

Description

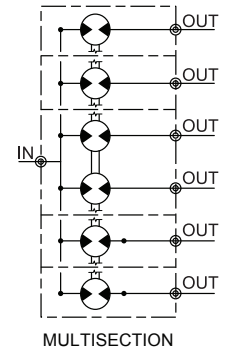
Equal flow multi-section units consist of several identical, individual sections coupled together to divide a flow from a common pump source into three or more equal flows. Each set of gear and shaft assemblies are individually supported in needle bearings.

Features

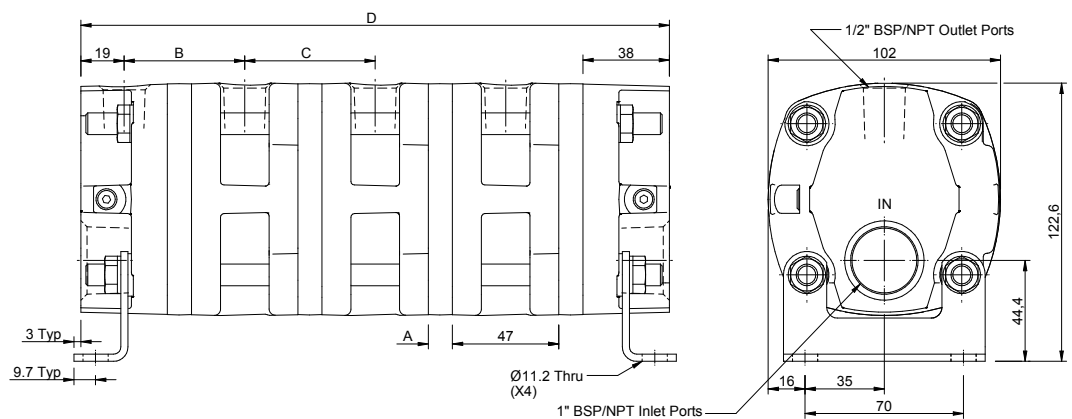
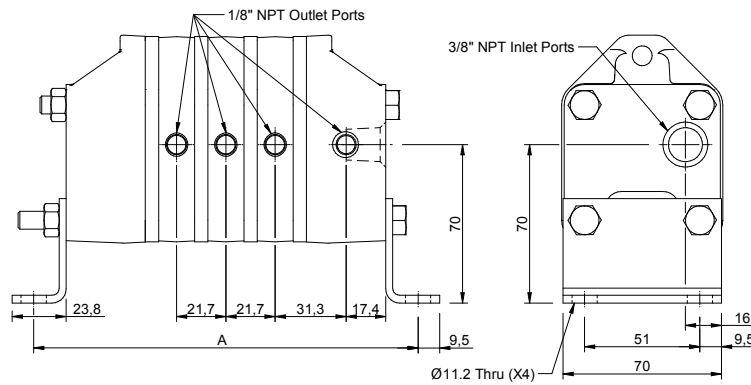
- High strength permanent mould cast iron housing
- Quiet operation
- O-ring seals between sections

Note - For information and application suggestions refer to “Rotary Geared Flow Divider/Combiner - P Series General Guide”.

Symbol



Dimensions



Specifications

Model Code	No. of sections	Max. total inlet lpm	Disp. per section cc/rev	Slip† lpm per 10 bar	Max. pressure intermittent bar	Max. pressure continuous bar	Max. diff. between sections bar	Max. rpm	Bolt torque Std./S type Nm	Dim. A mm	Dim. B mm	Dim. C mm	Dim. D mm	Weight kg
FD-PPM2	4	27	1.8	0.14	140 / 320 ‡	105 / 210 ‡	60 / 110 ‡	3500	18 / 36	170	--	--	--	4.2
FD-P2360	3	120	11.7	0.37	140 / 320 ‡	105 / 210 ‡	70 / 110 ‡		33 / 67	18	61	65	224	11
FD-P2359	4	160											289	13
FD-P2358	5	200											354	16
FD-P2357	6	240											419	20
FD-P2760	3	250	24.4	0.62	140 / 320 ‡	105 / 210 ‡	70 / 110 ‡		33 / 67	38	80	85	283	12.5
FD-P2759	4	333											368	14.5
FD-P2758	5	416											453	17.5
FD-P2757	6	500											537	21.5

† Values shown are single section only.

‡ To achieve these high pressures we can fit high tensile bolts. This is denoted by “-S” after the part number

§ Additional equal flow units may be built up by using several of the same sections. Up to 8 sections can be combined provided the total inlet flow does not exceed 500 lpm.

NB: Greatest efficiency and accuracy occurs at near maximum rated inlet flow although units will be noisier at high RPM. Optimum RPM = 1500 - 2500.

Ordering Example

