

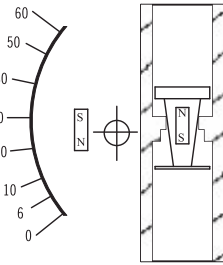
METAL TUBE FLOW METER MF200E

Technical Data

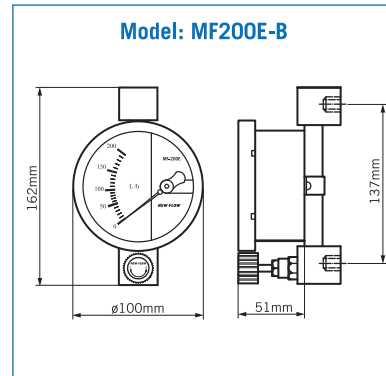
MF200E for low flow of gas, liquid and steam
Material: 316 stainless steel for case and body.
Indication: via magnetic coupling (no seals)
Scales: calibrated in l/h, m³/h, kg/h, %
Flow rate: water-0.4 l/h up to 6000 l/h
 air-21 NL/h up to 150,000 NL/h
Connection types: BSP, NPT, flange type on request
Working Temperature:
 Combine with electronic parts: -40°C~+150°C
 Combine without electronic parts: -40°C~+180°C
Working Pressure: Standard 100 kg/cm²;
 other options upon request
Connection size: 1/4" ~ 2"
Protection Class: IP65
Accuracy: ± 2% FS (± 1.6% FS option)



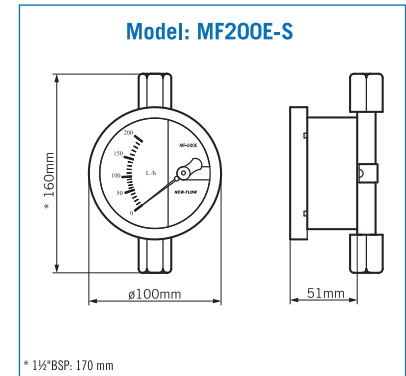
Principle



Dimensions



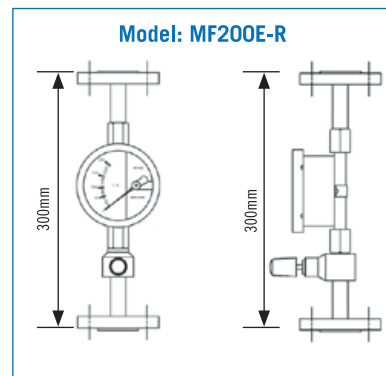
MF200E-B
 Basic Model:
 Rear connection + needle valve



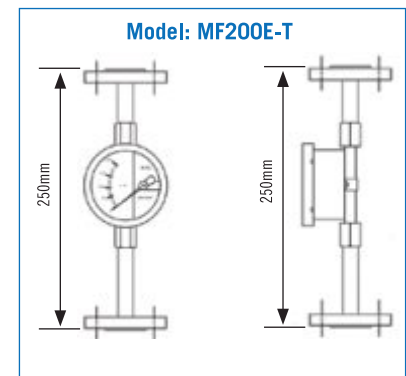
MF200E-S
 Basic Model:
 Thread connection

Standard Scales

Tube	L/H 20°C Water	NL/H Air 20°C 1.013 bar	ΔPmm Water	BSP/NPT
MF2001E	0.4 ~ 4	21 ~ 210	340	1/4"
MF2002E	0.6 ~ 6	33~330	340	1/4"
MF2003E	1 ~ 10	48~480	340	1/4"
MF2004E	1.5 ~ 15	60~600	340	1/4"
MF2005E	2 ~ 20	72~720	340	1/4"
MF2006E	3 ~ 30	90~900	340	1/4"
MF2007E	5 ~ 50	120~1200	340	1/4"
MF2008E	6 ~ 60	180~1800	340	1/4"
MF2009E	10 ~ 100	300~3000	340	1/4"
MF2010E	15 ~ 150	500~5000	340	1/2"
MF2011E	25 ~ 250	750~7500	340	1/2"
MF2012E	40 ~ 400	1200~12000	340	1/2"
MF2013E	60 ~ 600	1800~18000	340	1/2"
MF2014E	75~750	2000~20000	340	3/4"
MF2015E	100~1000	3000~30000	340	1"
MF2016E	150~1500	5000~50000	450	1-1/2"
MF2017E	200~2000	7500~75000	450	1-1/2"
MF2018E	300~3000	9000~90000	450	1-1/2"
MF2019E	350~3500	11000~110000	450	1-1/2"
MF2020E	400~4000	12000~120000	450	1-1/2"
MF2021E	600~6000	15000~150000	520	2" NPT only



MF200E-R
 Flange-needle Model:
 flange connection + needle valve



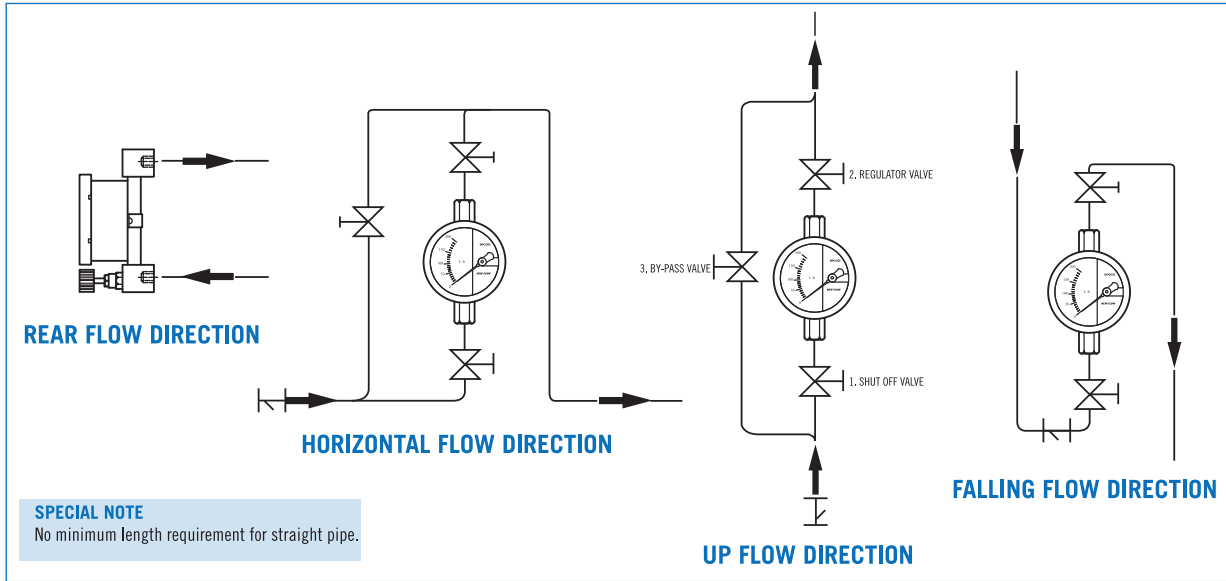
MF200E-T
 Flange Model:
 flange connection

NOTE

Performance Technical Data are effective with date of issue and are subject to change without prior notice.



Installation



Ordering Information

MF200E	Code	Connection	Code	Connection size
	S	Thread connection	4B	1/4" BSP (Female)
	R	Connection with needle valve	4N	1/4" NPT (Female)
	T	Flange connection	2B	1/2" BSP (Female)
	B	Rear connection with needle valve	2N	1/2" NPT (Female)
	Code	Type	6B	3/4" BSP (Female)
	G	Indicating only	6N	3/4" NPT (Female)
	Code	Alarm	1B	1" BSP (Female)
	0	Without alarm switch	1N	1" NPT (Female)
	Code	Body material	15B	1 1/2" BSP (Female)
	A	SS316	15N	1 1/2" NPT (Female)
	Code	Float & Wetted part material	20B	2" BSP (Female)
	A	SS316	20N	2" NPT (Female)
	Code	Connection rating	2F	1/2" Flange
	0	Thread connection	6F	3/4" Flange
	5	JIS 5K	10F	1" Flange
	10	JIS 10K	15F	1 1/2" Flange
	20	JIS 20K	20F	2" Flange
	15	ANSI 150#	Code	Protection Class
	30	ANSI 300#	IP	IP65
	40	ANSI 400#	Code	Fluid
	60	ANSI 600#	G	Gas
	T	Other: _____	O	Oil
			L	Liquid
			S	Steam
			Code	Range
			S	Standard range
				Please directly fill out the flow range in the order code.
MF200E				Complete ordering code

NOTE:

1. Custom-made flow range and flange size upon request.
2. Please fill in the ordering information and service condition, and fax this sheet along with your inquiry to 886-7-8225588.

Special instruction, if any:

Service Condition:

Fluid name: _____

Sp. Gr. (density): _____

Viscosity: _____

Press.: _____

Temp.: _____

Full scale: _____