

B series Variable Area flowmeter for liquids

Basic in-line flow monitors (style B)



Universal flowmeter for water and oil applications. High pressure design for up to 414 Bar, with a choice of threads from 1/4" up to 2" in BSP, NPT or SAE and flow ranges up to 570 L/Min. Available in Aluminium, Brass or Stainless Steel.

- Choice of 3 materials of construction
- Universal mounting
- Rugged and reliable design
- High pressure up to 414 Bar

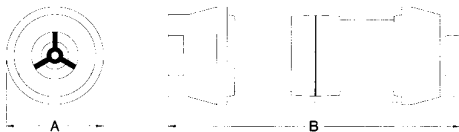
Technical Data

Measuring accuracy:	±2.5% of full-scale in the centre third of the measuring range; ±4% in upper and lower thirds
Repeatability:	±1% of full-scale
Flow measuring range:	0.2-560 LPM
Maximum operating pressure:	aluminium and brass monitors; 240 Bar stainless steel monitors; 410 Bar
Maximum operating temperature:	116°C Note: for operation to 316°C see H&J series
Filtration requirements:	74 micron filter or 200 mesh screen minimum

Material Data

	Aluminum	Brass	Stainless Steel
High-pressure casing, end ports and tapered shaft	Aluminum	Brass	#303 Stainless Steel
Seals	Buna-N (STD), EPR, Viton® or Kalrez®	Buna-N (STD), EPR,	Viton® with Teflon®
Transfer Magnet	Teflon® coated Alnico	Teflon® coated Alnico	Teflon® coated Alnico
Floating Orifice Disk	Stainless Steel	Stainless Steel	Stainless Steel
All other internal parts	Stainless Steel	Stainless Steel	Stainless Steel

Dimensional Data



Dim	Size 3	Size 4	Size 5	Size 5 (2")
A	48mm	60mm	90mm	90mm
B	167MM	182mm	258mm	322mm
Port sizes	NPTF: 1/4", 3/8", 1/2" SAE: #6, #8, #10 BSP: 3/8", 1/2"	NPTF: 3/4", 1" SAE: #12, #16 BSP: 3/4", 1"	NPTF: 1-1/4", 1-1/2" SAE: #20, #24 BSP: 1-1/4", 1-1/2"	NPTF: 2" SAE: #32 BSP: 2"

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Options & Ordering Information

