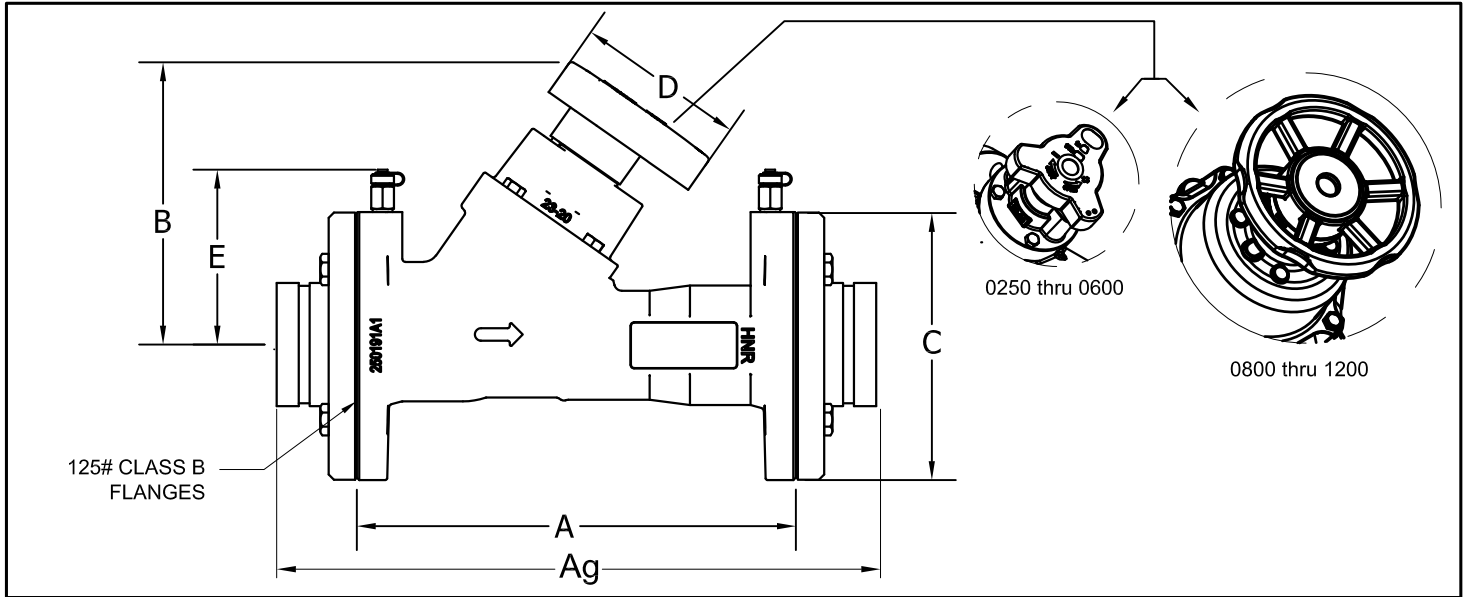




UltraMB™ Model MBG

Manual Flow Control Valve

(2½" thru 12")



DIMENSIONS [inches]								
SIZE [inches]	A	Ag	B	C	D	E	WT. [lbs]	
							MBF	FGA ¹
2½	11.42	16.12	7.68	7.00	5.00	4.60	27.7	15.9
3	12.20	17.00	8.35	7.50	5.00	4.88	34.3	18.4
4	13.78	19.10	9.00	9.00	5.00	5.60	46.9	29.9
5	15.75	21.15	9.90	10.00	5.00	6.12	66.0	38.3
6	18.90	24.50	11.30	11.00	5.00	6.75	95.7	46.0
8	23.62	29.82	19.69	6.70	7.87	7.87	184.8	76.3
10	28.74	35.44	20.67	7.97	12.20	9.37	349.8	120.1
12	33.46	40.26	21.06	9.06	12.20	10.24	463.1	163.0

NOTE: ¹ Weight of 2 Grooved Adapters with hardware

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 #: MBG - 0400 -

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)
GROOVED ADAPTERS	.....DUCTILE IRON, ASTM A 395, 175 PSIG, 250°F, STANDARD 125# CLASS B FLANGES
BOLTS	.....ZINC PLATED STEEL
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 1⅞" 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.