

# Flexi-Hinge® Valve Co., Inc.

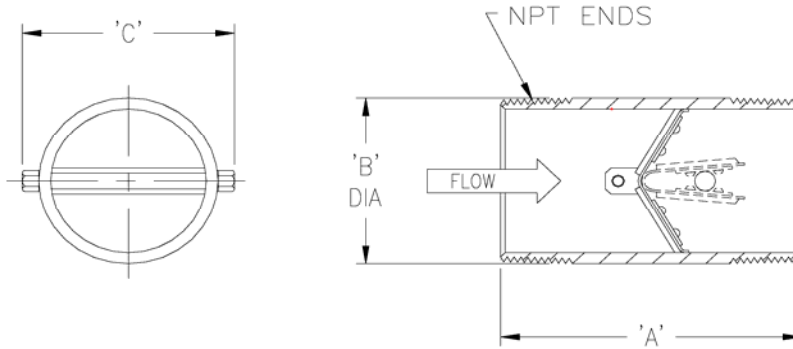
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## Series 502M Flexi-Hinge® Check Valve MALE PIPE THREAD ENDS (MPT)



### SPECIFICATIONS

SIZE [mm]	MODEL NO.	A [mm]	B [mm]	C [mm]	Weight -lbs. [Kg.]	Cv [l/m]
1" [25]	-502M	3-1/2" [88.9]	1.315" [34.9]	1-3/4" [44.4]	0.6 [0.27]	37 [140]
1-1/4" [32]	-502M	3-1/2" [88.9]	1.66" [42.2]	2-1/16" [52.4]	0.9 [0.41]	65 [246]
1-1/2" [40]	-502M	4" [101.6]	1.90" [48.3]	2-3/8" [60.3]	1.2 [0.54]	91 [345]
2" [50]	-502M	4" [101.6]	2.375" [60.3]	2-13/16" [71.4]	2.0 [0.91]	160 [606]
2-1/2" [65]	-502M	5" [127.0]	2.875" [73.0]	3-5/16" [84.2]	2.8 [1.27]	410 [1552]
3" [80]	-502M	5-1/2" [139.7]	3.50" [88.9]	4-1/8" [104.8]	4.5 [2.1]	620 [2346]
4" [100]	-502M	6" [152.4]	4.50" [114.3]	5-1/8" [130.2]	6.9 [3.1]	965 [3652]
5" [125]	-502M	7" [177.8]	5.562" [141.3]	6-3/16" [157.2]	11 [5.0]	1510 [5716]
6" [150]	-502M	8" [203.2]	6.625" [168.3]	7-1/2" [190.5]	17 [7.7]	3025 [11448]
8" [200]	-502M	10" [254.0]	8.625" [219.1]	9-1/2" [241.3]	30 [13.6]	5195 [19661]
10" [250]	-502M	12" [304.8]	10.75" [273.0]	11-3/4" [298.4]	53 [24.1]	7345 [27804]
12" [300]	-502M	14" [355.6]	12.75" [323.8]	14-1/4" [361.9]	91 [41.4]	9450 [35772]

Note: Dimensions subject to change without notice. Request certified drawings.

Weights shown are for carbon steel and 316 S/S. For aluminum multiply by 0.35.

### AVAILABLE MATERIALS

BODY		INTERNALS	
-1	Carbon Steel	2	316 S/S Steel
-2	316 S/S Steel	3	Aluminum
-3	Aluminum		

Standard hardware is 316 S/S  
Standard seal material is Buna-N

Seals		Options	
1	Buna-N	0	No Spring
2	EPDM	1	S/S Spring
3	Silicone	2	Special
4	Viton		

(1) See general catalog for temperature limitations

**Note: Maximum Working Pressure is 200 psi at 150°F**

Consult Factory for Sizes, Materials, Pressure Ratings and Combination End Configurations Not Shown

# PRESSURE LOSS CHARTS WATER AND AIR APPLICATIONS

[SEE TECHNICAL SECTION FOR OTHER LIQUIDS AND GASES]

