VFD 50 Series Variable Priority Flow Dividers.

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Priority Type Flow Dividers split a single input flow into a 'Priority' (regulated) flow and a 'By-Pass' (excess) flow which can be returned directly to the oil reservoir or used to power a second system. In many instances this dispenses with the need for another pump to operate a second system.

Specifications

Maximum Pressure: 420 bar (working)

Total Flow Capacity: 50 lpm

Regulated Flow Capacity: See Table 1, ordering codes

Porting:

See Table 2, ordering codes

Material:

Steel components in cast SG Iron body: aluminium knob.

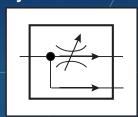
Weight: 0.75 kg

Mounting:

2 Bolt - BSPP or NPTF Ported

3 Bolt - Manifold

Symbol





Features

- Clearly marked handdial permits fast visual adjustments to predetermined 'Priority' flow and fast easy adjustment of 'Priority' circuit to meet varying requirements.
- Pressure compensated permitting both 'Priority and 'By-Pass' flows to be used simultaneously at varying pressures without effecting the Priority flow rate.



Certificate No.8242

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Hydraulic measurement and control

Ordering Codes

Valve Type

Regulated Flow Capacity (Table 1)

Porting (Table 2)

Table 1: Regulated Flow

Code	Regulated Flow
05	0 - 5 lpm
10	0 - 10 l pm
15	0 - 15 l pm
30	0 - 30 lpm

Table 2: Porting*

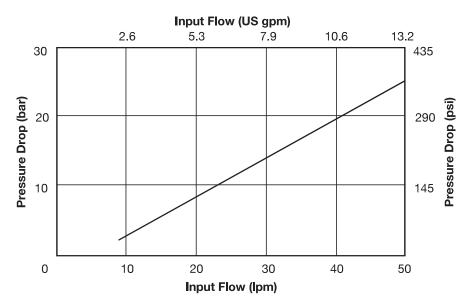
Code	Port Type
Т	3/8" BSPP x 3 Ports
М	Manifold Mounted
A	³ / ₈ " NPTF x 3 Ports

Typical Code

VFD50

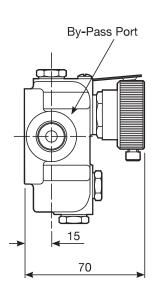
Typical Pressure Drop VFD 50 Series

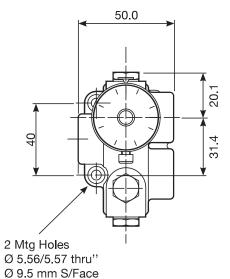
Curve established using hydraulic mineral oil ISO 32 with viscosity of 21 centistokes at 50°C

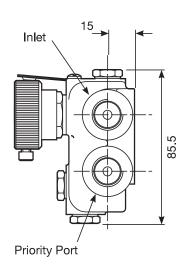


Installation details

Dimensions in millimetres







^{*} Other threads available to special order.