



## CHARACTERISTICS

- **Flow rate:**  
400 bar (5800 psi)
- **Working cycles:**  
max 100 per minutes
- **Temperature:**  
from -30°C to +80 °C
- **Lubricants:**  
265 ASTM (NLGI 2)

## SERIES AP6

### 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

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.

## ORDERING INFORMATION

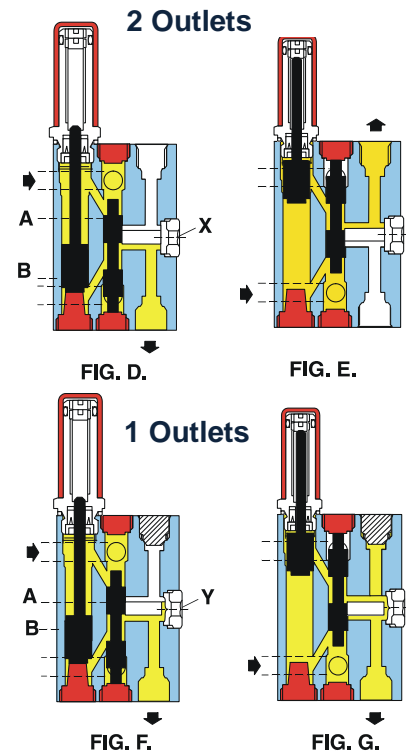
Thread	Part.No.	Weight		No. Outlets
		Kg.	Lbs.	
Standard BSP	0622250	0,850	1.87	1-2
	0623250	1,300	2.87	2-4
	0624250	1,660	3.65	3-6
	0625250	2,050	4.51	4-8
Din 3852 X BSP	0622150	0,850	1.87	1-2
	0623150	1,300	2.87	2-4
	0624150	1,660	3.65	3-6
	0625150	2,050	4.51	4-8
NPTF	0622175	0,850	1.87	1-2
	0623175	1,300	2.87	2-4
	0624175	1,660	3.65	3-6
	0625175	2,050	4.51	4-8

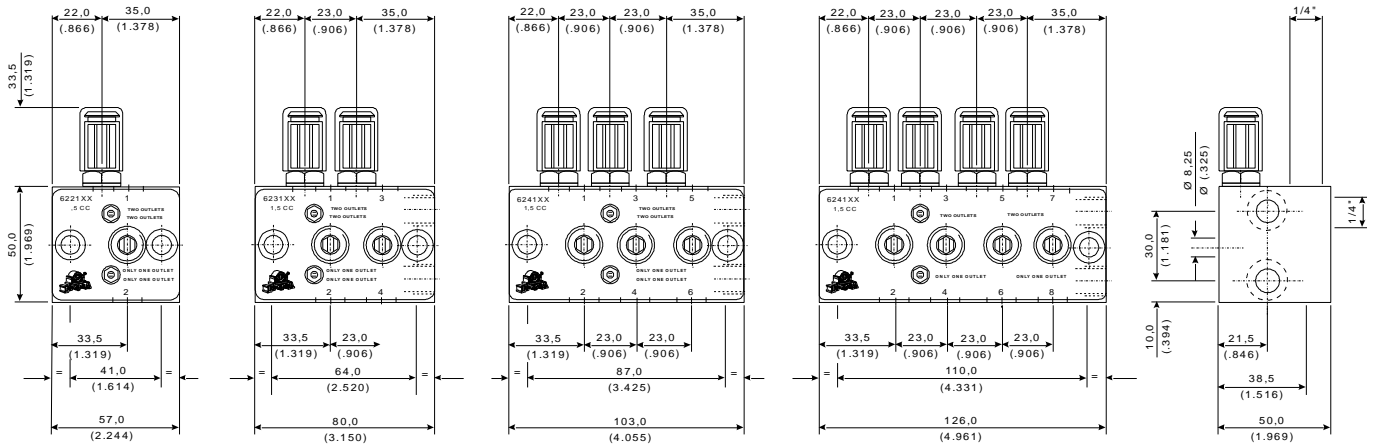
## APPLICATIONS

- Machine tools
- Medium dimension presses
- Packaging machines
- Plastic injection presses
- Reducers

### INSTALLATION/OPERATION:

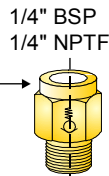
**Function: (Refer to Figs. 1 and 3.)** The feeder discharge is controlled by a servo-piston (A) and metering piston (B) and can be arranged to provide a single or double outlet. Fig. D-E= 2 separate outlets Fig. F-G=1outlet. Feeders are normally supplied with double outlets unless otherwise specified. Retrospective conversion can be undertaken by fitting adaptor Y ( code 622076) for single outlet and X (code 622077) for double outlet (see





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.



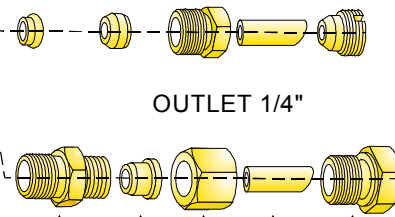
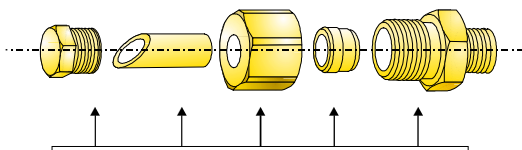
Aluminium cover **Part No. 622256**  
Metacrylate cover **Part No. 622160**

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

Seal **Part No. 671001**

INLET 1/4"

OUTLET 1/4"

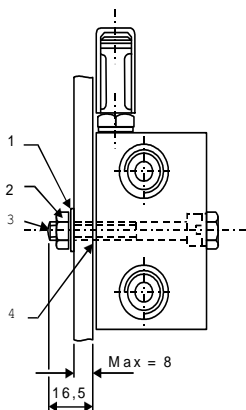


DROPSA STANDARD DIN 3852 BSP Ø mm.				
Plug	Tube Ø	Nut	Ring	Fitting
926001	Ø 8	91406	91601	92269
	Ø 10	91411	91607	92240
	Ø 12	91416	91612	92241
NPTF DRY SEAL Ø INCHES				
850281	Ø 5/16	850202	850222	850255
	Ø 3/8	850203	850223	850257
	Ø 1/2	850204	850224	850259

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	

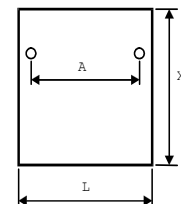
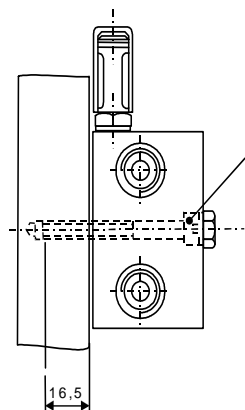
- The double outlet adaptor (**622077**) is identifiable by two parallel line markings in the centre; the single outlet adaptor (**622076**) has a circular marking only.

### WELD PLATES FOR FEEDERS



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	



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")