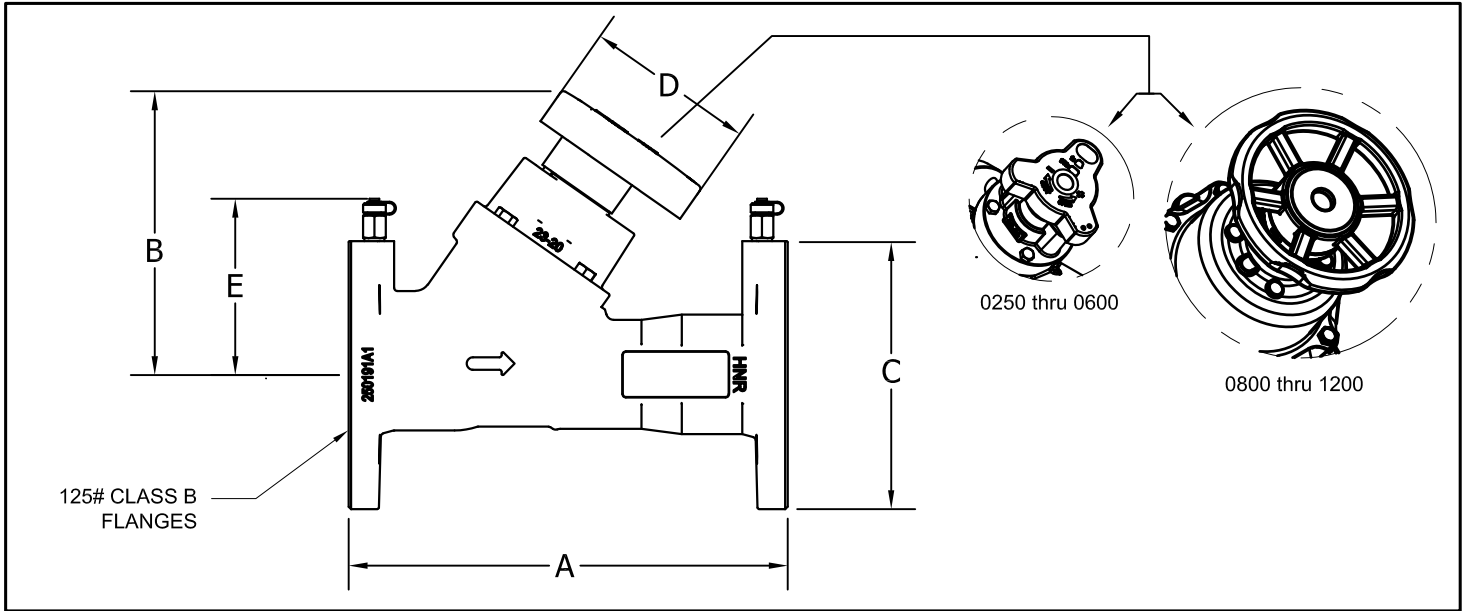




# UltraMB™ Model MBF

Manual Flow Control Valve

(2½" thru 12")



DIMENSIONS [inches]						
SIZE [inches]	A	B	C	D	E	WT. [lbs]
2½	11.42	7.68	7.00	5.00	4.60	27.7
3	12.20	8.35	7.50	5.00	4.88	34.3
4	13.78	9.00	9.00	5.00	5.60	46.9
5	15.75	9.90	10.00	5.00	6.12	66.0
6	18.90	11.30	11.00	5.00	6.75	95.7
8	23.62	19.69	6.70	7.87	7.87	184.8
10	28.74	20.67	7.97	12.20	9.37	349.8
12	33.46	21.06	9.06	12.20	10.24	463.1

FLOW RATE RECOMMENDATION GUIDE			
SIZE [inches]	IDEAL FLOW RANGES [GPM]		Handwheel Turns
	Min.	Max.	Max. (functional)
2½	1.1	160.0	9
3	1.6	240.0	9
4	2.2	400.0	8
5	3.8	560.0	7.5
6	17.0	800.0	8.5
8	50.0	2,000.0	13
10	30.0	2,600.0	11
12	31.0	3,200.0	11

**BASIC INSTALLATION NOTES**

- CAN BE ROTATED ±90° IN-LINE (HANDWHEEL ON TOP POSITION)
- CAN BE MOUNTED HORIZONTALLY OR VERTICALLY
- REQUIRES A MINIMUM OF 5 STRAIGHT PIPE DIAMETERS UPSTREAM
- REQUIRES A MINIMUM OF 2 STRAIGHT PIPE DIAMETERS DOWNSTREAM
- 125# CLASS B FLANGES ALSO MATE TO 150# FLANGES

**ORDER DATA**

Sample Part #: 

M	B	F	-	0	4	0	0	-		
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Model \_\_\_\_\_

Size \_\_\_\_\_

Option Order Code (HT) \_\_\_\_\_

Option Order Code (PTE) \_\_\_\_\_

MATERIALS & DESIGN DATA	
BODY	.....CAST IRON, ASTM A126, CLASS B 232 PSIG, 250°F STANDARD 125# CLASS B FLANGES
CAP	.....CAST IRON (2½" thru 8"), DUCTILE IRON (10" & 12")
LIMITING SCREW	.....BRASS C36000
STEM	.....BRASS C36000 (2½" thru 8"), BRASS C37700 (10" & 12")
RETAINING RING	.....BRASS, ASTM B16 C36000
SPRING	.....STAINLESS STEEL 302
O-RINGS	.....EPDM
HANDWHEEL	.....POLYAMIDE (2½" thru 6"); STEEL, EPOXY COATED (8" thru 12")
POSITION INDICATOR	.....POLYAMIDE (2½" thru 8"); NYLON (10" & 12")
OBTURATOR	.....COMPOSITE
SEAL	.....EPDM
SCREWS	.....STAINLESS STEEL
GLOBE	.....RYTON (PPS)
ACCURACY	.....±5%

ACCESSORIES		
Order Code	Part No.	Description
<input type="checkbox"/> H	..... HT.	HANGING TAG with Model No., Location (Maximum 7 Characters)
<input type="checkbox"/> X	..... PTE.	PRES / TEMP TEST PLUG EXTENSION 1/16" O.A.L.

PROJECT \_\_\_\_\_

CONTRACTOR \_\_\_\_\_

PO/JOB NO. \_\_\_\_\_

ENGINEER \_\_\_\_\_

REPRESENTATIVE \_\_\_\_\_

DATE \_\_\_\_\_

For part numbers and ordering information please consult the "Ordering Guide" section in Nexus Catalog.