

Description

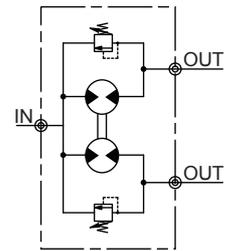
High pressure flow dividers come standard with 2 or 4 sections. Each section comes with a differential relief valve relieving from output to input which allows a “lagging” cylinder to quickly catch up at end of stroke. Alternative multi-section and mixed section units are available on request.

Features

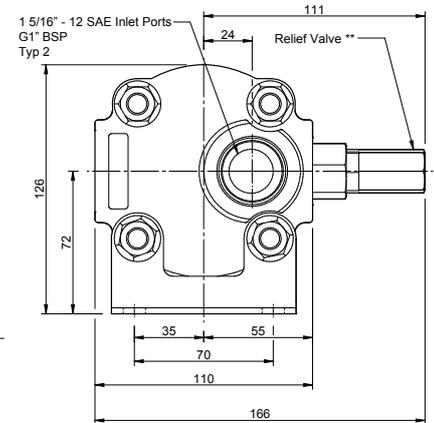
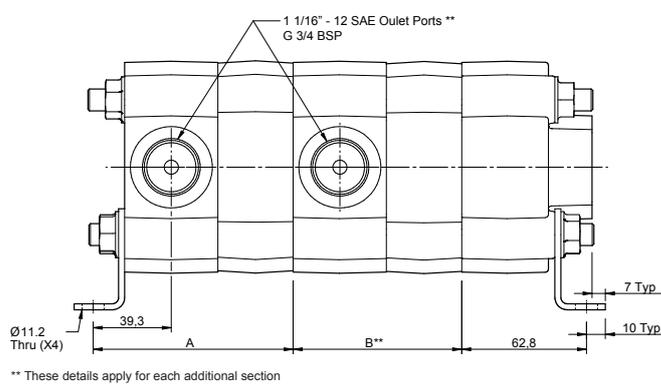
- High strength permanent mould cast iron housing
- Quiet operation
- O-ring seals between sections

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

Symbol



Dimensions



Relief Valve Settings

Standard setting on relief valves is 52 bar differential between outlet and inlet pressure (these relief valves do not give system relief). Maximum total inlet flow (lpm) is based on 3500 rpm. For a quieter operation, limit speed to between 1500 and 2500 rpm.

Equal Flow - 2-Section

Ordering Code	No. of sections	Max. total inlet lpm	Disp. per section cc/rev	Max. pressure intermittent bar	Max. pressure continuous bar	Max. diff. between sections bar	Bolt torque Nm	Dim. A mm	Dim. B mm	Weight kg
FD-HPR23	2	79	11.7	420	240	210	85	81	65	13.6
FD-HPR27		166	24.5					100.5	85	15.4

Equal Flow - 4-Section

Ordering Code	No. of sections	Max. total inlet lpm	Disp. per section cc/rev	Max. pressure intermittent bar	Max. pressure continuous bar	Max. diff. between sections bar	Bolt torque Nm	Dim. A mm	Dim. B mm	Weight kg
FD-HPR2159	4	95	6.8	420	240	210	85	73.5	57.5	20
FD-HPR2359		160	11.7					81	65	25
FD-HPR2559		223	16.4					88	72.5	22.7
FD-HPR2659		280	20.5					94.5	79	26.8
FD-HPR2759		333	24.5					101	85	28.6

Ordering Example

