

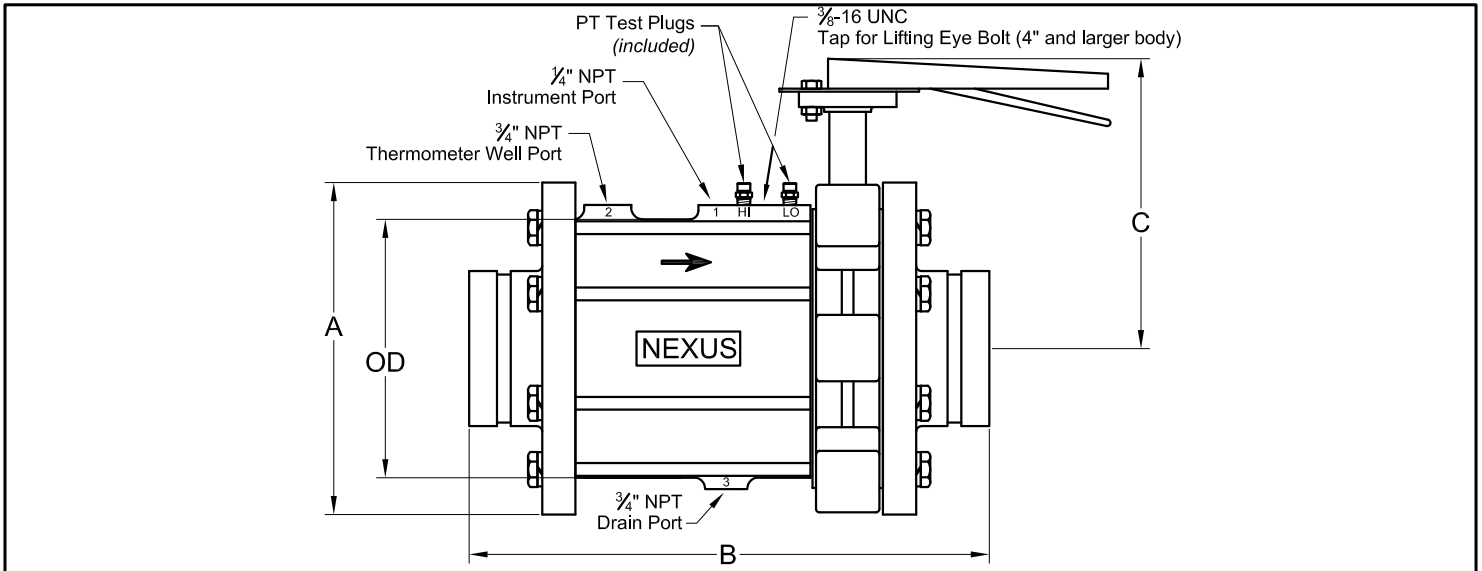


UltraMatic™ Model UMGB

Automatic Flow Control Valve

Grooved Ends

(2½" thru 6")



DIMENSIONS [inches]									
SIZE [inches]	LO	STD	HI	EX HI	A	B	C	OD	WT. [lbs] (Cartridges not included)
2½ w/ sm. body	✓	✓	-	-	7.0	14.8	8.2	4.7	46.5
2½ w/ lg. body	-	-	✓	✓	7.5	16.9	8.2	5.0	54.5
3	✓	✓	✓	✓	7.5	17.1	8.4	5.0	60.5
4	✓	✓	✓	✓	9.0	17.3	9.1	6.8	76.5
5	✓	✓	✓	✓	10.0	17.7	9.5	7.6	86.5
6	✓	✓	✓	✓	11.0	18.3	10.2	8.6	120.0

FLOW RATES Control Range [PSID]				
SIZE [inches]	LO (2-45)	STD (5-50) for 2½" w/ sm. body STD (2-45) for 2½" w/ lg. body STD (2-45) for 3" thru 6"	HI (2-45) for 2½" & 3" HI (4-45) for 4" thru 6"	EX HI (4-70) for 2½" & 3" EX HI (5-45) for 4" thru 6"
(± 5.0%, 5 GPM increments)				
2½	25 - 70	75 - 100	105 - 165	140, 160, 180, 200, 220, 240
3	25 - 70	75 - 120	125 - 165	140, 160, 180, 200, 220, 240
4	75 - 120	125 - 240	140, 160, 180, 200, 220, 240	245 - 480
5	75 - 190	140 - 380	165 - 310	265 - 680
6	75 - 240	245 - 480	125 - 400	485 - 960

MATERIALS & DESIGN DATA	
ULTRAMATIC BODYEPOXY COATED DUCTILE IRON, ASTM A536, 400 PSIG, 350°F BRASS PLUGS ARE FURNISHED FOR ANY UNUSED PORTS
FLOW CARTRIDGE304 STAINLESS STEEL MOVING PARTS IN BRASS HOUSING, PAT # 8517051
CARTRIDGE SEALEPDM
BUTTERFLY VALVEEPOXY COATED CAST IRON, ASTM A126, LUG TYPE BUTTERFLY VALVE, 225 PSIG, 250°F, 316 STAINLESS STEEL DISK, 416 STAINLESS STEEL SHAFT
BOLTSZINC PLATED STEEL
GROOVED ADAPTERSDUCTILE IRON, ASTM A395, 175 PSIG, 250°F, STANDARD 125# CLASS B FLANGES
ACCURACY±5%

ACCESSORIES

- | | <u>Order Code</u> | <u>Part No.</u> | <u>Description</u> |
|--|--------------------------|--------------------|-------------------------------------------------------------------------------------------|
| | <input type="checkbox"/> | A AV-025. | AUTOMATIC AIR VENT
250°F, 150 PSIG, positive shut-off, ¼" MNPT |
| | <input type="checkbox"/> | B BD-075. | BLOWDOWN / VENT / DRAIN
325°F, 600 PSIG, ¾" hose bib & cap |
| | <input type="checkbox"/> | GB BV-0600GB. | GEARBOX WITH HAND WHEEL
(for 6" only) |
| | <input type="checkbox"/> | H HT. | HANGING TAG
with Model No., Location, Flow Rate
(Maximum 7 Characters) |
| | <input type="checkbox"/> | V MV-025. | MANUAL AIR VENT
325°F, 400 PSIG, ¼" MNPT, Side Discharge |
| | <input type="checkbox"/> | W TW-075. | THERMOMETER WELL
¾" MNPT, brass, 1½" well, 3½" O.A.L. |
| | <input type="checkbox"/> | X { | MV-025L. MANUAL AIR VENT EXTENDED
325°F, 400 PSIG, ¼" MNPT, Side Discharge, 2¼" O.A.L. |
| | <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.