

Submittal Data Information

“Grooved End” Plus Two Multi-Purpose Valve

301-236

SUPERSEDES: September 1, 2008

EFFECTIVE: December 10, 2015

JOB _____ ENGINEER _____ CONTRACTOR _____ REP. _____

ITEM	QUANTITY	MODEL NO.	SIZE

DIMENSIONS

Model Number	Size	Connection	A	B	C	D	E	F	C _v	Weight
MPVG 015-4	1½ (38.1) NPT	Grooved	8.00 (203)	1.35 (034)	4.70 (119)	2.39 (061)	5.64 (143)	1.3 (33.0)	69	10 (4.5)
MPVG 020-4	2 (50.8) NPT	Grooved	8.00 (203)	1.35 (034)	4.70 (119)	2.39 (061)	5.64 (143)	1.3 (33.0)	77	10 (4.5)
MPVG 025-4	2½ (63.5) NPT	Grooved	10.63 (270)	1.55 (039)	4.97 (126)	3.50 (089)	7.30 (185)	1.6 (40.6)	122	16 (7)
MPVG 030-4*	3 (76.2)	Grooved	11.75 (298)	1.85 (047)	6.15 (156)	3.90 (099)	7.85 (199)	1.8 (45.7)	209	22 (10)
MPVG 040-4*	4 (101.6)	Grooved	13.75 (349)	2.32 (059)	8.51 (216)	4.18 (106)	9.63 (245)	2.1 (53.3)	357	43 (20)
MPVG 050-4*	5 (127.0)	Grooved	17.63 (448)	2.90 (074)	11.26 (286)	5.25 (133)	12.28 (312)	2.4 (61.0)	459	78 (35)
MPVG 060-4*	6 (152.4)	Grooved	20.35 (517)	3.41 (087)	11.28 (287)	6.07 (154)	14.23 (361)	2.7 (68.6)	701	106 (48)
MPVG 080-4*	8 (203.2)	Grooved	25.88 (657)	4.50 (114)	13.58 (345)	6.75 (171)	19.13 (486)	3.9 (99.1)	1200	240 (109)
MPVG 100-4*	10 (254.0)	Grooved	30.00 (762)	5.50 (140)	15.82 (402)	8.81 (224)	21.20 (538)	4.4 (111.8)	1826	395 (179)
MPVG 120-4*	12 (304.8)	Grooved	36.70 (932)	6.50 (165)	17.54 (446)	9.98 (253)	26.64 (677)	4.9 (124.5)	2430	609 (276)
MPVG 140-4*	14 (355.6)	Grooved	41.56 (1056)	7.24 (184)	22.80 (579)	12.09 (307)	29.47 (749)	5.4 (137.2)	3147	952 (432)

NOTE: Dimensions are in inches. Metric dimensions are in millimeters and are in parentheses (). Weights are in lb (kg).

*‘F’ is the distance required to replace packing under pressure.

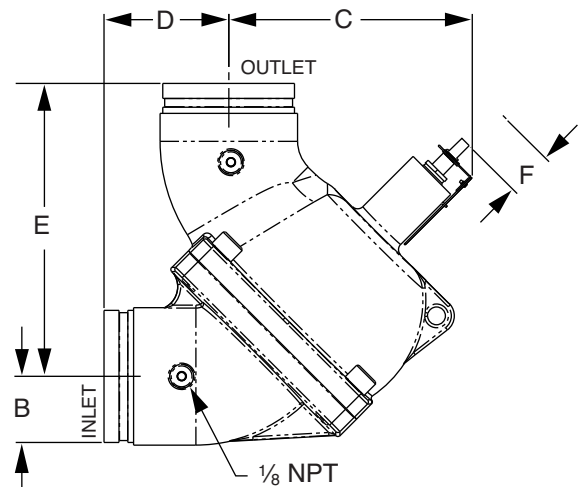
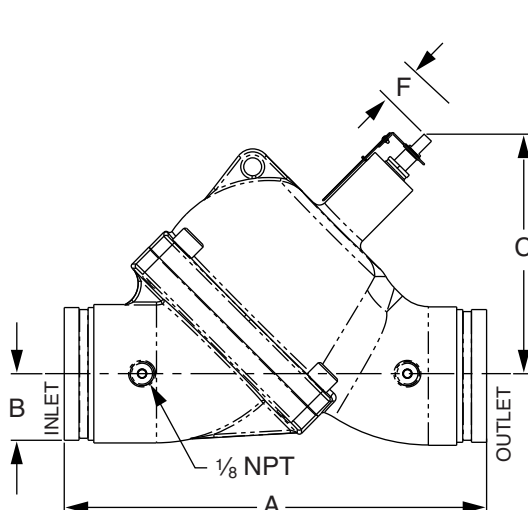
FEATURES

- Horizontal or Vertical Installation
- Field Convertible to a Right Angle Valve
- Stem Seal Packing (replaceable under pressure)
- Bronze Fitted Construction
- Memory Indicator, Pointer and Scale
- Shrader Valve Metering Connections
- “O” Ring Sealed Valve Body
- Replaceable “Soft Seal”
- Low Pressure Drop (equal to or better than any comparable valve on the market today)
- Five (5) Valves in One:
 - Shut Off Valve
 - Flow Control Valve (globe style)
 - Non Slam Check Valve
 - Flow Metering Valve
 - Straight Pattern Valve Convertible to a Right Angle Pattern Valve
- Available in 125 psi and 250 psi Working Pressure
- Available with Flanged or Grooved End Connections

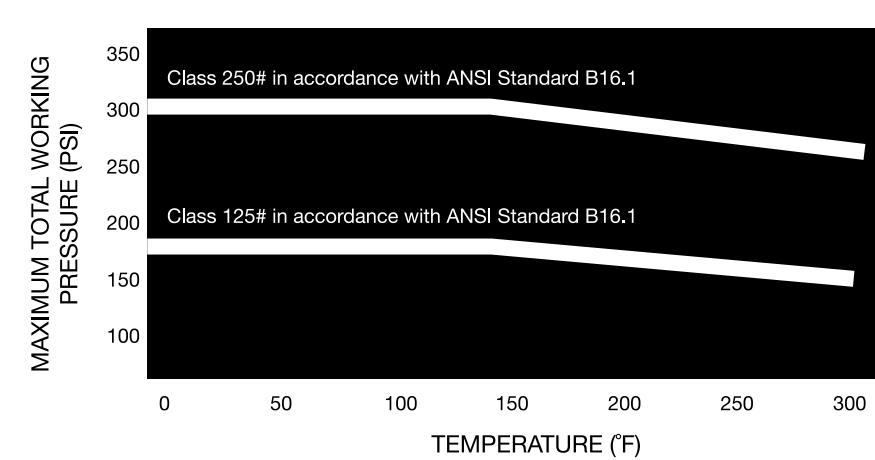
MATERIALS OF CONSTRUCTION

- Body - Ductile Iron
- Spring - Stainless Steel (302)
- Gland - Bronze
- Stem Packing - Teflon Impregnated Aramid Fiber (asbestos free)
- Stem (416) - Bronze/Stainless Steel
- Seat - EPDM
- Seat Disc - Stainless Steel (304)
- Body O-Ring - EPDM
- Seat Disc - Bronze for MPVG140-4 only

(All sizes available with optional DIN flanges. Consult Factory for details.)



PRESSURE TEMPERATURE RATINGS



OPERATING SPECIFICATIONS

	Standard	Optional
Flange	Class 125*	Class 250*
Pressure	175 PSIG* (1210 KPA)	300 PSIG* (2070 KPA)
Temperature	250°F (120°C**)	250°F (120°C**)

* Per Pressure Temperature Ratings chart to left.

