	47	37	0.06	157
DX-0300	3	62	52	0.10	209
DX-0400	4	77	67	0.16	281
DX-0500	5	92	82	0.20	318
DX-0600	6	107	97	0.30	403
DX-0700	7	122	112	0.40	462
DX-0800	8	137	127	0.50	521
DX-0900	9	152	142		583



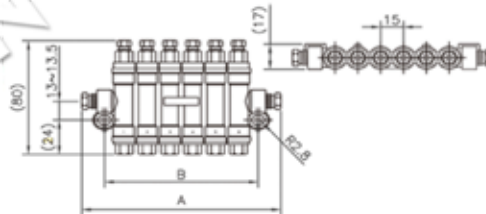
DX SERİ TEKLİ DOZAJLI DAĞITICILAR			
Model	No. of output bores	Out. Volume (cc/stroke)	Weight (g)
DX-000-02	02	0.02	45.5
DX-000-06	06	0.06	
DX-000-10	10	0.10	
DX-000-16	16	0.16	
DX-000-20	20	0.20	
DX-000-30	30	0.30	
DX-000-40	40	0.40	
DX-000-50	50	0.50	



DFA OIL PISTON DISTRIBUTOR				
Model	No. of output bores	A	B	Out. Volume (cc/stroke)
DFA12	2	76	34	0.03, 0.06 0.10, 0.16
DFA13	3	93	17	
DFA14	4	96	34	
DFA15	5	110	51	
DFA16	6	127	68	



DG SERİ GREASE DISTRIBUTOR				
Model	Number of Outlet	A	B	Output Vol. (cc/stroke)
DG-200	2	75	39 - 43	0.30 0.40 0.50
DG-300	3	90	54 - 58	
DG-400	4	105	69 - 73	
DG-500	5	120	84 - 88	
DG-600	6	135	99-103	



DQ SERİ COMPACT DOZAJLI DAĞITICILAR		
Model	Number of Outlet	Output Vol. (cc/stroke)
DQ-100	1	0.10, 0.20, 0.30 0.40, 0.50
DQ-200	2	
DQ-300	3	
DQ-400	4	
DQ-500	5	
DQ-600	6	
DQ-700	7	
DQ-800	8	
DQ-900	9	
DQ-1000	10	
DQ-1100	11	
DQ-1200	12	



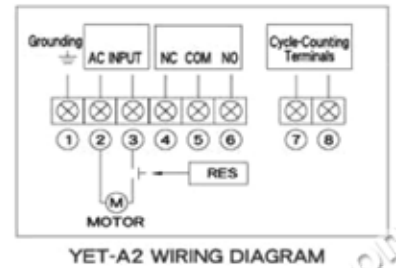
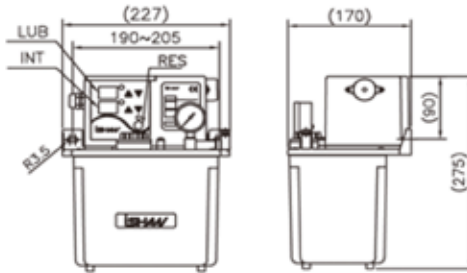
DQ-1000

YET-A MICROCOMPUTER LUBRICATOR

Model	YET-A1				YET-A1P1			
System	Resistance				Resistance			
Distributor	DB or DE or DV-series				DB or DE or DV-series			
Voltage (Single Phase)	110V or 220V				110V or 220V			
Consumption Power (W)	100				100			
Output Power (W)	11				11			
Capacity of Terminal Output (A)	3				3			
Lubrication Time (second/minute)	1-999				1-999			
Intermittent Time (second/minute/hour/cycle)	1-999				1-999			
Output Bore	Ø4 or Ø6				Ø4 or Ø6			
Max. Output Pressure Mpa (kgf/cm ²)	0.7 (7)				0.7 (7)			
Output Volume (cc/min)	200				200			
Pressure Release Device	X				X			
Float Switch	0				0			
Pressure Switch (kgf/cm ²)	X				2.5-1.9			
Pressure Gauge	0				0			
Alarm Beeper	0				0			
Tank Capacity (LT)	2L	3L	4L	4L(Metal)	2L	3L	4L	4L(Metal)



YET-A2 3LT PLAST. TANK

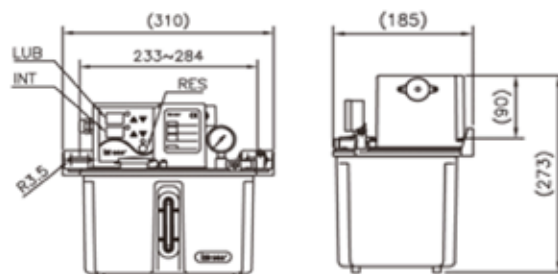


YET-A MICROCOMPUTER LUBRICATOR

Model	YET-A2				YET-A2P2			
System	Piston				Piston			
Distributor	DT-series DX-series				DT-series DX-series			
Voltage (Single Phase)	110V or 220V				110V or 220V			
Consumption Power (W)	100				100			
Output Power (W)	11				11			
Capacity of Terminal Output (A)	3				3			
Lubrication Time (second/minute)	1-999				1-999			
Intermittent Time (second/minute/hour/cycle)	1-999				1-999			
Output Bore	Ø4 or Ø6				Ø4 or Ø6			
Max. Output Pressure Mpa (kgf/cm ²)	1.5 (15)				1.5 (15)			
Output Volume (cc/min)	150				150			
Pressure Release Device	0				0			
Float Switch	0				0			
Pressure Switch (kgf/cm ²)	X				12-9			
Pressure Gauge	0				0			
Alarm Beeper	0				0			
Tank Capacity (LT)	2L	3L	4L	4L(Metal)	2L	3L	4L	4L(Metal)



YET-A2 4 LT METAL TANK

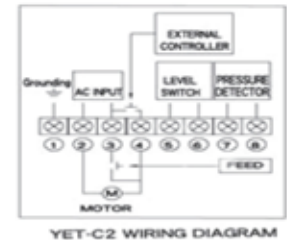
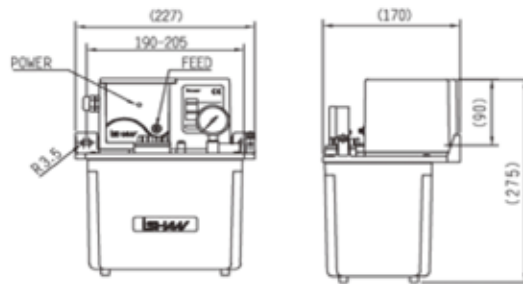


YET-C AUTOMATIC LUBRICATOR

Model	YET-C1				YET-C1P1			
System	Resistance				Resistance			
Distributor	DB or DE or DV-series				DB or DE or DV-series			
Voltage (Single Phase)	110V or 220V				110V or 220V			
Consumption Power (W)	80				80			
Output Power (W)	8				8			
Capacity of Terminal Output (A)	0.3 (Float Switch)				0.3 (Float Switch)			
	3 (Pressure Switch)				3 (Pressure Switch)			
Lubrication Time	Cooperate with PLC control system				Cooperate with PLC control system			
Intermittent Time								
Output Bore	Ø4 or Ø6				Ø4 or Ø6			
Max. Output Pressure Mpa (kgf/cm ²)	0.6 (6)				0.6 (6)			
Output Volume (cc/min)	200				200			
Pressure Release Device	X				O			
Float Switch	O (NC)				O (NC)			
Pressure Switch (kgf/cm ²)	X				O			
Pressure Gauge	O				O			
Alarm Beeper	X				X			
Tank Capacity (LT)	2L	3L	4L	4L(Metal)	2L	3L	4L	4L(Metal)



YET-C1 3LT PLAST. TANK

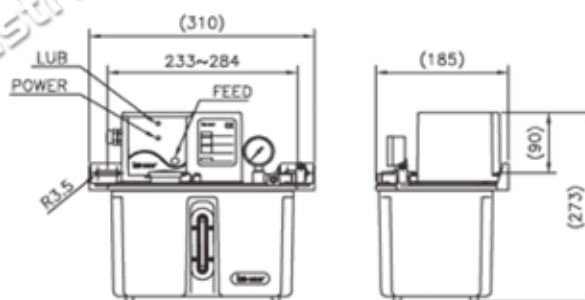


YET-C AUTOMATIC LUBRICATOR

Model	YET-C2				YET-C2P2			
System	Piston				Piston			
Distributor	DT-series DX-series				DT-series DX-series			
Voltage (Single Phase)	110V or 220V				110V or 220V			
Consumption Power (W)	100				100			
Output Power (W)	11				11			
Capacity of Terminal Output (A)	0.3 (Float Switch)				0.3 (Float Switch)			
	3 (Pressure Switch)				3 (Pressure Switch)			
Lubrication Time	Cooperate with PLC control system				Cooperate with PLC control system			
Intermittent Time								
Output Bore	Ø4 or Ø6				Ø4 or Ø6			
Max. Output Pressure Mpa (kgf/cm ²)	1.5 (15)				1.5 (15)			
Output Volume (cc/min)	150				150			
Pressure Release Device	O				O			
Float Switch	O (NC)				O (NC)			
Pressure Switch (kgf/cm ²)	X				12-9			
Pressure Gauge	O				O			
Alarm Beeper	X				X			
Tank Capacity (LT)	2L	3L	4L	4L(Metal)	2L	3L	4L	4L(Metal)

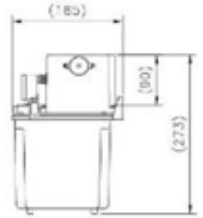
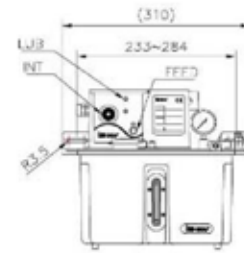
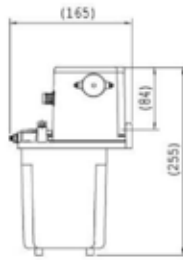
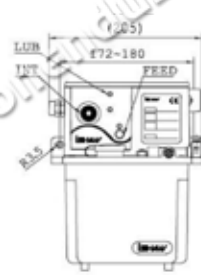


YET-C2 4LT METAL TANK



YET-E & YET-N AUTOMATIC LUBRICATOR

Model	YET-E (Act. 10sec.)			YET-N (Act. 10sec.)		
System	Resistance			Resistance		
Voltage (single phase)	110V or 220V			110V or 220V		
Power	80W			80W		
Capacity of output	3A			3A		
Lubricating time (Second)	Act. 10 sec.			Act. 10 sec.		
Intermittent time (minute)	0-60			0-60		
Output bore	Ø4 or Ø6			Ø4 or Ø6		
Max. Output press. Mpa(kgf/cm ²)	0.7 (7)			0.7 (7)		
Output volume (cc/min)	6 (Standart) 15 (optional)			6 or 15 optional		
Float switch	O			O		
Pressure gauge	X	O		X	O	
Alarm beeper	X			Alarm Beeper		
Reservoir capacity	2L	3L	4L(Metal)	2L	3L	4L(Metal)

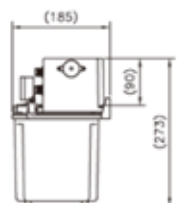
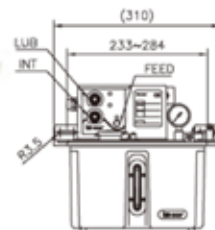
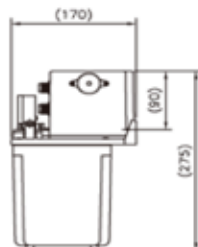
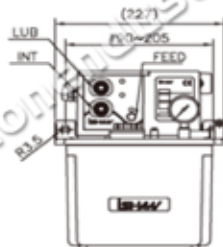


YET-N-2LT PLAST. TANK

YET-N-4LT ALUM. TANK

YET-R AUTOMATIC LUBRICATOR

Model	YET-R2				YET-R1			
System	Piston				Resistance			
Distributor	DT-series DX-series				DB or DE or DV-series			
Voltage (Single Phase)	110V or 220V				110V or 220V			
Consumption Power (W)	100				80			
Output Power (W)	11				8			
Capacity of Terminal Output (A)	3				3			
Lubrication Time (second/minute)								
Intermittent Time (second/minute/hour/cycle)	1-180				1-180			
Output Bore	Ø4 or Ø6				Ø4 or Ø6			
Max. Output Pressure Mpa (kgf/cm ²)	1.5 (15)				0.5 (5)			
Output Volume (cc/min)	150				200			
Pressure Release Device	O				X			
Float Switch	O				O			
Pressure Switch (kgf/cm ²)	X				X			
Pressure Gauge	O				O			
Alarm Beeper	O				O			
Tank Capacity (LT)	2L	3L	4L	4L(Metal)	2L	3L	4L	4L(Metal)




YET-R1 2LT. PLAST. TANK

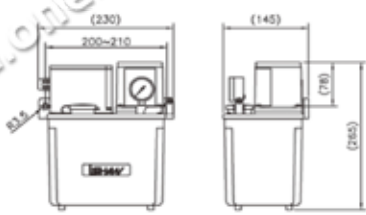
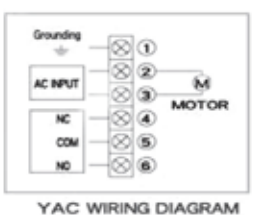
YET-R2 4LT. METAL TANK

YAC - YAJ AUTOMATIC PISTON & RESIST LUB.


Model	YAJ			YAC		
System	Piston			Resistance		
Distributor	DT- series or DX-series			DB or DE or DV- series		
Voltage (single phase)	110V or 220V					
Consumption Power (W)	56					
Output Power	25					
Capacity of Terminal Output (A)	0.5A 240 VAC / 200 VDC (Float Switch)					
Lubricating time (second/minute)	Cooperate with PLC control system					
Intermittent time (hour/ cycle)	Cooperate with PLC control system					
Output bore	Ø4 or Ø6					
Max. Output pressure (kgf/cm ²)	2 (20)			1 (10)		
Output volume (cc/min.)	150			250 (Standard) 400 (Option)		
Pressure release device	O			X		
Pressure switch (kgf/cm ²)	X (Optional)					
Pressure gauge	O			O		
Float switch	O			O		
Alarm beeper	X			X		
Tank capacity (L)	3L	4L	8L (Metal Tank)	3L	4L	4L (Metal Tank)



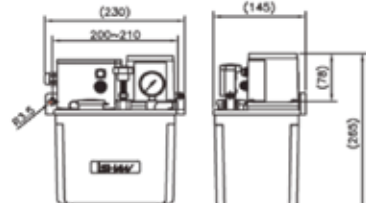
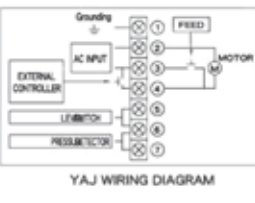
YAC


YAC WIRING DIAGRAM



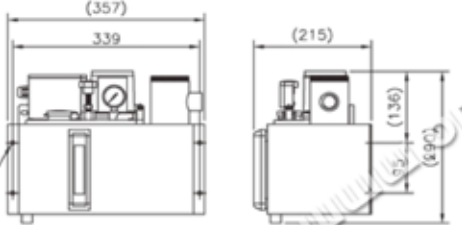
YAJ

YAJ WIRING DIAGRAM




YAC

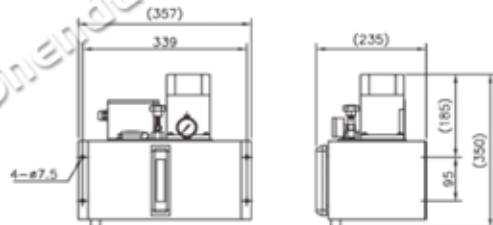
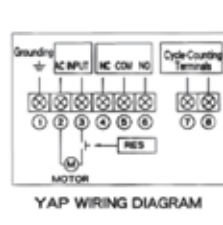


YAP & YAH (90W) AUTOMATIC RESISTANCE LUBRICATOR


Model	YAP (DIGITAL TIMER)	YAH (DIRECT-PLC)
System	Resistance	Resistance
Distributor	DB or DE or DV- series	
Voltage (single phase)	110V or 220V	110V or 220V
Power (W)	164	164
Output Power	90	90
Capacity of output	3	0.3A (Float switch) 3A (Pressure switch)
Lubricating time (Yağlama zamanı)	1-999	Cooperate with PLC control system
Intermittent time (Bekleme zamanı)	Cooperate with PLC control system	Cooperate with PLC control system
Output bore	Ø4 or Ø6	Ø4 or Ø6
Max. Output pressure MPA (kgf/cm ²)	3 (30)	3 (30)
Output volume (cc/min.)	600	600
Float switch	O	O
Pressure release device	X (Option)	X (Option)
Pressure switch (kgf/cm ²)	X (Option)	X (Option)
Pressure gauge	O	O
Alarm beeper	O	X
Tank capacity LT	8L (Metal Tank)	8L (Metal Tank)



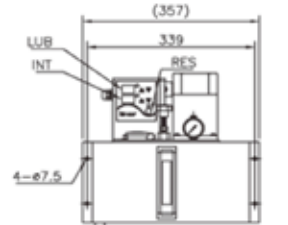
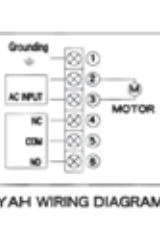
YAP

YAP WIRING DIAGRAM



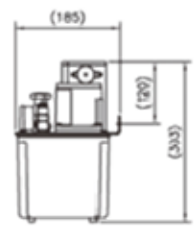
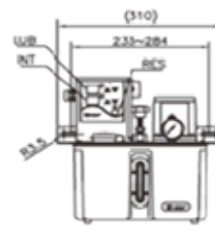
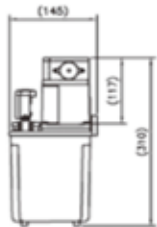
YAH

YAH WIRING DIAGRAM

YAK / YAE AUTOMATIC PISTON & RESIST LUB.

Model	YAK				YAE		
System	Piston				Resistance		
Distributor	DT-series DX-series				DB or DE or DV-series		
Voltage (Single Phase)	110V or 220V				110V or 220V		
Consumption Power (W)	56				56		
Output Power (W)	25				25		
Capacity of Terminal Output (A)	DC/AC 250V 3A				DC/AC 250V 3A		
Lubrication Time (second/minute)							
Intermittent Time (second/minute/hour/cycle)	1-999				1-999		
Output Bore	Ø4 or Ø6				Ø4 or Ø6		
Max. Output Pressure Mpa (kgf/cm ²)	2(20)				1(10)		
Output Volume (cc/min)	150 (Standart)				150 (Standart), 250 (Option) or 400 (Option)		
Float Switch	0				0		
Pressure Switch (kgf/cm ²)	X (Option)				X (Option)		
Pressure Gauge	0				0		
Alarm Beeper	0				0		
Tank Capacity (LT)	3L	4L	4L(Metal)	8L(Metal)	3L	4L	4L(Metal)



YMK-8 PRESS TYPE LUBRICATOR

Model	Output Volume	Max. Disc.	Hand-Pull Type	Export Direction	Fuel Tank capacity (cc)	Weight (g)
YMK-8R04	3-5 (adj.)	4	Right hand	Ø4	800	0.83
YMK-8R06			Left hand	Ø6		
YMK-8L04			Right hand	Ø4		
YMK-8L06			Left hand	Ø6		



YESA-YESB AUTOMATIC MANUAL (KAMLI) LUB.

Model	YESA	YESB
System	Resistance	
Intermittent time (min.)	3/5/10/15/30/60	
Voltage (Single Phase)	110V or 220V	
Consumption Power (W)	5	
Capacity of Terminal Output		0.5A 100 Vac (Float switch)
Output Bore	Ø4 or Ø6	
Float switch	-	0
Dischrg Pressure Mpa (kgf/cm ²)	0.3 (3)	
Output Volume (cc/cy)	3-6	
Tank Capacity (L)	2	
Weight (kg)	1.5	



YESA

YESB

YML ROCK TYPE OILER - YMT PULL TYPE OILER

Model	YMT-8	YML-8
Output Volume (cc/cy)	8	8
Max.output press.(kgf/cm ²)	1.5 (15)	1.5 (15)
Tank Capacity (cc)	600	600
Effective capacity (cc)	550	450
Output bore	Ø4	Ø4 or Ø6
Direction of bore	up or down	left or right
LxWxH	*	120*150*200
PxK	*	100*110
Weight (kg)	0.9	1.4



Left Right
YMT-8



YML-8

YESB Yedek Synchronous Motor
4 rpm, 6,5 rpm, 9 rpm

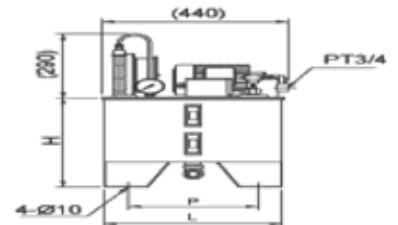
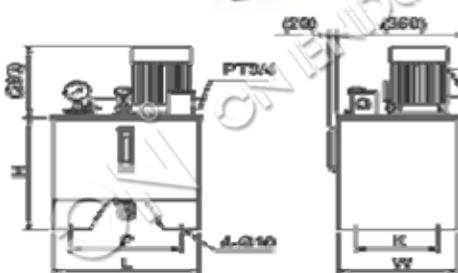
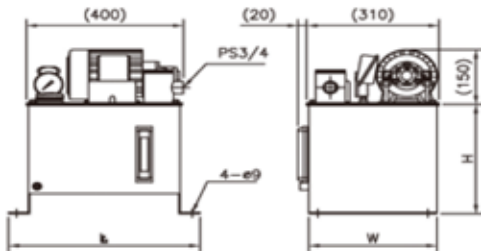


FORCED CYCLE LUBRICATOR SYSTEMS

YLS Tank Dolum	LxWxH	P	K	YLB Tank Dım	LxWxH
30L	410x335x400	300	225	20L	444x297x298
40L	560x410x400	455	300	30L	410x335x400
60L	600x390x400s	440	250	40L	56x410x40
80L	610x420x460	450	250	60L	600x390x400
100L	760x460x500	550	225	80L	610x420x460

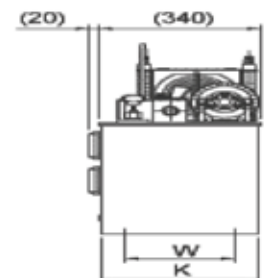
FORCED CYCLE LUBRICATION

Model	YLB (Horizontal)					YLS (Vertical)					YLD	
Voltage (Three Phase)	220V/380Vor 220V/440V					220V/380Vor 220V/440V					220V/380Vor 220V/440V	
Power (HP)	1/4					1/2					1/4	
Capacity of Terminal Output	0.5A 20Vac/ 200Vdc(Float Switch)					0.3 (Float Switch) 3 (Pressure Switch)					0.3 (Float Switch) 3 (Pressure Switch)	
Pole	4					4					4	
Current Frequency (Hz)	50/60					50/60					50/60	
Max. Output Pressure MPa (kgf/cm ²)	0.5(5)					1.5 (15)					0.5(5)	
Output Volume (L/min) at Ø10	2.7(TOP-11A)/ 4.0(TOP-12A)/ 5.2(TOP-13A)					0.9 or 2.4					2.3(TOP-11A)/ 3.4(TOP-12A)/ 4.0(TOP-13A)	
Float Switch	O					O					O	
Pressure Switch (kgf/cm ²)	X(Option)					O					O	
Pressure Gauge	O					O					O	
Output Bore	Ø6 or Ø8 or Ø10					Ø6 or Ø8 or Ø10					Ø6 or Ø8 or Ø10	
Alarm Beeper	X					X					X	
Tank Capacity(L)	20L	30L	40L	60L	80L	30L	40L	60L	80L	100L	30L	40L



YLC COOLING CYCLE LUBRICATION SYSTEM

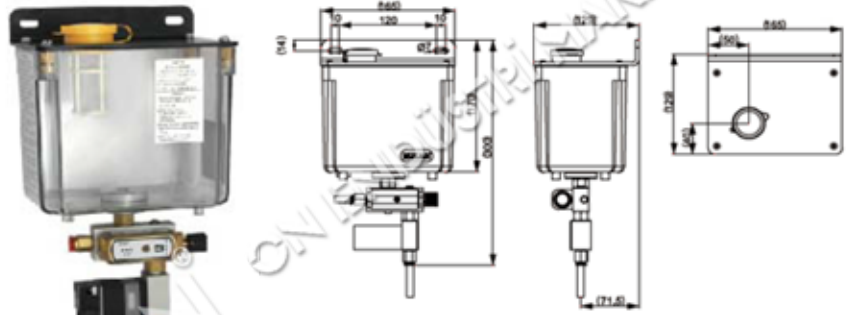
Model	YLC-60lt./min. Üst
Voltage (Optinal)	110V/220V (1 Phase) 220V/380V (3 Phase) 220V/440V (3 Phase)
Max. Out. Pres. MPa (kgf/cm ²)	0.5(5)
Output Volume (L/min)	2.7 lt & 4.5 lt & 6.3 lt.
Water Input Volume (L/min)	50 & 100
Output Bore	PT 3/4



YLC 60LT ÜST GRUP (Soğutucu + Motor/Pompa + Filtre)

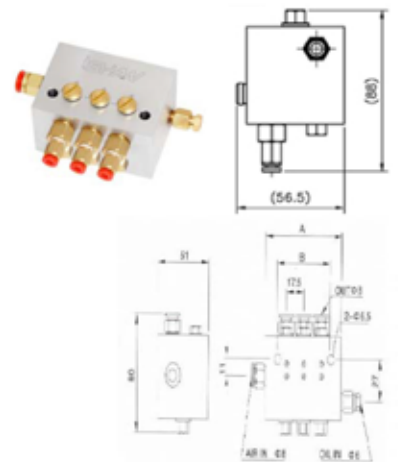
SPRAY MIST LUBRICATOR

MODEL	SSP-MT1-2L
Input Air Pressure Range	3.0 ~ 8.0 kgf/cm ²
Output Volume Range	0.003 ~ 0.03 c.c./cy
Output Volume Adjust Step	53 steps
Increment Steps	0.0005 c.c.
Air Filter Needed	Level of 0.3μ (liquid and oil separation)
Timer Adj. Range	5.0 ~ 20.0 Sec.
Tank Capacity	2.0 Liter
Numbers of Output Bores	1~3
Recommended Viscosity Range	32 cSt



SD SPRAY MIST DISTRIBUTOR (Air-Oil)

Model	Outlet	A	B	Output Vol. (cc/stroke)
SD-1	1	41.2	23.2	0.1 0.6 0.2 0.3
SD-2	2	58.7	40.7	
SD-3	3	76.2	58.2	
SD-4	4	93.7	75.7	
SD-5	5	111.2	93.2	

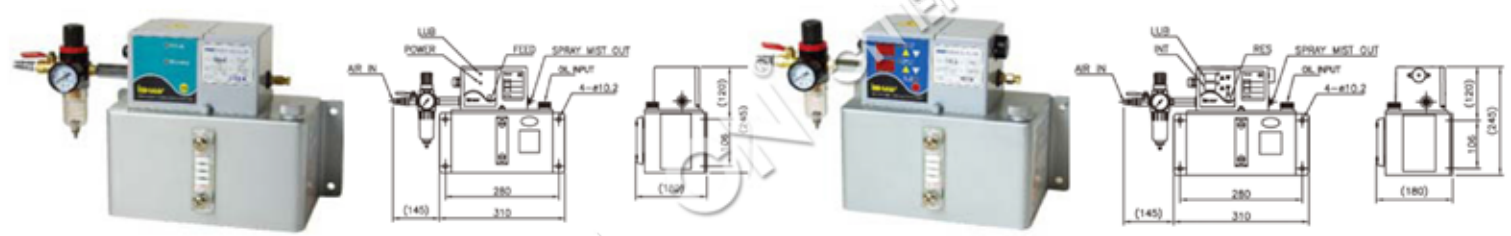


YSM-C AUTOMATIC SPRAY MIST LUBRICATOR

Type	YSM-C
Lubrication Time(0,1sec)	Cooperate with PLC
Inter. Time(sec./mon./cy)	Control System
Voltage (Single Phase)	110 V or 220 V
Capacity of Terminal Output (A)	3 (Float Switch)
Output Bore	∅6
Air Pressure Range Mpa(kgf/cm²)	0.3 - 0.5 (3-5)
Spray Particle Size	4-10um
Alarm Beeper	X
Float Switch	O (NC)
Tank Capacity (L)	4lt.Alum.Tank
Weight (kg)	10.1

YSM-A MICROCOMPUTER SPRAY MIST LUBRICATOR

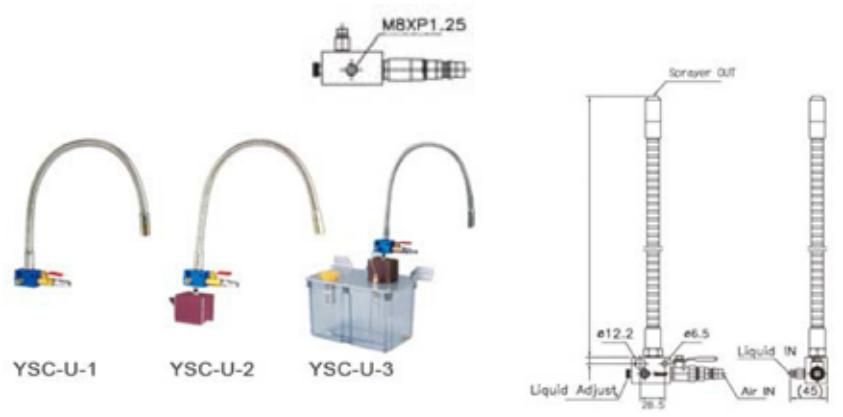
Type	YSM-A
Lubrication Time(0,1sec)	1-999
Inter. Time(sec./mon./cy)	1-999
Voltage (Single Phase)	110 V or 220 V
Capacity of Terminal Output (A)	DC/AC 250V 3A
Output Bore	∅6
Air Pressure Range Mpa(kgf/cm²)	0.3 - 0.5 (3-5)
Spray Particle Size	4-10um
Alarm Beeper	○
Float Switch	O
Tank Capacity (L)	4lt.Alum.Tank
Weight (kg)	10.1



YSC-U OIL MIST NOZZLE

Liquid	Consumption cc/min
Water	16
Oil (R32)	7

- * Based on the max. Output pres. 0,4 Mpa (4 kgf/cm²)
- * Compressed air pres. 0,25 Mpa (2,5 kgf/cm²)
- * Viscosity 0~68 cSt.



YSD PISTON RATIONING SPRAY MIST LUBRICATOR

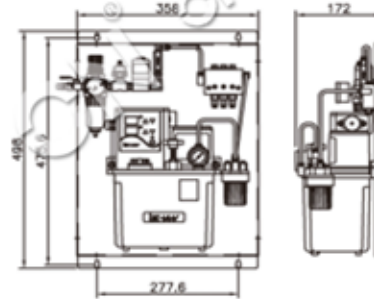
Model	Lubrication Time	Intermittent Time	Voltage (Single Phase)	Tank Capacity(L)	Output Vol. (cc/min)	Number of Outlet
YSD-AN	1-999 (sec./min.)	1-999 (seccound/minute/ hour/cycle)	110V or 220V	3	0.1 or 0.16 0.2 or 0.3	1-5(Ø4)
YSD-CN	cooperate with PLC control system					



YSD-AN



YSD-CN



YSV CONTINUOUS REGULATING SPRAY MIST LUBRICATOR

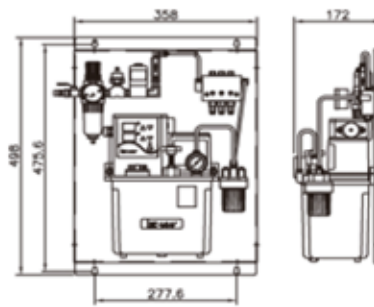
Model	Lubrication Time	Intermittent Time	Voltage (Single Phase)	Tank Capacity(L)	Output Vol. (cc/min)	Number of Outlet
YSV-AN	1-999 (sec./min.)	1-999 (seccound/minute/ hour/cycle)	110V or 220V	3	50	2-5(Ø4)
YSV-CN	cooperate with PLC control system					



YSV-AN



YSV-CN



YGL-T YGL-S MANUAL GREASE LUBRICATOR

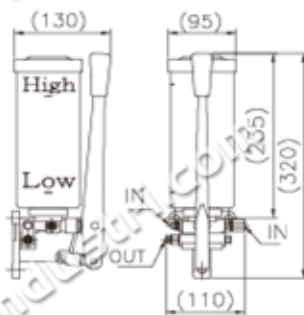
Model	YGL-T (Resistance Lubricator)			YGL-S (Piston Lubricator)			
	Max. Output Pressure Mpa (kgf/cm ²)	10(100)			10(100)		
Output Volume (c.c/cycle)	2			2			
Output Bore	Ø6			Ø6			
Weight (kg)	1.9	2.2	1.4 (Catridge not included)	1.9	2.2	1.4 (Catridge not included)	
Cup Capacity (cc)	800(oil)	800	1200	400(Tube Lub.)	800	1200	400(Tube Lub.)



YGL-T



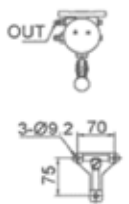
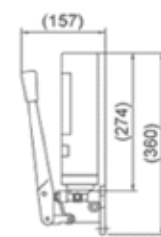
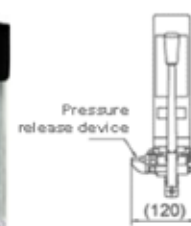
YGL-S



YGL-T04 (Tube Type)



YGL-S04 (Tube Type)



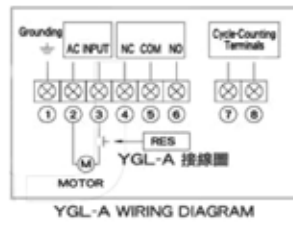
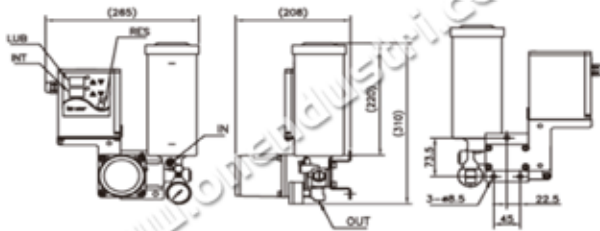
YGL-T with spring

Tanim

- YGL-T08 800 cc. Cup **with spring** Resistance Lub.
- YGL-S08 800 cc. Cup **with spring** Piston Lub.
- YGL-T120 1200 cc. Cup **with spring** Resistance Lub.
- YGL-S120 1200 cc. Cup **with spring** Piston Lub.

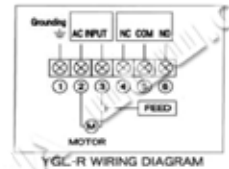
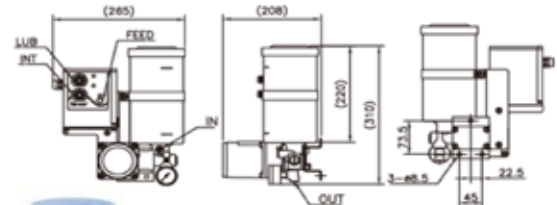
YGL-A TYPE MICROCOMPUTER GREASE LUB.

Model	YGL-A08, YGL-A120, YGL-A200					
Voltage (single phase)	110V or 220V			DC24V		
Consumption Power (W)	56			75		
Output Power (W)	25			28		
Capacity of Terminal Output	DC/AC 250V 3A			DC/AC 250V 3A		
Lubrication Time (second)	1-999			1-999		
Intermittent Time (minute/hour/cycle)	1-999			1-999		
Output Bore	PT1/4			PT1/4		
Max. Output Pressure Mpa (kgf/cm ²)	8-10(80-100)			8-10(80-100)		
Output volume (c.c/min)	Above 13			Above 13		
Pressure Gauge	0			0		
Cup Capacity (cc)	800	1200	2000	800	1200	2000



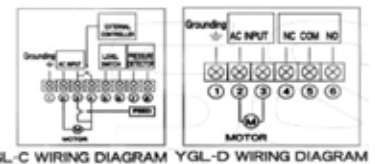
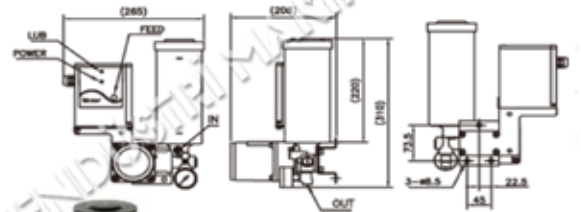
YGL-R TYPE MICROCOMPUTER GREASE LUB.

Model	YGL-R08, YGL-R120, YGL-R200		
Voltage (single phase)	110V & 220V		
Consumption Power (W)	56		
Output Power (W)	25		
Capacity of Terminal Output	DC/AC 250V 3A		
Lubrication Time (second)	1-180		
Intermittent Time (minute)	0.5-180		
Output Bore	PT1/4		
Max. Output Pressure Mpa (kgf/cm ²)	8-10(80-100)		
Output volume (c.c/min)	13 up		
Pressure Gauge	0		
Cup Capacity (cc)	800	1200	2000



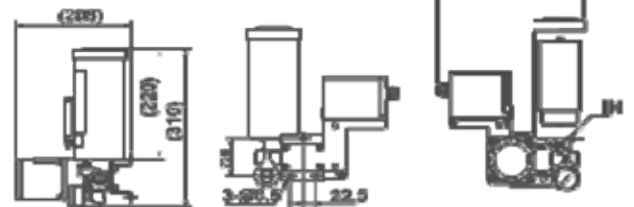
YGL-C TYPE MICROCOMPUTER GREASE LUB.

Model	YGL-C08, YGL-C120, YGL-C200		
Voltage (single phase)	110V & 220V		
Consumption Power (W)	56		
Power (W)	25		
Lubrication Time (second)	Cooperate with PLC control system		
Intermittent Time (minute)	control system		
Output Bore	PT1/4		
Max. Output Pressure Mpa (kgf/cm ²)	8-10(80-100)		
Output volume (c.c/min)	13 up		
Pressure Gauge	0		
Cup Capacity (cc)	800	1200	2000

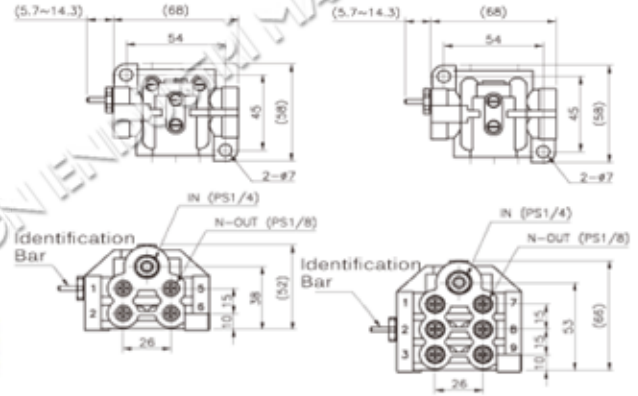
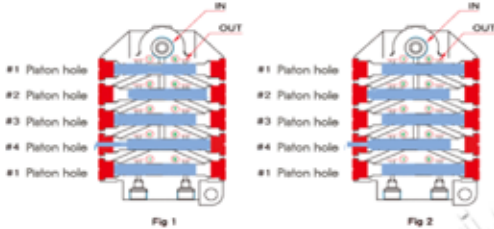


YGL-D TYPE MICROCOMPUTER GREASE LUB.

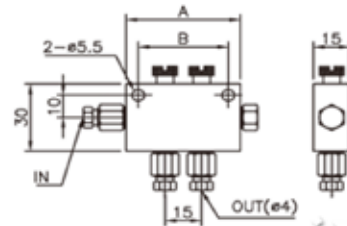
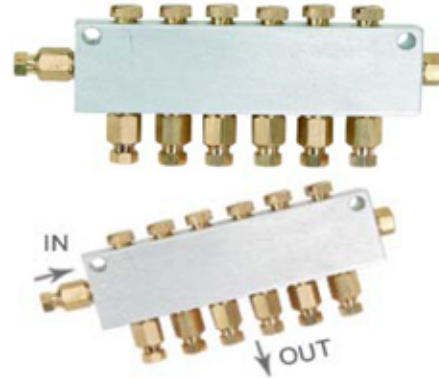
Model	YGL-D08, YGL-D120, YGL-D200		
Voltage (single phase)	DC24V		
Consumption Power (W)	75		
Power (W)	28		
Lubrication Time (second)	Cooperate with PLC control system		
Intermittent Time	control system		
Output Bore	PT1/4		
Max. Output Pressure Mpa (kgf/cm ²)	8-10(80-100)		
Output volume (c.c/min)	Above 13		
Pressure Gauge	0		
Cup Capacity (cc)	800	1200	2000



DU SERI GREASE DISTRIBUTOR				
Model	Outlet	A	B	Weight (g)
DU-4T	4	0.33	15(150)	350
DU-6T	6			350
DU-8T	8			320
DU-10T	10			440
DU-12T	12			440



DV SERIES OIL REGULATING DIST. SYSTEM					
Model	Inlet Bore	Outlet	A	B	Weight(g)
DV024	Ø4	2	47	37	101
DV026	Ø6				
DV034	Ø4	3	62	5	131
DV036	Ø6				
DV044	Ø4	4	77	67	165
DV046	Ø6				
DV054	Ø4	5	92	82	194
DV056	Ø6				
DV064	Ø4	6	107	97	228
DV066	Ø6				
DV074	Ø4	7	122	112	255
DV076	Ø6				
DV084	Ø4	8	137	127	290
DV086	Ø6				
DV094	Ø4	9	152	142	321
DV096	Ø6				
DV104	Ø4	10	167	157	355
DV106	Ø6				



*Option of the Ø6 outlet is available.

GREASE NOZZLE	
Model	Specification
440067	M8*45°
440057	M8*90°
440047	M8*180° (str-düz)
440026	PT1/8" *45°
440027	PT1/8" *90°
440000	PT1/8" *180° (str-düz)
440044	M10*45°
440045	M10*90°
440046	M*180° (str-düz)
440029	PT1/4" *45°
440030	PT1/4" *90°
440023	PT1/4" *180° (str-düz)



PRESSURE SWITCH	
Model	Specification (kgf/cm ²)
321660	12 - 9 / ON-OFF



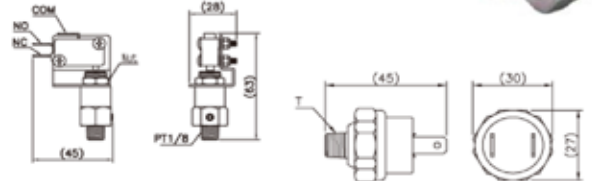
FLOAT SWITCH-SEVIYE SWITCH		
Model	Apply For	Note
321003-000	YET-A,R,E,N	(NO)
321002-011	YET-C	(NC)
321002-012	YAJ,YAC(3L,4L,6L,8L)	(NC)
321002-013	YAK,YAE(3L,4L,6L,8L)	(NO)



FILM PRESSURE SWITCH			
Model	Specification		T
	ON	OFF	
321606	2.1 kg ↑	-	UNF 3/8"-24
321607	3.5 kg ↑	-	NPT1/8"
321609	-	2.1 kg ↑	UNF 3/8"-24
321610	9 kg ↓	11 kg ↑	NPT 1/8"
321611	11 kg ↑	9 kg ↓	NPT 1/8"

↑ : upward ↓ : downward

P.S . 1. Use rated current 3.5 A and below
2. Max. Bome pressure is 50 kgf/cm²

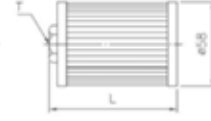


TRANSTIONAL 2 WAYS OIL FILTER (HAT TIPI 2 YOLLU TEMİZLİK FİLTRESİ)	
Model	Specification
GPJ06-1	M10-M10



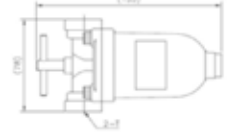
OIL FILTER

Model	T	L	Filter Precision (μ)
PF25806	PT1/4"	60	196
PF25808		80	
PF25810		100	
PF35806	PT3/8"	60	
PF35808		80	
PF35810		100	



ADJUSTABLE OIL FILTER

Model	Inlet/Outlet Thread	Filter Precision (μ)	Max. Output Volume (L/min)	Max. Pressure
PR-C1	PS 1/4xPS 1/4	60	20L/min	15 kgf/cm ²
PR-C2	PS 3/8xPS 3/8		30L/min	
PR-C3	PS 1/2xPS 1/2			



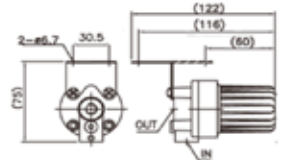
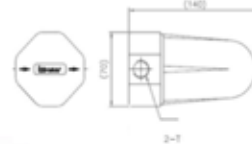
FL OIL FILTER

Model	Max. Operation Pressure (kgf/cm ²)	Filter Precision (μ)	Max. Output Volume (L/min)	In x Out
FL-010025	25	10	2,5	PS1/8xPS1/8
FL-025030		25	3	PS1/4xPS1/4
FL-125035		125	3,5	



DOUBLE - SIDED OIL FILTER

Model	T	Filter Precision (μ)
PR0202	PS 1/4xPS 1/4	196
PR0303	PS 3/8xPS 3/8	



INLET FILTER-DOLUM FİLTRESİ

Model	Apply For	Note
153013	2L Oil Tank	40 μ
153000	3L-8L Oil Tank	



SCEA26 (Pres.Relief Valve for YET)



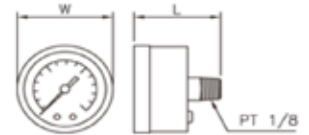
OIL TANK (YEDEK YAĞ TANKI)

Model	Tank capacity	W (Geniş.)	L (Uzun.)	H (Yük.)
156001-SE	2L	112	162	145
156002-SE	3L	131	195	163
Model	Tank capacity	W (Geniş.)	L (Uzun.)	H (Yük.)
156145-001-SE	4L metal	141	230	163
Model	Tank capacity	W (Geniş.)	L (Uzun.)	H (Yük.)
156016-SE	6L metal	212	328	170
156013-SE	8L metal	227	357	188



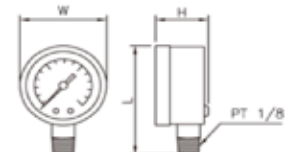
HORIZONTAL PRESSURE GAUGE (Arka Çıkış - Kuru)

Model	Specification (kgf/cm ²)	W	L
327006	15	42	38
327007	35		



VERTICAL PRESSURE GAUGE PT 1/8" (Alt Çıkış - Gliserin)

Model	Specification (kgf/cm ²)	W	L	H
327207	15	42	58	24
327610	35 (oil charged)			

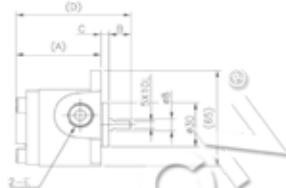
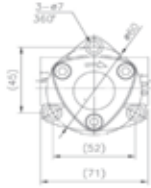


MODEL	YCM-01	YCM-02	YCM-03
Output Bore	Internal Thread PSI/4 (with Universal Nozzle)		
Input Air Pres.	Mpa (Kgf/cm ²) 0,4 (4)		
Connector Type	Quick Connector (Male Type)		
Input Air Switch	O	O	O
Pressure Gauge	O	O	O
Stand	-----	Magnetic Stand	



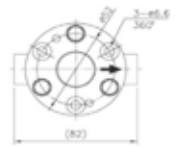
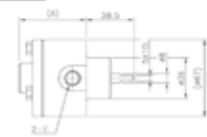
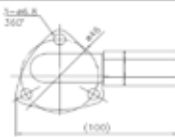
TOP OIL FEED PUMP

Model	Out.vol. (cc/rev)	Out. volume (L/min)		Max.pres. (Mpa) (kgf/cm ²)	Revolution (rpm)	Bore (E)	(A)	B	C	(D)
		1500rpm	1800 rpm							
TOP-11A	1.5	2.2	2.7	0.5(5)	2000	PT1/8" or PT1/4"	49	11	8	68
TOP-12A	2.5	3.7	4.5		1800	PT1/4"	56	11	8	76
TOP-13A	3.5	5.2	6.3		1800	PT3/8"	62	14	5	82



1RA OIL FEED PUMP (Reversible)

Model	Out.vol. (cc/rev)	Out. volume (L/min)		Max.pres. (Mpa) (kgf/cm ²)	Revolution (rpm)	Bore (E)	(A)
		1500rpm	1800 rpm				
1RA-2FS	1.8	2.7	3.2	0.5(5)	2000	PT1/4"	50
1RA-3FS	2.5	3.7	4.5				55



TOPADJUSTABLE VALVE
Max.pres.(Mpa)
2-5 kgf/cm ²

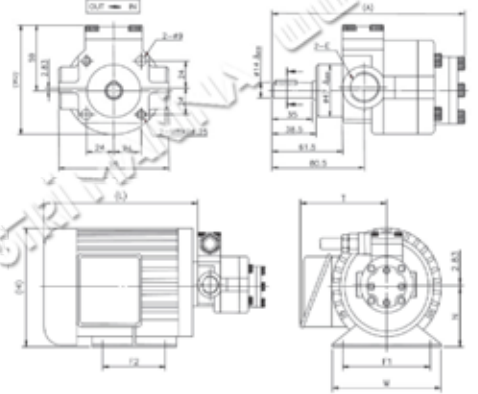
VOP OIL FEED PUMP

Model	Flow rate			Max.pres. (Mpa)	Max. Speed rpm	A	E
	cc/rev	1/1500rpm	1/1800rpm				
VOP-204	4	6	7.2	2.5(25)	1800	148	PT1/2"
VOP-206	6	9	10.8	2.5(25)	1800	153	
VOP-208	8	12	14.4	2.5(25)	1800	158	
VOP-210	10	15	18.0	2.5(25)	1800	160	PT3/4"
VOP-212	12	18	21.6	2.0(20)	1800	168	PT3/4"
VOP-216	16	24	28.8	2.0(20)	1500	-	PT3/4"
VOP-220	20	30	36	1.5(15)	1500	-	PT3/4"



CONNECTING MOTOR

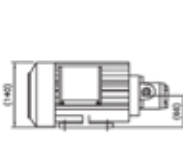
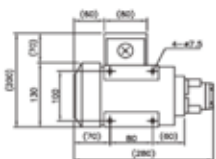
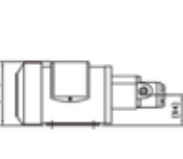
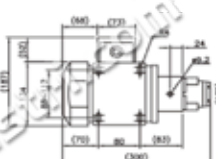
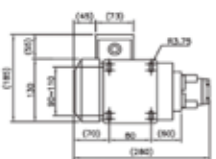
Power	1/4		
Voltage	110V/220V or 220V/380V or 220V/440V or 208V/415V		
Pole	4P		
Time Interval	Continuous		
Speed	1400/1700rpm		
Freguency	50/60Hz		
Weight (kg)	Connecting Motor-Iron Case 7 kg + TOP mini pompa ile	Connecting Motor-Iron Case 7 kg	Connecting Motor-Milling Case 10 kg



Connectic Motor-Iron case (with top feed pump)

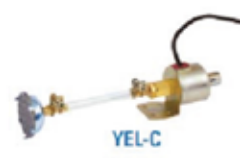
Connectic Motor-Iron case (with prolonged shaft)

Milling Case



YEL ELECTROMAGNETIC PUMP

Model	Voltage	Power	Max. Out. Pres.	Function
YEL-C	110V	13	0.1(1)	Fixed Out. Vol. (Sabit)
	220V			
YEL-D	110V	13	0.1(1)	Adj. Out. Vol. (Ayarlanabilir)
	220V			



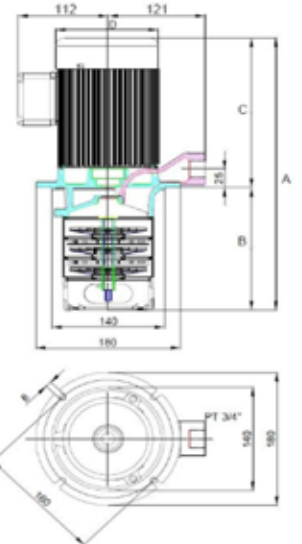
STRAINER COOLING PUMP

Voltage							110V/220V or 220V/380V or 220V/440V or 208V/415V						
HP	Discharge Bore	L/min Output		Lift / Meter		LA(mm)							
		Single ph	Three ph	Single ph	Three ph								
1/8	3/8" PT	35	37	5.4	6	100/130/150/180/220							
	1/2" PT	40	42	5.2	5.7								
1/4	3/4" PT	72	74	9.8	10.4	155/180/200/220/- 240/270/350							
	1" PT	87	94	9.5	10.2								
1/2	3/4" PT	120	130	12	14	150/180/240/290							
	1" PT	130	140	13	15								
1"	1" PT	-	205	-	19	180/240/290/380							



ELECTRICAL DATA

Model	Phase	Cycle (Hz)	Volts (V)	Input Power (W)	Input Amper (A)
TC-1145-4T-2-1	3	50	220/380	400	2.9/1.6
		60		500	2.1/1.2
TC-1145-4T-2-2	3	50	220/380	580	3.1/1.8
		60		810	2.7/1.5
TC-1172-4T-3-3	3	50	220/380	450	3.5/2.1
		60		1090	3.3/1.9



VERTICAL MUTISTAGE PUMP

Model	A(mm)	B(mm)	C(mm)	D(mm)
TC-1145-4T-2-1	349	145	204	128
TC-1145-4T-2-2				
TC-1172-4T-3-1	376	172	204	128
TC-1172-4T-3-2				
TC-1172-4T-3-3	403	199	204	128
TC-1199-4T-4-2				
TC-1199-4T-4-3	430	226	204	128
TC-1226-4T-5-2				
TC-1226-4T-5-3	457	253	204	128
TC-1253-4T-6-2				
TC-1253-4T-6-3				



ELECTRIC SUCTION PUMP (Coolant Pump)

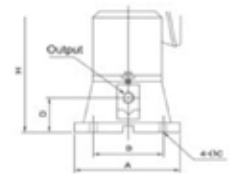
Voltage									110V/220V or 220V/380V or 220V/440V or 208V/415V								
Power (HP)	H	Pumping Water(2m)	Input	Output	A	B	ØC	D									
1/8	175	22L/min	PT 3/8"	PT 3/8"	142	99	8	48									
1/4	235	56L/min	PT 3/4"	PT 1/2"	185	133	9	55									
1/2	310	100L/min	PT 1"	PT 3/4"	165	133	10	70									



Note.1 The outlet volume is based on 60Hz.

Tanım

- Electric Coolant Pump 1/8HP 22lt./min. PT3/8" (3 phase) sirkülasyon soğutma pompası
- Electric Coolant Pump 1/4HP 56lt./min. PT1/2" (3 phase) sirkülasyon soğutma pompası
- Electric Coolant Pump 1/2HP 100lt./min. PT3/4" (3 phase) sirkülasyon soğutma pompası

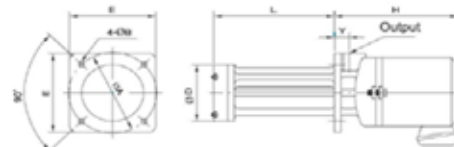


ELECTRIC IMMERSION PUMP (Coolant Pump)

Voltage											110V/220V or 220V/380V or 220V/440V or 208V/415V										
Power (HP)	H	Pumping Water(2m)	Output	ØA	ØB	E	ØD	Y	L												
1/8	150	25L/min	PT 3/8"	128	8	125	90	18	110/130/150/180/210												
1/4	170	60L/min	PT 1/2"	158	9	180	125	20	150/180/210/270												
1/2	230	107L/min	PT 3/4"	170	9	180	140	20	150												
1/2	240	107L/min	PT 3/4"	170	10	195	140	25	175/210/300												
1	295	160L/min	PT 1"	170	10	195	150	27	180/280												

Electric Immersion Motor with Filter

- 1/8 HP Pump 3/8 (3 phase) filtreli soğutma pompası
- 1/4 HP Pump 1/2 (3 phase) filtreli soğutma pompası
- 1/2 HP Pump 3/4 (3 phase) filtreli soğutma pompası



Dispensing Period	Dispensing Volume (cm ³ /day)		
	60 cc.	120 cc.	240 cc.
1 Month	2	4	8
3 Month	0,67	1,33	2,66
6 Month	0,33	0,67	1,33
9 Month	0,22	0,44	0,89
12 Month	0,17	0,33	0,67



OTOMATİK TEK NOKTALI GRES YAĞLAMA SİSTEMLERİ

Grease	Application	Description EVO 1/4 BSP				
PL1	Multi Purpose	Lithium Complex	NLGI1.5	-20C +150C	220cst	Yellow
PL2	Heavy Duty	Aluminyum Complex	NLGI1.5	-20C +150C	237cst	Black
PL3	High Speed	Lithium Soapish Brown	NLGI1.5	-30C +130C	130cst	Yellowish Brown
PL4	H1 Food Grade	Aluminyum Complex	NLGI2	-12C +130C	160cst	Off-White
PL5	High Temperature	Poly-Urea	NLGI1	-15C +160C	310cst	Light Beige
PL6	Multi Purpose MoS ₂	Lithium Complex	NLGI1	-40C +170C	100cst	Grey
PL7	Low Temperature	Lithium Complex	NLGI1	-45C +170C	100cst	Grey

Code	Description	Details of Grease viscosity	Açıklama
33200	LUBRIFixx EVO60	Empty	Boş
33201	LUBRIFixx EVO120		
33202	LUBRIFixx EVO240		

Code	Description	Details of Grease viscosity	Açıklama
33201 001	LUBRIFixx EVO120	120 cm ³	PL1 Multi Purpose Grese Multi Grease
33202 001	LUBRIFixx EVO240	240 cm ³	

33201 002	LUBRIFixx EVO120	120 cm ³	PL2 Heavy Duty Grease Ağır şartlar Grease
33202 002	LUBRIFixx EVO240	240 cm ³	

33201 003	LUBRIFixx EVO120	120 cm ³	PL3 High Speed Grease Yüksek devir/hız
33202 003	LUBRIFixx EVO240	240 cm ³	

33201 005	LUBRIFixx EVO120	120 cm ³	PL5 High Temp. Grease Yüksek sıcaklık
33202 005	LUBRIFixx EVO240	240 cm ³	

Specifications	Description
Gas Type	Nitrogen (N ₂) gas
Gas Generating Method	Electrochemical
Grease Capacity	60,120,240 cm ³
Housing Design	Transparent plastic
Operating Temp Range	-20°C ~ 55°C
Operating Pressure	Max. 5kgf/cm ² (70 psi)
Product Size	60 cm ³ : Ø 77mm x 92mm
	120 cm ³ : Ø 77mm x 92mm
	240 cm ³ : Ø 77mm x 92mm



EVO60

EVO120

EVO240



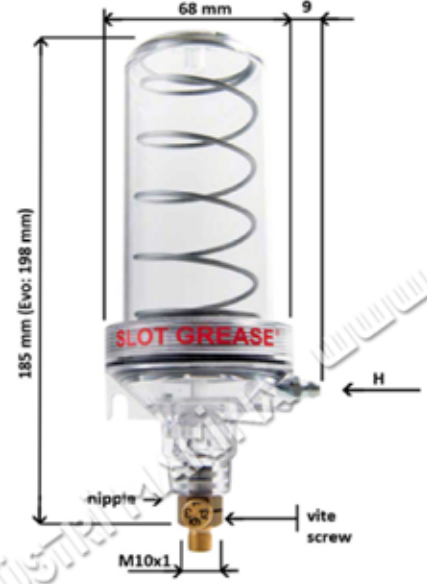
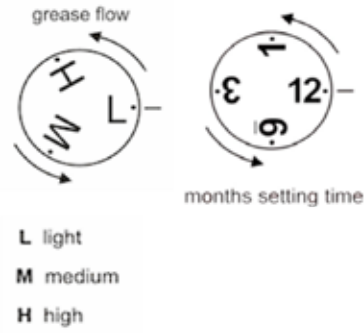
SLOT GREASE®

Refillable automatic lubricator



DOLDURULABİLİR OTOMATİK GRES YAĞLAMA SİSTEMLERİ

Model	Özellik (Ay'lık Ayar Periyodu)			
	months			
100A (100ml.) Classic Gres	1	3	6	12
220A (220ml.) Classic Gres				
100L (100ml.) Oil (ince yağ)				
220L (220ml.) Oil (ince yağ)				
100E (100ml.) Evo adj.				
220E (220ml.) Evo adj.				



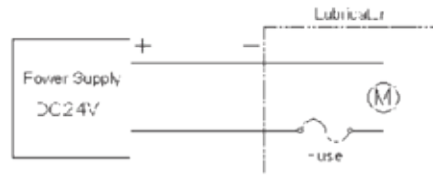
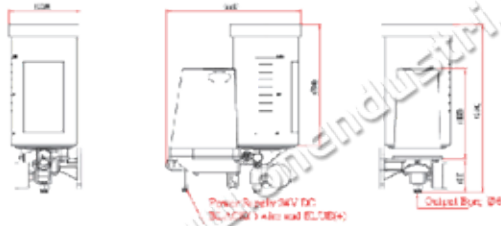
SLOT GREASE TEKNİK ÖZELLİKLERİ :

- * Vibrasyona uygun, 110A dış bağlantısı R1/8 & 220A dış bağ. R1/4 2dir.
- * Gres çıkışı, miktarı ayarlama iğne vanası mevcuttur. 1-3-6-12 ay olarak. (NLGI 2 - 15 C'de)
- * Çalışma sıcaklık aralığı -30 + 132 C
- * Mekanik yay gücüyle (Pilsiz ve gazsız) çalışır ve gresörlüğünden tekrar doldurulabilir.
- * Gres çalışma vizkosite aralığı NLGI 0-1-2-3-4
- * Üç tip yay gücüyle gresi gönderir (Yaylar değiştirilebilir) ;
- * 110A modelinde; beyaz-light yay itme basıncı 1,1 bar ile 6,7 bar arası
- * 110A modelinde; sarı-orta yay itme basıncı 4,7 bar ile 14,5 bar arası
- * 110A modelinde; siyah-güçlü yay itme basıncı 7,5 bar ile 18,6 bar arası
- * 220A modelinde; beyaz-light yay itme basıncı 2,6 bar ile 7,5 bar arası
- * 220A modelinde; sarı-orta yay itme basıncı 5,6 bar ile 15,4 bar arası
- * 220A modelinde; siyah-güçlü yay itme basıncı 8,4 bar ile 19,5 bar arası



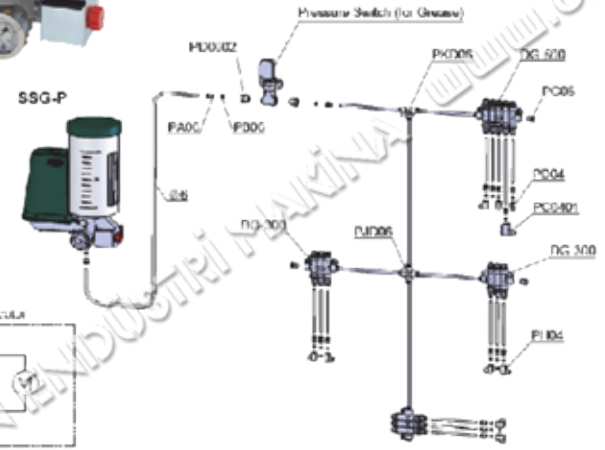
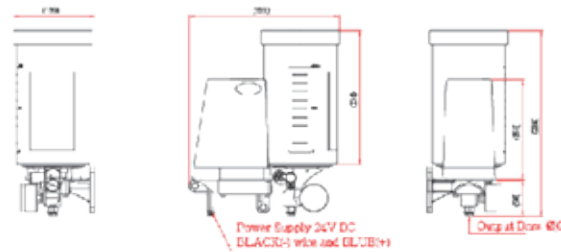
SOFT GRES YAĞLAMA ÜNİTELERİ

Model	SSG-D
Distribütör	DU-series
Voltage /Single Phase	24V DC
Cons. Power (W)	93
Output Power (W)	45
Current Value (A)	Above 3
Output bore (Çıkış çap)	Ø6
Max. Basınç Mpa (kgf/cm ²)	Max. 15 (150)
Debi cc./min.	Above 15
Pres.Gauge (Manometre)	MPa & kgf/cm ²
Tank Kapasite (cc.)	1000
Net Ağırlık (Kg)	2.1
Recommended Grease	No. 000, No. 00, No. 0 and No.1



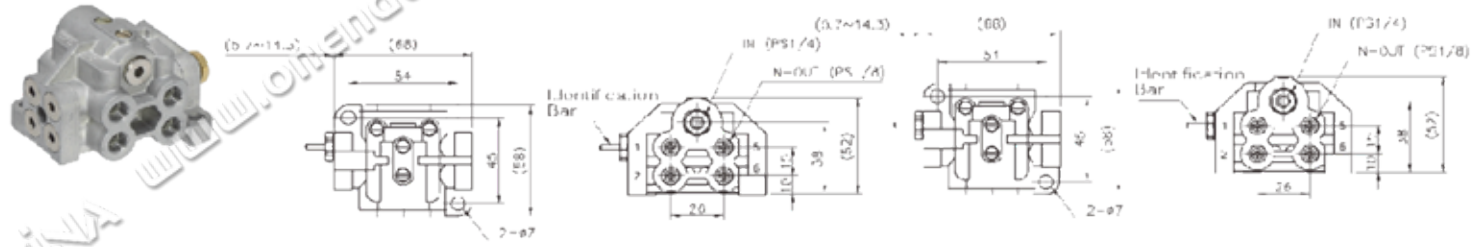
SOFT GRES YAĞLAMA ÜNİTELERİ

Model	SSG-P
Distribütör	DG-series
Supply Voltage(V)	24V DC
Cons. Power (W)	93
Output Power (W)	45
Current Consumption(A)	4.0A Max.
Output bore (Çıkış çap)	Ø6
Max. Basınç Mpa (kgf/cm ²)	Max. 10 (100)
Debi cc./min.	Above 15
Level Switch	Option
Tank Kapasite (cc.)	1000
Net Ağırlık (Kg)	2.6
Recommended Grease	No. 000, No. 00, No. 0 and No.1



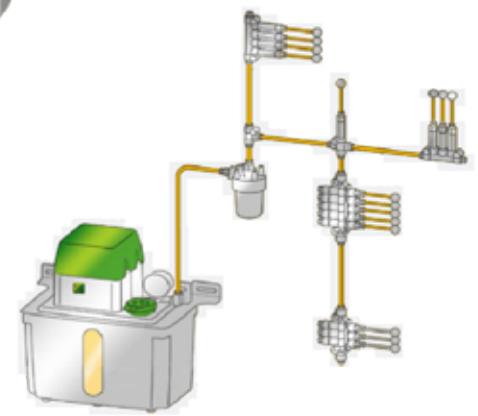
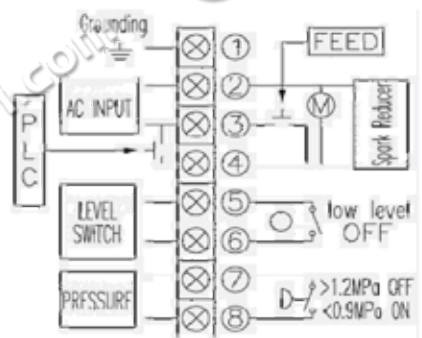
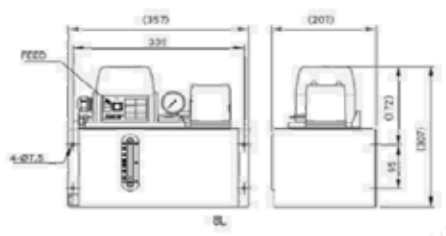
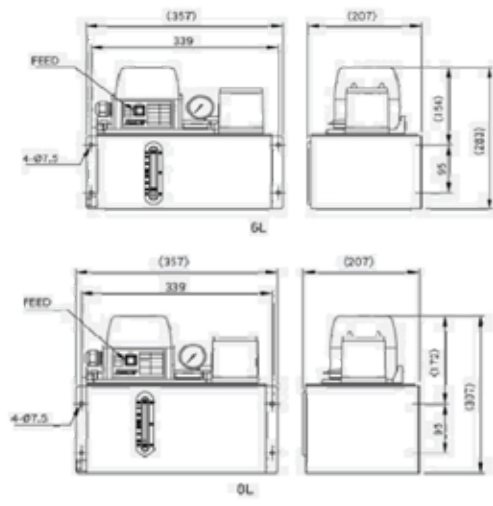
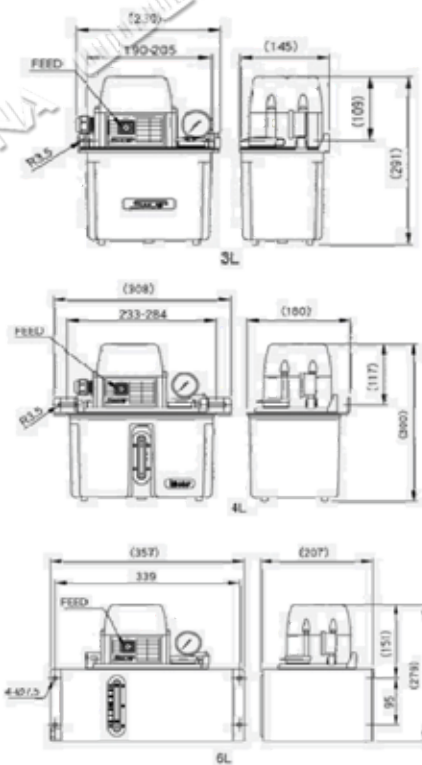
DU-4/6/8T

Model	Detection Switch	Number of Outlet (N)	Out.Volume (c.c./stroke)	Max. Output Pressure Mpa
DU-4T	X	4	0,33 cc.	15(150) kgf/cm ²
DU-6T	X	6		
DU-8T	X	8		
DU-10T	X	10		
DU-12T	X	12		

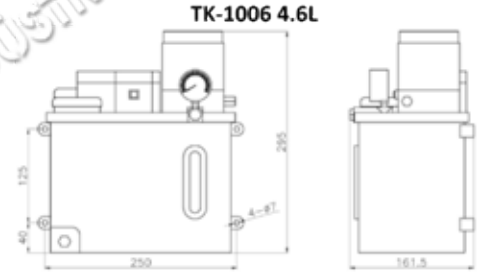


SST SERİ PLC KONTROL YAĞLAMA ÜNİTELERİ

Model	SST-B2	SST-J2	SST-H2
Voltaj	110V & 220V		
Tüketim (W)	100	56	210
Çıkış Gücü (W)	10	25	90
Kapasite Terminal (A)	0.3 sev.switch & 5A basınç switch		
Yağlama Zamanı	PLC kontrol sistemi ile işbirliği yapmak		
Aralıklı Zaman			
Çıkış Yönü	Sol veya sağ	sol	sol
Çıkış Deliği	Ø4 veya Ø6		
Max. Çıkış basıncı (Mpa)	1.5	2	3
Çıkış volume (debi) cc/dk	150	150	600
Basınç Dayanım Cihazı	0	0	0
Şamandıra Anahtarı		0	0
Basınç Şalteri (MPa)	1,2-0,9(NC)		
Basınç Ölçer	0	0	0
Yağlayıcı (40°C)	Yağ 30-450 cSt		
Toz / Su Koruma	IP54	*	*
Tank kapasite	3 LT Plastik	4 LT Metal Tank	6 LT Metal Tank
		6 LT Metal Tank	8 LT Metal Tank

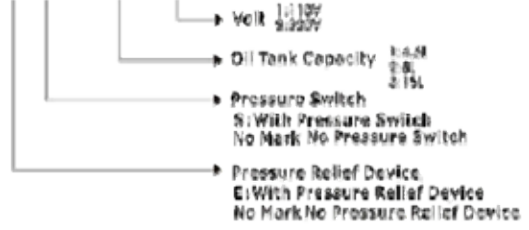


TK-1006		
Tip	TK-1006	TK-1600E
Maksimum Akış	300cc/dk	
Basınç(Bar)	5~15 kg/cm ²	12~15 kg/cm ²
Float Swith	•	•
Yağ Tankı Kapasitesi	4.6L, 8L, 15L	
Yağ Boru Basınç Sinyali	Seçmeli Seçiminizi Yapın.	
Basınç Koruma Cihazı	•	•
Voltaj(50/60Hz)	110V veya 200V	
Tüketim Gücü	45 W	
Basınç Tahliye Cihazı		•
Eklem Çapı	Ø4 veya Ø6	
Remark)	Use Proportional	Use Content Type Oil Distribution



(Order Code)

TK-1006 E S - C I V I



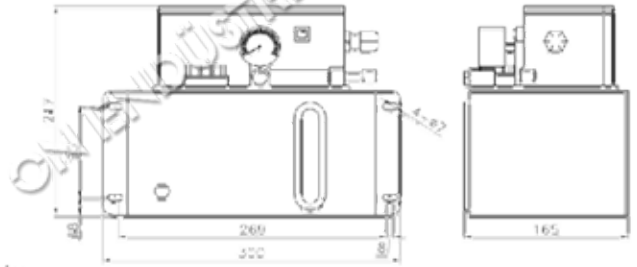
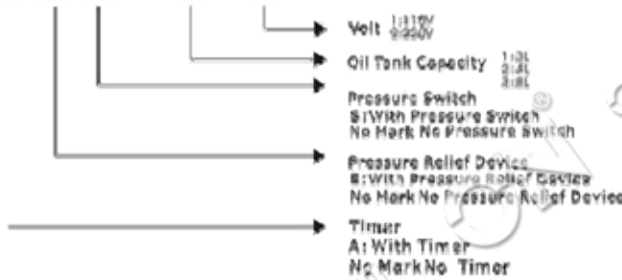
TK-1203				
Tip	TK-1203	TK-1203A	TK-1203E	TK-1203AE
Maksimum Akış	180cc/dk			
Basınç(Bar)	5~15 kg/cm ²		12~15 kg/cm ²	
Float Swith	•	•	•	•
Yağ Tankı Kapasitesi	3L, 4L, 8L			
Yağ Boru Basınç Sinyali	Seçmeli Seçiminizi Yapın.			
Basınç Koruma Cihazı	•	•	•	•
Yağlama Süresi(dk)		1-120 sn		1-120 sn
Aralıklı Zamanlama		1-180 dk.		1-180 dk.
Voltaj(50/60Hz)	110V veya 200V			
Tüketim Gücü	20 W			
Basınç Tahliye Cihazı			•	•
Eklem Çapı	Ø4 veya Ø6			
(Remark)	Use Proportional Oil Distribution		Use Content Type Oil Distribution	



TK-1203 4L

(Order Code)

TK-1203 A E S - C I V I



Model	Tank Material	Capacity
TK-1203-E-S-C1-V1 110V	Aluminyum	3L
TK-1203-E-S-C1-V2 220V		3L
TK-1203-E-S-C2-V2	Alum. + Timer	4,6 L
TK-1203-A-E-S-C1-V2		3L
TK-1006-E-S-C1-V1 110V	Aluminyum	4,6 L
TK-1006-E-S-C1-V2 220V		4,6 L
TK-1006-E-S-C2-V2 220V		8L

1/4" SYSTEM ID 7 mm	
Article Description	Part. No
Flexible Segment 1/4"	
1/4" Hose Segment 310 mm	225.01
1/4" Hose Segment 1 Mt.	225.11
1/4" Hose Segment Coil 7,5 Mt.	225.75
1/4" Hose Segment Coil 15 Mt.	225.15



1/8" NPT Connector	
225.02	4 Adet
225.A02	50 Adet



1/4" NPT Connector	
225.03	4 Adet
225.A03	50 Adet



Round Nozzle ID 1,5 mm	
225.04	4 Adet
225.A04	50 Adet



Round Nozzle ID 3 mm	
225.05	4 Adet
225.A05	50 Adet



Round Nozzle ID 5 mm	
225.13	4 Adet
225.A13	50 Adet



Flare Nozzle 24*2 mm	
225.06	2 Adet
225.A06	20 Adet



Flare Nozzle 16 Hole Hole ID 1,5 mm	
225.14	2 Adet
225.A14	20 Adet



1/4" Double Socket	
225.34	4 Adet
225.A34	20 Adet



1/4" Y Fitting	
225.32	2 Adet
225.A32	20 Adet



In-Line Valve 1/4"	
225.33	2 Adet
225.A33	10 Adet



1/8" Male Npt Valve	
225.36	2 Adet
225.A36	10 Adet



1/4" Male Npt Valve	
225.38	2 Adet
225.A38	10 Adet



Plier Assembly Syst. 1/4"	
300.14	1 Adet



1/2" SYSTEM ID 12 mm	
Article Description	Part. No
Flexible Segment 1/2"	
1/2" Hose Segment 320 mm	225.07
1/2" Hose Segment 1 Mt.	225.12
1/2" Hose Segment Coil 7,5 Mt.	225.70
1/2" Hose Segment Coil 15 Mt.	225.17

1/2" NPT Connector	
225.25	4 Adet
225.A25	50 Adet



3/8" NPT Connector	
225.28	4 Adet
225.A28	50 Adet



Round Nozzle ID 5 mm	
225.09	4 Adet
225.A09	50 Adet



Round Nozzle ID 8 mm	
225.16	4 Adet
225.A16	50 Adet



Round Nozzle ID 11 mm	
225.18	4 Adet
225.A18	50 Adet



1/2" Double Socket	
225.35	4 Adet
225.A35	20 Adet



Flare Nozzle 50*2 mm	
225.10	2 Adet
225.A10	20 Adet



1/2" BSPT Connector	
225.08	4 Adet
225.A08	50 Adet



3/8" BSPT Connector	
225.39	4 Adet
225.A39	50 Adet



Adapter 1/2" to 1/4"	
225.22	2 Adet
225.A22	20 Adet



1/2" Y Fitting	
225.21	2 Adet
225.A21	20 Adet



Adapter foc Loc-Line® 1/2"	
225.24	2 Adet
225.A24	10 Adet



Standard colors:



1/2" SYSTEM ID 12 mm

Article Description	Part. No
1/2" Male Valve	
225.50	2 Adet
225.A50	10 Adet



1/2" Female Valve

225.55	2 Adet
225.A55	10 Adet



1/2" Fixed Mount ID 10,5 mm

225.37	2 Adet
225.A37	20 Adet



1/2" Fixed Mount ID 6,4 mm

225.41	2 Adet
225.A41	20 Adet



1/2" Fixed Mount M8 mm

225.42	2 Adet
225.A42	10 Adet



Magnetic Base with Munting Element 1/2

225.43	1 Adet
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3/4" SYSTEM ID 20 mm

Article Description	Part. No
Flexible Segment 3/4"	
Hose Segment 300 mm	304.02
Hose Segment Lang 1 Mt.	304.04
Hose Segment Lang 7,5 Mt.	304.06
Hose Segment Lang 15 Mt.	304.06



3/4" NPT Connector

304.10	4 Adet
304.A10	50 Adet



Round Nozzle ID 16 mm

304.2	4 Adet
304.A12	50 Adet



Round Nozzle ID 19 mm

304.14	4 Adet
304.A14	50 Adet



Adapter 3/4" to 1/2"

304.16	2 Adet
304.A16	20 Adet



3/4" Double Socket

304.18	4 Adet
304.A18	20 Adet



Fixed Mount 3/4" 6,4 mm

304.20	2 Adet
304.A20	20 Adet



Fixed Mount 3/4" ID 11,5 mm

304.22	2 Adet
304.A22	20 Adet



Fixed Mount 3/4" M8

304.24	2 Adet
304.A24	20 Adet



Magnetic Base with Mounting Element 3/4

304.50	1 Adet
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Fixed Mount 1/2" System



Part.No 225.41
Figure 1



Part.No 225.37
Figure 1



Part.No 225.42
Fixed Mount Thread M8
Figure 2



Part.No 225.41
Part.No 225.37
Figure 1



Part.No 225.42
Figure 2

Standard colors:



Standard colors:



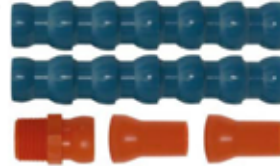
1/4" COOLANT HOSE KIT ID 7 mm	
Article Description	Part. No
Nr.1 1/4" Hose Segment 310 mm	225.C14
Nr.1 1/8" NPT Connector	
Nr.1 1/4" NPT Connector	
Nr.1 Round Nozzle ID 1,5 mm	
Nr.1 Round Nozzle ID 3 mm	
Nr.1 Round Nozzle ID 5 mm	
Nr.1 Flare Nozzle 24*2 mm	



1/2" COOLANT HOSE KIT ID 12 mm	
Article Description	Part. No
Nr.1 1/2" Hose Segment 320 mm	225.C12
Nr.1 1/2" NPT Connector	
Nr.1 3/8" NPT Connector	
Nr.1 Round Nozzle ID 5 mm	
Nr.1 Round Nozzle ID 8 mm	
Nr.1 Round Nozzle ID 11 mm	
Nr.1 Flare Nozzle 50*2 mm	



3/4" COOLANT HOSE KIT ID 20 mm	
Article Description	Part. No
Nr.1 3/4" Hose Segment 300 mm	225.C34
Nr.1 3/4" NPT Connector	
Nr.1 Round Nozzle ID 16 mm	
Nr.1 Round Nozzle ID 19 mm	



1/2" COOLANT HOSE MAXI KIT ID 12 mm	
Article Description	Part. No
Maxi Set 1/2" Coolant Hose	
Nr.4 1/2" Hose Segment 245 mm	400.12
Nr.4 Connector NPT 1/2"	
Nr.4 Connector NPT 3/8"	
Nr.2 Round Nozzle ID 5 mm	
Nr.2 Round Nozzle ID 8 mm	
Nr.2 Round Nozzle ID 11 mm	
Nr.2 Flare Nozzle 50*2 mm	
Nr.2 Flare Nozzle 16 Hole ID 1,5 mm	
Nr.2 1/2" Y Fitting	
Nr.1 1/2" Double Socket	
Nr.2 Female Valve to 1/2" Male	
Nr.2 Adapter for Loc-Line ® 1/2"	



1/4" COOLANT HOSE MAXI KIT ID 7 mm	
Article Description	Part. No
Nr.8 1/4" Hose Segment 140 mm	400.14
Nr.2 1/8" NPT Connector	
Nr.4 1/4" NPT Connector	
Nr.2 Round Nozzle ID Ø 1,5 mm	
Nr.2 Round Nozzle ID Ø 3 mm	
Nr.2 Round Nozzle Ø 5 mm	
Nr.2 Flare Nozzle 24*2 mm	
Nr.2 Flare Nozzle 16 Hole ID 1,5 mm	
Nr.2 1/4" Y Fitting	
Nr.1 1/4" Double Socket	
Nr.2 In-Line Valve 1/4"	
Nr.1 Plier Assembly System 1/4"	



3/4" COOLANT HOSE MAXI KIT ID 20 mm		
Article Description	Part. No	
3/4" SYSTEM		
Nr.2 3/4" Hose Segment 250 mm	400.34	
Nr.4 Connector NPT 3/4"		
Nr.2 Round Nozzle ID 16 mm		
Nr.2 Round Nozzle ID 19 mm		
Nr.2 Adapter for 3/4" to 1/2"		
1/2" SYSTEM		
Nr.4 1/2" Hose Segment 125 mm		
Nr.2 1/2" Y Fitting		
Nr.2 Round Nozzle ID 5 mm		
Nr.2 Round Nozzle ID 8 mm		
Nr.2 Round Nozzle ID 11 mm		
Nr.4 Flare Nozzle 50*2 mm		



1/4" COOLANT HOSE WITH VALVE SET

In-Line Valve 1/4"

Composition Length 330 mm	Part.No
18 Elements - 1 x In-Line Valve 1/4" - 1 x Round Nozzle ID Ø 1,5-3,5 mm	227.01



1/8" MALE NPT VALVE

Composition Length 350 mm	Part.No
18 Elements - 1 x 1/8" Male NPT Valve - 1 x Round Nozzle ID Ø 1,5-3,5 mm	227.02



1/4" MALE NPT VALVE

Composition Length 350 mm	Part.No
18 Elements - 1 x 1/4" Male NPT Valve - 1 x Round Nozzle ID Ø 1,5-3,5 mm	227.03



COOLANT HOSE WITH DOUBLE CONNECTOR 1/4" THREAD

Coolant Hose With Double Connector 1/8" Thread

Composition Length 270 mm	Part.No
14 Segments - 1 Double Socket 1/4" - 2 1/8" NPT Connector	227.07



COOLANT HOSE WITH DOUBLE CONNECTOR 1/4" THREAD

Composition Length 270 mm	Part.No
14 Segments - 1 Double Socket 1/4" - 2 1/4" NPT Connector	227.08



1/2" COOLANT HOSE WITH VALVE SET

1/2" Male NPT Valve

Composition Length 350 mm	Part.No
12 Elements - 1 x Male NPT Valve 1/2" - 1 x Round Nozzle ID 5-8-11 mm	227.05
12 Elements - 1 x Male NPT Valve 3/8" - 1 x Round Nozzle ID 5-8-11 mm	227.38 MF



1/2" FEMALE NPT VALVE

Composition Length 350 mm	Part.No
12 Elements - 1 x Female NPT Valve 1/2"-1 x Round Nozzle ID 5-8-11 mm	227.04
12 Elements - 1 x Female NPT Valve 3/8" 1 x Round Nozzle ID 5-8-11 mm	227.38 FF



COOLANT HOSE WITH DOUBLE CONNECTOR 1/2" THREAD

Coolant Hose With Double Connector 1/2" Thread

Composition Length 300 mm	Part.No
11 Segments - 1 Double Socket - 2 1/2" NPT Connector	227.09
11 Segments - 1 Double Socket - 2 3/8" NPT Connector	227.38



3/4" COOLANT HOSE WITH VALVE SET

3/4" Male NPT Valve

Composition Length 370 mm	Part.No
10 Elements - 1 x Male NPT Valve 3/4" 1 Round Nozzle ID 16-19 mm	227.34M



3/4" FEMALE NPT VALVE

Composition Length 350 mm	Part.No
10 Elements - 1 x Female NPT Valve 3/4" - 1 Round Nozzle ID 16-19 mm	227.34F



COOLANT HOSE WITH DOUBLE CONNECTOR 3/4" THREAD

Composition Length 325 mm	Part.No
9 Elements - 1 Double Socket 3/4"- 2 3/4" NPT Connector	227.10



COOLANT HOSE MAGNETIC BASE 1/4"	
Plastic Magnetic Base 1/4" System	
Article Description	Part.No
Nr.1 Magnetic Base	227.89
Nr.1 Barb Fitting	
Nr.2 Caps 1/4"	



1 FLEXIBLE COOLANT HOSE WITH MAGNETIC BASE	
Article Description	Part.No
Nr.1 Magnetic Base	227.90
Nr.Hose Segments 1/4" 310mm	
Nr.1 1/4" Male NPT Valve	
Nr.1 Round Nozzle ID 1,5 - 3 - 5 mm	
Nr.1 Flare Nozzle 25x2 mm	
Nr.1 Barb Fitting	



2 FLEXIBLE COOLANT HOSES WITH MAGNETIC BASE	
Article Description	Part.No
Nr.1 Magnetic Base	227.99
Nr.2 Hose Segments 1/4" 310mm	
Nr.2 1/4" Male NPT Valve	
Nr.2 Round Nozzle ID 1,5 - 3 - 5 mm	
Nr.1 Flare Nozzle 25x2 mm	
Nr.1 Barb Fitting	



3 FLEXIBLE COOLANT HOSE WITH MAGNETIC BASE	
Article Description	Part.No
Nr.1 Distributor Magnetic	227.91
Nr.3 Hose Segments 1/4" 310mm	
Nr.3 1/4" Male NPT Valve	
Nr.3 Round Nozzle ID 1,5 - 3 - 5 mm	
Nr.3 Flare Nozzle 25x2 mm	
Nr.1 Barb Fitting	



1 FLEXIBLE COOLANT HOSE WITH MAGNETIC BASE	
Article Description	Part.No
Nr.1 Magnetic Base	227.85
Nr.1 Hose Segments 1/2" 320 mm	
Nr.1 Barb Fitting	
Nr.1 1/2 NPT Ball Valve	
Nr.1 1/2" NPT Connector	
Nr.1 Round Nozzle Ø 5 - 8 - 11 mm	
Nr.1 Flare Nozzle 50x2 mm	



1 FLEXIBLES COOLANT HOSE WITH MAGNETIC BASE	
Article Description	Part.No
Nr.1 Magnetic Base	227.86
Nr.2 Hose Segments 1/2" 320 mm	
Nr.1 Barb Fitting	
Nr.2 1/2 NPT Ball Valve	
Nr.2 1/2" NPT Connector	
Nr.2 Round Nozzle ID 5 - 8 - 11 mm	
Nr.2 Flare Nozzle 50x2 mm	



3 FLEXIBLES COOLANT HOSE WITH MAGNETIC BASE	
Article Description	Part.No
Nr.1 Magnetic Base	227.88
Nr.1 Barb Fitting	
Nr.3 1/2 NPT Valve	
Nr.3 Hose Segments 1/2" 320 mm	
Nr.3 1/2" NPT Connector	
Nr.3 Round Nozzle ID 5 - 8 - 11 mm	
Nr.3 Flare Nozzle 50x2 mm	



PROTECTION SHIELDS	
Set with Shield 150mm x 200 mm	
Article Description	Part.No
3/4" Hose Segment 370 mm	305.10
Shield 150x200 mm	
Replacement Shield 150x200 mm	305.11

SET WITH SHIELDS 190x250 mm	
Article Description	Part.No
3/4" Hose Segment 370 mm	305.12
Shield 190x250 mm	
Replacement Shield 190x250 mm	305.13

SET WITH SHIELDS 190x250 mm	
Article Description	Part.No
3/4" Hose Segment 370 mm	305.14
Shield 250x300 mm	
Replacement Shield 250x300 mm	305.15