

MF 8.00" - 16.00" Manual Balancing Valve

NuTech's MF Manual Balancing Valve offers manual balancing and shut off. Valve features a fabricated steel Venturi Flow Element which provides measurement accuracy of $\pm 3\%$ of flow rate. Mounted on the discharge is a ductile iron Lug Type Butterfly Valve with Gear Operator. ANSI Class 125/150# flanged End Connections. Standard features include dual Extended Length Pressure/Temperature Ports and Hanging I.D. Tag.

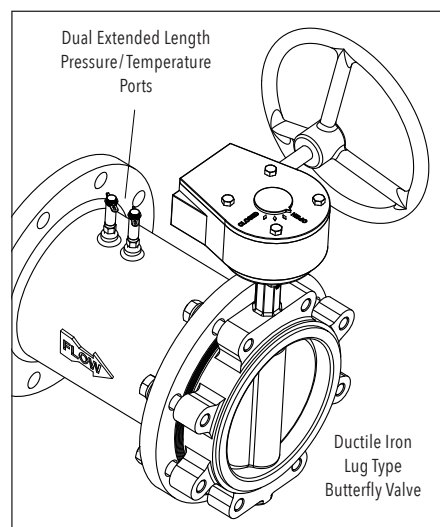


PRODUCT INFORMATION

PART	MATERIALS
Venturi	ASTM A-216 Grade WCB
Butterfly Valve	Ductile Iron A536 65-45-12
Disc	Aluminum Bronze B148 C954
Stem	Stainless Steel 416 A582
Seat	EPDM with Phenolic Backing
Bushing	Teflon/Fiberglass Backed
Seal	EPDM
End Connections	ANSI Class 125/150# Flanged
Bolts	(ASTM) A307 Grade B
Metering Ports	Extended Length Pressure/Temperature

SPECIFICATIONS

Function:	Manual Balancing Valve and Shut Off Valve
Sizes:	8.00" - 16.00"
Ratings:	Pressures to 200 PSIG (1380 kPa) Temperatures to 250° F (120° C)
Accuracy:	$\pm 3\%$ of flow rate

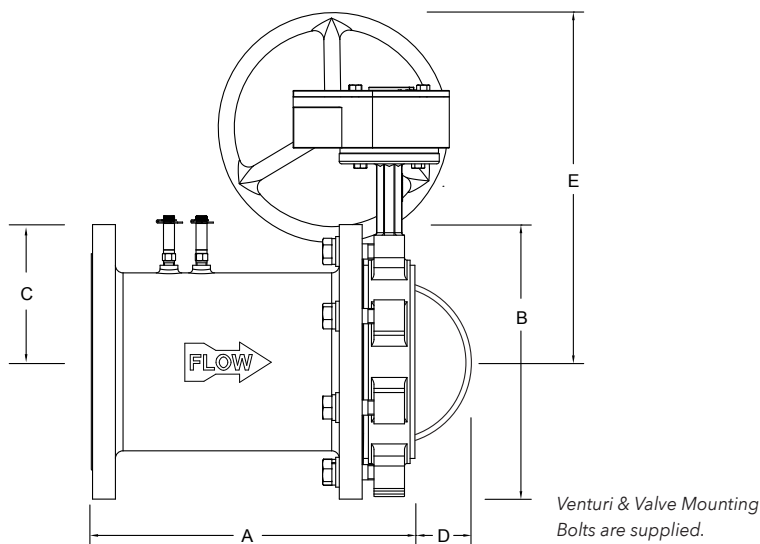


CONNECTIONS

MODEL	SIZE	INLET CONNECTION	OUTLET CONNECTION
MF - 800L	8.00" 200 mm	ANSI Class 125/150# Flanged	Butterfly Valve
MF - 1000L	10.00" 250 mm	ANSI Class 125/150# Flanged	Butterfly Valve
MF - 1200L	12.00" 300 mm	ANSI Class 125/150# Flanged	Butterfly Valve
MF - 1400L	14.00" 350 mm	ANSI Class 125/150# Flanged	Butterfly Valve
MF - 1600L	16.00" 400 mm	ANSI Class 125/150# Flanged	Butterfly Valve

Venturi & Valve Mounting Bolts are supplied.

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NOMINAL DIMENSIONS, WEIGHTS & FLOWS

MODEL	SIZE			A	B	C	D	E	Wgt	
	in	mm							lbs	kg
MF-800L	8.0"	200	in	15.88	13.50	6.75	2.72	17.46	145	65.77
			mm	403.35	342.90	171.45	69.08	443.48		
MF-1000L	10.0"	250	in	17.67	16.00	8.00	3.52	18.72	200	90.71
			mm	448.82	406.40	203.20	89.40	475.48		
MF-1200L	12.0"	300	in	19.40	19.00	9.50	4.34	20.63	333	153.04
			mm	492.76	482.60	241.30	110.23	524.00		
MF-1400L	14.0"	350	in	26.99	21.00	10.50			480	217.72
			mm	685.54	533.40	266.70				
MF-1600L	16.0"	400	in	39.39	23.50	11.75			655	297.10
			mm	1000.50	596.90	298.45				

Nominal Dimensions & Weights shown above are not to be used for construction purposes unless first certified by the Factory.

ORDERING DESIGNATION

MF - 800 - L - XX

MODEL

MF-800L (Shown)

VALVE BODY SIZE

8.00" (Shown)

CONTROL RANGE

L = Low

ACCESSORIES

*Optional Accessories Designations Below

AVAILABLE OPTIONS Please note *Optional Accessories are an extra charge and not included in the standard model price.

Accessory Designations: BA Buy American Construction HT Hanging Tag (Plastic)
 BX Boxing with Tag PX Extended Pressure/Temperature Vent
 CC Connection Charge