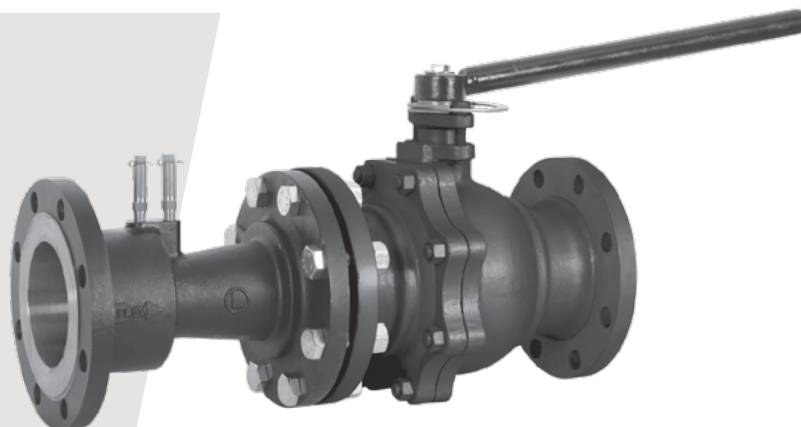


MP

Manual Balancing Valve

NuTech's MP Manual Balancing Valve offers manual balancing and shut off. Valve features a Carbon Steel Venturi Flow Element with precision machined throat which provides measurement accuracy of $\pm 3\%$ of flow rate. Mounted on the discharge is a Cast Steel Ball Valve with Adjustable Flow Positioning Plate. ANSI Class 150# flanged End Connections. Standard features include dual Extended Length Pressure/Temperature Ports and Hanging I.D. Tag.

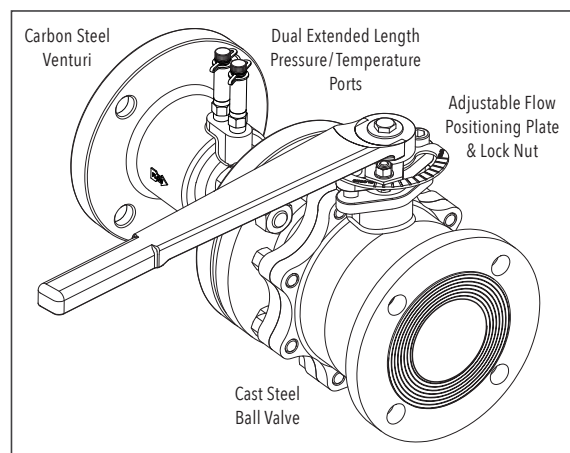


PRODUCT INFORMATION

PART	MATERIALS
Venturi	Carbon Steel ASTM A-120
Ball Valve Body	Cast Steel
Ball	304 Stainless Steel
Stem	304 Stainless Steel
Seat	Teflon
End Connections	ANSI Class 150# Flanged
Metering Ports	Extended Length Pressure/Temperature

SPECIFICATIONS

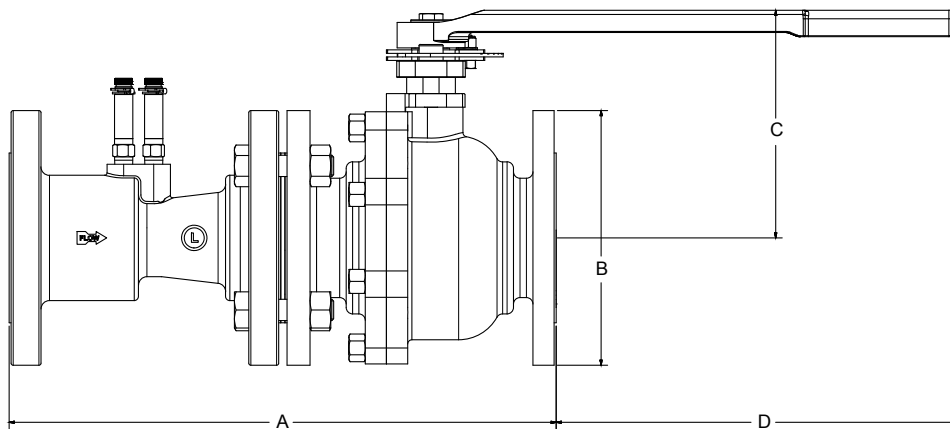
Function:	Manual Balancing Valve and Shut Off Ball Valve
Sizes:	2.50" - 6.00"
Ratings:	Pressures to 240 PSIG (1654 kPa) Temperatures to 250° F (120° C)
Accuracy:	$\pm 3\%$ of flow rate



CONNECTIONS

MODEL	SIZE	INLET CONNECTION	OUTLET CONNECTION
MP - 250L	2.50" 65 mm	ANSI Class 125/150# Flanged	Ball Valve
MP - 300L	3.00" 80 mm	ANSI Class 125/150# Flanged	Ball Valve
MP - 400L	4.00" 100 mm	ANSI Class 125/150# Flanged	Ball Valve
MP - 500L	5.00" 125 mm	ANSI Class 125/150# Flanged	Ball Valve
MP - 600L	6.00" 150 mm	ANSI Class 125/150# Flanged	Ball Valve

MP 2.50" - 6.00" Manual Balancing Valve



NOMINAL DIMENSIONS, WEIGHTS & FLOWS

MODEL	SIZE			A	B	C	D	WEIGHT	
	in	mm						lbs	kg
MP-250L	2.50"	65	in	14.61	7	6.1	6.5	49.5	22.5
			mm	371	180	155	165		
MP-300L	3.00"	80	in	16.12	7.5	7.4	6	54.9	24.9
			mm	409.4	190	188	153		
MP-400L	4.00"	100	in	18.64	9	8.1	7.8	99.5	45.1
			mm	473.5	230	206	198		
MP-500L	5.00"	125	in	25.14	10	10.0	18	146	66.2
			mm	638.6	254	254	457		
MP-600L	6.00"	150	in	28.14	11	11.0	17.5	197.8	89.7
			mm	714.7	280	280	445		

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

ORDERING DESIGNATION

MP - 300 - L - XX

MODEL _____
MP-300L (Shown)

VALVE BODY SIZE _____
3.00" (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