

EB series flow meters are designed for the measurement of large flows of water and air in applications where both dependability of operation and great mechanical strength are essential



EB-S

Applications

- Water treatment plants
- Sealing and cooling water measurement in paper machine vacuum pump
- Flush water applications
- Lubricating oil for large gear boxes
- Compressed air measurement

Features

- Sturdy construction
- Easy to install, clean and maintain
- Impact resistant flow tube
- Threaded or flanged connections
- Range and scale easy to change

Options

- Inductive flow alarm
- Back lighting
- High temperature PES/PSU flow tube
- Viton or EPDM seals
- BSP thread
- Special materials for high temperatures and corrosive flow media
- Calibration for non-standard gases and liquids
- Special scale markings

Technical Specifications

	EB-A	EB-S	EBF-S
Flowtube	Grilamid	Grilamid	Grilamid
Seals	Nitrile / Viton	Nitrile / Viton	Nitrile / Viton
Float	SS 304 / SS 316	SS 304 / SS 316	SS 304 / SS 316
End blocks	Aluminum	SS 316	SS 316
Meter body	SS 316	SS 316	SS 316
Max. pressure	290 psi	290 psi	230 psi
Max. temperature	Grilamid TR55	176°F (80°C)	176°F (80°C)
	PES (optional)	248°F (120°C)	248°F (120°C)
Connection size / thread	2" NPT / 1½" NPT	2" NPT / 1½" NPT	ANSI 2" 150 lb flange
Accuracy	±5% F.S. (H ₂ O @ 20°C)	±5% F.S. (H ₂ O @ 20°C)	±5% F.S. (H ₂ O @ 20°C)
Weight	7.3 lb (3.3 kg)	9.9 lb (4.5 kg)	14.6 lb (6.6 kg)

Order Guide

EB		-								
										CONNECTION TYPE
										2" FNPT threaded connection
	F									ANSI 2" 150 lb flange
										END BLOCK MATERIAL
		A								Aluminum (threaded model only)
		S								SS 316
										FLOW RANGE
										WATER
										AIR
										USGPM
										LPM
										SCFM
										NLPM
		A								15
		B								27.5
		C								40
		D								52.5
		E								90
		F								110
										400
										450
										12000
										SCALE
			1							Water USGPM
			2							Air SCFM (14.7 psia @ 70°F)
			4							Water LPM
			5							Air NLPM (101.3 kPa @ 20°C)
			R							Relative scale (1-10)
										OPTIONS
				A						Alarm readiness
				P						PES/PSU flowtube
				V						Viton o-ring seals
				E						EPDM o-ring seals
				R						BSP threads

How to specify the model number (For example EB-SC1-V)

1. Select flowmeter type (EB for 2" FNPT connections).
2. Select end block material, flow range, and scale (SC1 for SS 316 end blocks, with a range of 40 USGPM).
3. Select options (V for Viton o-rings).

Special construction

Use code EB-EXXXX as these meters will be given a unique manufacturing number, such as EB-E7349.