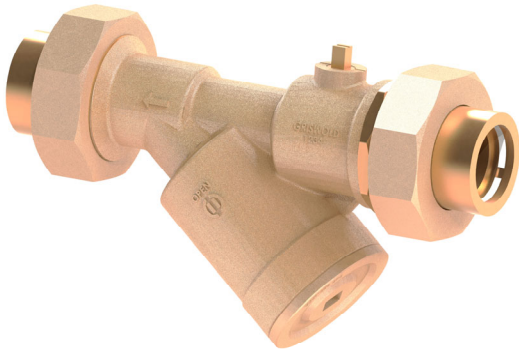


ACCESSIBLE CARTRIDGE



SPECIFICATIONS

PSI/Temperature Rating:	600 WOG, 400 PSI / 250° F
Cartridge:	AISI Type 304 stainless steel AISI Type 17-7 PH stainless steel spring (Optional Monel)
Body Material:	Cast Bronze ASTM B62
End Connections:	Sweat with brazing ring (MIL-F-1183)
Ball Valve Seals:	Teflon
Union Seal:	EPDM O-Ring
Ball Valve:	Nickel-plated brass ball Optional: Stainless Steel ball
Stem:	Blow Out Proof – Dual Teflon Seals with EPDM O-ring – Adjust with wrench
Cap:	Brass - removable with square key
Testing and Certification:	Valve passed U.S. Navy MIL-S 901D and MIL-STD-167 testing

DIMENSIONS & WEIGHTS (NOMINAL)

All dimensions are for planning purposes only and may change without notice.

SIZE	HOUSING LENGTH	OVERALL LENGTH	HEIGHT	DEPTH	Cv ¹	WEIGHT (LBS.)
1/2"	6.0	7.2	3.7	1.9	5.6	2.5
1"	7.4	8.9	5.3	2.8	14.1	7.1
1-1/2"	11.6	12.6	5.9	3.5	40.0	12.7

FLOW RATES (+/-5%)

MODEL NO.	HEAD LOSS IN FEET ²	PSID RANGE	GPM
NY1_8	30.0	13-128	1.10, 1.50, 2.00, 3.00, 4.00, 5.00, 6.00, 7.00, 8.00, 10.0, 12.0, 14.0, 16.0
NY2_8	30.0	13-128	16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0, 40.0, 42.0, 44.0
NY3_8	30.0	13-128	36.0, 42.0, 48.0, 54.0, 60.0, 66.0, 72.0, 78.0, 84.0, 90.0, 96.0, 102, 108, 114

MODEL NUMBER SELECTION³

N
Y
8

Select a Housing Size (1=1/2", 2=1", 3=1-1/2")

Select Cartridge Material (S=Stainless Steel, M=Monel)

Insert Cartridge Flow Rate

NOTES

¹ Cv's are based on housing without the cartridge.
² Head Loss in Feet is provided for pump head calculations. (1 PSI = 2.307 Feet of Water)
³ Model no. and flow rate are indicated on label affixed to body.