

Description

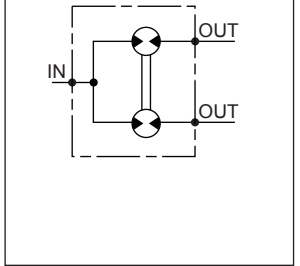
Equal flow two-section units divide flow from a common pump source into separate flows of equal proportion. Both gear sets are assembled to a common shaft.

Features

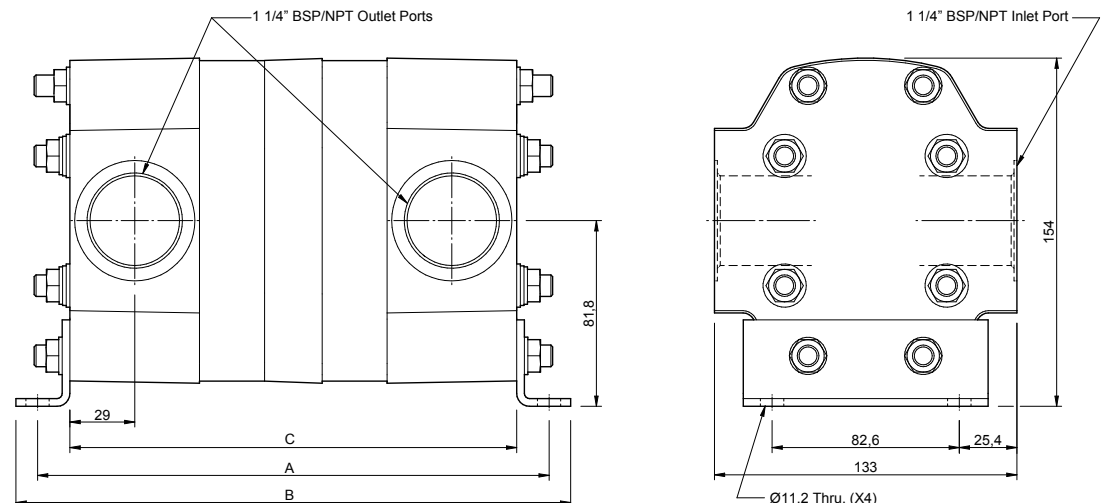
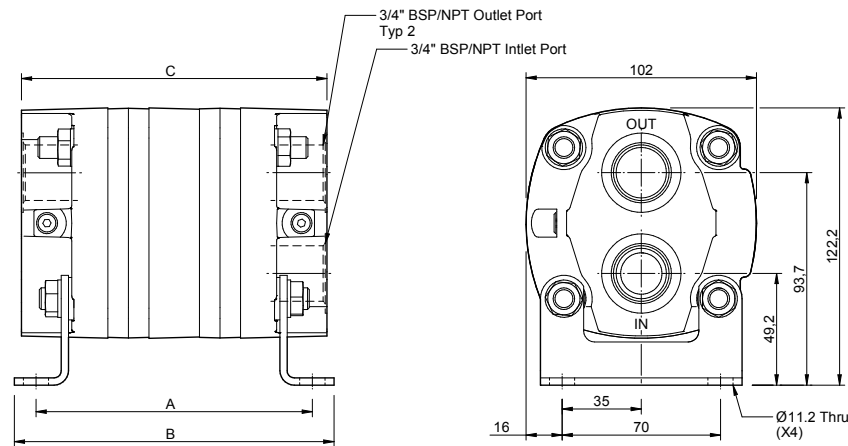
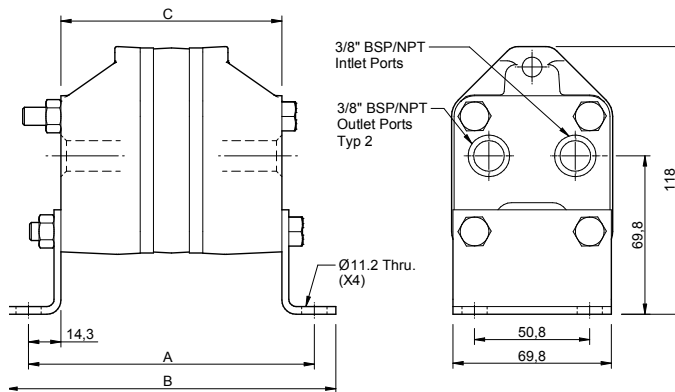
- High strength permanent mould cast iron housing
- Quiet operation
- O-ring seals between sections

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	Min/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	Weight kg
FD-PM2	2	2 / 13	1.8	0.14	175 / 320 [‡]	140 / 210 [‡]	105 / 110 [‡]	3500	18 / 36	126	144	97	4.2
FD-PM6		5 / 37	5.2	0.20	140 / 320 [‡]	105 / 210 [‡]	70 / 110 [‡]			33 / 67	148	167	
FD-P23		12 / 80	11.7	0.37					122		141	135	6.8
FD-P27		24 / 170	24.4	0.62				161	180	174	7.0		
FD-P43		39 / 230	38.6	0.74				166	247	197	17.0		
FD-P47		64 / 380	64.0	1.15	204	285	235	18.5					

[†] 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.

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

