



METERING VALVE SERIES APF05 – AGG6F

FIXED FLOW RATE FROM 12 CM³ FOR DUAL-LINE LUBRICATION SYSTEMS

CHARACTERISTICS

- **TEMPERATURE:** 30 ÷ +80°C;
- **MAX. PRESSURE (INBOUND):** 400 BAR (5800 PSI.);
- **OPERATING CYCLES:** 100/MIN.;
- **MIN. VISCOSITY:** 100 cSt (462 SSU);
- **GREASES, MAX:** 265 ASTM (NLGI 2)*
- **CONNECTIONS:**
INBOUND: 3/8"
OUTLET: 3/8"

Body made of special anti-friction steel, lapped holes, pistons made of lapped and tempered steel for seals without gaskets. The valves do not use regulation turrets and are used in special applications.

Device to combine or separate the two outlets, galvanic treatment of items exposed.

The metering valves are normally supplied regulated with the maximum flow rate except if specified differently in the order.



GENERAL TECHNICAL CHARACTERISTICS

Temperature	-30 ÷ +80°C.
Max. pressure	400 bar (5800 psi.)
Operating cycles	100/min
Min. oil viscosity	100cSt (462 SSU)
Greases, max.	265 ASTM (NLGI 2) *
Inlet	3/8"
Outlet	3/8"

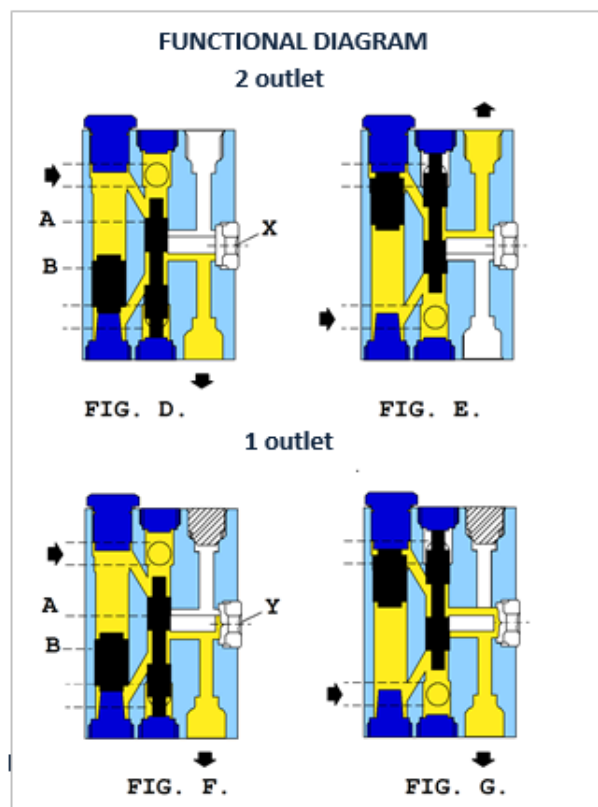
(*) Contact your supplier for different types of grease.

(*) CONTACT YOUR SUPPLIER FOR DIFFERENT TYPES OF GREASE.

INSTALLATION/OPERATION

Each divider group consists of a servo-control piston (A) and a divider piston (B). Piston movements illustrated in fig. D-E show the functioning of divider group with the alternation of supply of lubricant in the two lines. Figures D-E separate outlets – Figure F-G, only one outlet. The supplies are normally supplied with two separate outlets, unless stated otherwise in the order.

If you want to use only one outlet, you must only replace sealing disc X, Part Number 626209 with the sealing disc Y, Part Number 626210. In this case, the maximum flow rate for each complete cycle is 24 cm³.



CHARACTERISTICS

- Paper mills
- Steel plants
- Cement plants
- Large-scale loading and lifting equipment

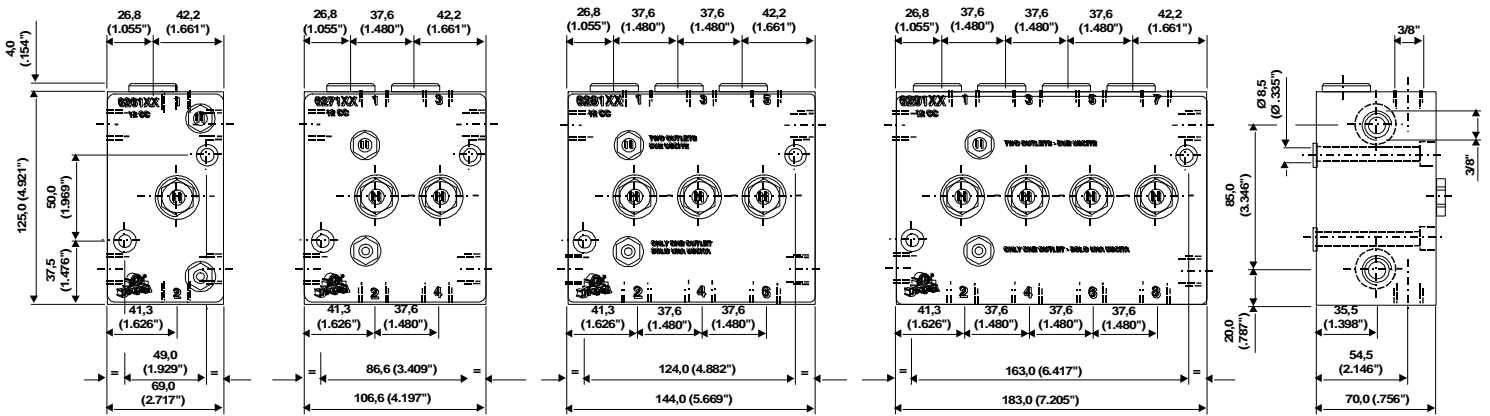
FITTING

For mounting on uneven surfaces, light alloy gauges **Part Number 0622017** to avoid deformations caused by tightening too much.



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DIMENSIONS (DRAWING NOT TO SCALE)

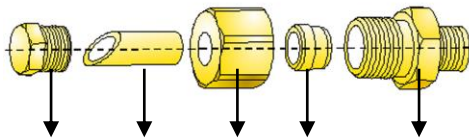


CHECK VALVE TO BE APPLIED IF REQUIRED ON THE OUTLET OF THE PIPE FITTING TO BE ORDERED SEPARATELY
PART NUMBER 92326 BSP
PART NUMBER 92359 NPTF



Using DROPSA standard is more inexpensive because a fitting can be done without. Normally, the valves are supplied with the a double-cone seat for pipe 10mm in diameter.

INLETS 3/8"

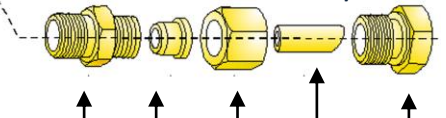


DROPSA STANDARD-DIN 3852 Ø mm				
PLUG	PIPE	NUT	RING	FITTING
	8	0091406	0091601	0092269
0926002	10	0091411	0091607	0092240
	12	0091416	0091612	0092241
NPTF DRY SEAL Ø INCHES				
	3/8	0850202	0850222	0850255
0850282	1/2	0850203	0850223	0850257
	5/8	0850204	0850224	0850259

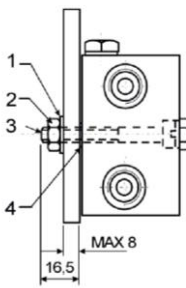
DROPSA STANDARD Ø mm			
DOUBLE CONE	FITTING	PIPE	PLUG
0093010	0092010	10	0091003

NPTF DRY SEAL Ø INCHES				
0850253	0850221	0850201	5/16	
0850255	0850202	0850202	3/8	0850282
0850257	0850223	0850203	1/2	

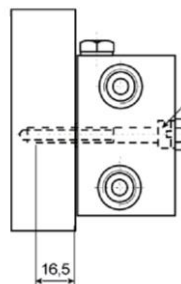
OUTLETS 3/8"



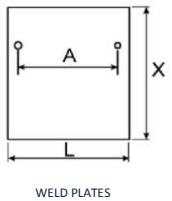
Metering valve attachment items indicated with a * must be ordered separately.



ITEM	PART NUMBER	PARTS	DESCRIPTION	
1*	0016012		Elastic washer	METRIC
2*	0016406	2	NUT M8	
3*	0012556		CYL. HEAD SCREW	
4	3008107		Gauge	
1*	0016012		Elastic washer	(INCHES)
2*	0016500	2	Nut 5/16-24 UNF	
3*	0012560		SCREWS 5/16-24 UNF	
4	3008107		Gauge	



	PART NUMBER	DIMENSIONS in MM (INCHES)		
		A	L	X
1	0111576	49 (1,929)	70 (2,755)	190 (7,480)
2	0111577	86 (3,385)	110 (4,330)	190 (7,480)
3	0111578	124 (4,881)	150 (5,905)	190 (7,480)
4	0111579	163	183	190 (7,480)



ORDER INFORMATION

THREAD	WEIGHT		Number of outlets	PART NUMBER
	Kg.	Lbs.		
Dropsa Standard BSP	4.470	9.83	1 - 2	626180
	6.390	14.06	2 - 4	627180
	8.810	19.39	3 - 6	628180
	10.880	23.94	4 - 8	629180
NPTF	4.470	9.83	1 - 2	626140
	6.390	14.06	2 - 4	627140
	8.810	19.39	3 - 6	628140
	10.880	23.94	4 - 8	629140

Distributor info:

C1065PE WK 45/17

Dropsa products can be purchased at Dropsa branches and authorised distributors. Go to www.dropsa.com/contact or write to sales@dropsa.com