



FEEDER BLOCK SERIES AP6

Adjustable Discharge.25-1.5 cc.per/stroke
(.15 -.091 cu. in./stroke)
Dual Line System

622250 623250
624250 625250
622150 623150
624150 625150
622175 623175
624175 625175

ENGLISH

PRODUCT DATA SHEET

DESCRIPTION:

The feeder body is made of special anti-friction steel. Pistons are made of tempered steel. Bores and pistons are lapped to provide superior sealing. The indicator turrets are provided with integral adjusting screws together with a metacrylate cover and seal. On request an aluminium cover can be supplied. The feeder body has a galvanized finish and features an adaptor for single or double outlet conversion.

SPECIFICATION:

- Temperature range:** -30 to +80°C.
- Max. pressure (inlet):** 400 bar (5800 psi.)
- Cycles:** 100/min.
- Min. Viscosity:** 100 cSt (462 SSU)
- Grease Max.:** 265 ASTM (NLGI 2)*
- Connections:**
 - Inlet:** 1/4"
 - Outlet:** 1/4"

(* For different type of grease please contact your supplier

ORDERING INFORMATION:

Ordering is by Part No., refer to the following table:

Thread.	Part No.	Weight.		No. Outlets.
		Kg.	Lbs.	
Dropsa Standard BSP.	622250	0,850	1.87	1-2
	623250	1,300	2.87	2-4
	624250	1,660	3.65	3-6
	625250	2,050	4.51	4-8
Din 3852 X BSP	622150	0,850	1.87	1-2
	623150	1,300	2.87	2-4
	624150	1,660	3.65	3-6
	625150	2,050	4.51	4-8
NPTF	622175	0,850	1.87	1-2
	623175	1,300	2.87	2-4
	624175	1,660	3.65	3-6
	625175	2,050	4.51	4-8

INSTALLATION/OPERATION:

Function: (Refer to Figs. 1 and 3.)The feeder discharge is controlled by a servo-piston (A) and metering piston (B)

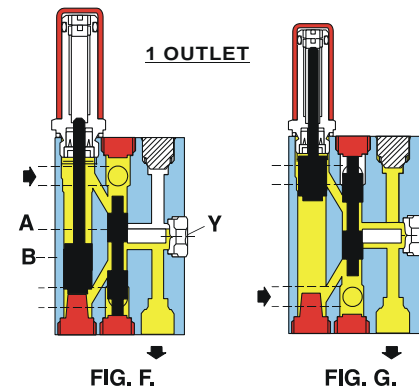
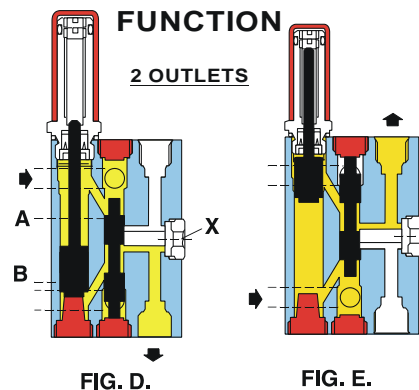
and can be arranged to provide a single or double outlet. Fig. D-E= 2 separate outlets Fig. F-G=1outlet. Feeders are normally supplied with double outlets unless otherwise specified. Retrospective conversion can be undertaken by fitting adaptor Y (code 622076) for single outlet and X (code 622077) for double outlet (see

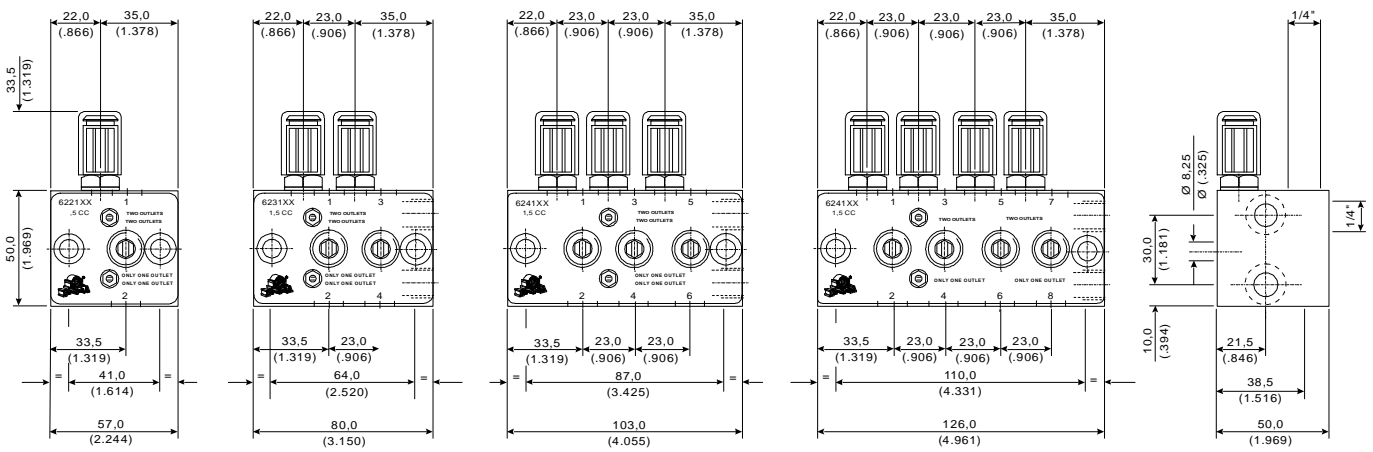


following page). When single outlet feeders are used the discharge per complete cycle = .5-3 cc/stroke (.03-.183 cu.in./stroke).

Dimensions: (Refer to Fig. 2.)

Mounting: (Refer to Fig. 2.) Aluminium bushings Part. No 3008107 are supplied for mounting on uneven surfaces to prevent distortion or damage due to overtightening.

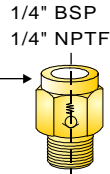




Dropsa Standard feeder blocks are normally supplied with outlets having a conical seating for Ø8 mm. (5/16") tube.

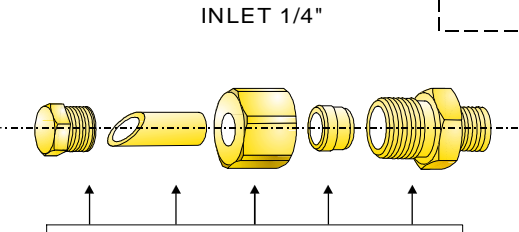
This is simple and cost effective as no fitting is required.

If required a check-valve **Part No. 92313 BSP** or **Part No. 92340 NPTF** can be fitted at the outlet. Order separately.

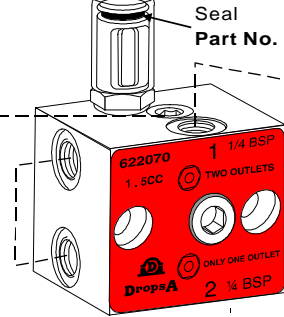


Aluminium cover (optional) **Part No. 622256**
Metacrylate cover **Part No. 622160**

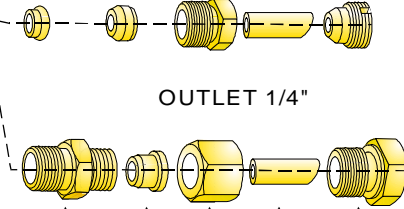
DROPSA STANDARD				
Reducer	Cone	Nut	Ø Tube	Plug
671038	93006	92014	Ø 6	91011
671038	93008	92053	Ø 8	91011



INLET 1/4"



Seal **Part No. 671001**

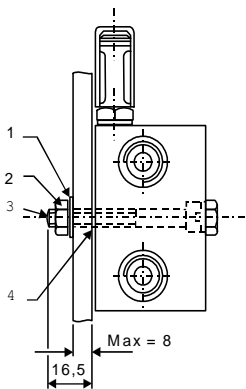


OUTLET 1/4"

DROPSA STANDARD DIN 3852 BSP Ø mm.				
Plug	Tube Ø	Nut	Ring	Fitting
926001	Ø 8	91402	91596	92266
	Ø 10	91406	91601	92242
	Ø 12	91411	91607	92198
NPTF DRY SEAL Ø INCHES				
850281	Ø 5/16	850201	850221	850252
	Ø 3/8	850202	850222	850254
	Ø 1/2	850203	850223	850256

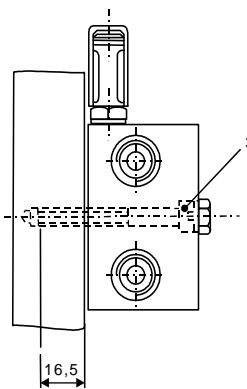
DIN 3852 BSP Ø mm				
Fitting	Ring	Nut	Ø Tube	Plug
91952	91590	91396	Ø 6	622167
91959	91596	91401	Ø 8	
91966	91601	91406	Ø 10	
NPTF DRY SEAL Ø INCHES				
850250	850220	850200	Ø 1/4	850281
850252	850221	850201	Ø 5/16	
850254	850222	850202	Ø 3/8	

- The double outlet adaptor (**622077**) is identifiable by two parallel line markings in the centre; the single outlet adaptor (**622076**) has a circular marking only.

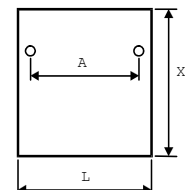


The fixing parts which are indicated are to be ordered

Pos.	Part No.	Qty.	Description	
•1	16012	2	Spring washer	Metric
•2	16406	2	Nut M8 - Hex	
•3	12552	2	Screw M8 x 60	
•4	3008107	2	Bushing	
•1	16012	2	Spring washer	Inch
•2	16500	2	Nut 5/16-24 UNF x 2-1/2	
•3	12561	2	Screw 5/16-24 UNF x 2-1/2	
•4	3008107	2	Bushing	



WELD PLATES FOR FEEDERS



Pos.	Part No.	Dimensions (inches)		
		A	L	X
1	111581	41 (1.614")	60 (2.362")	140 (5.511")
2	111582	64 (2.520")	85 (3.346")	140 (5.511")
3	111583	87 (3.425")	110 (4.330")	140 (5.511")
4	111584	110 (4.330")	130 (5.118")	140 (5.511")

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