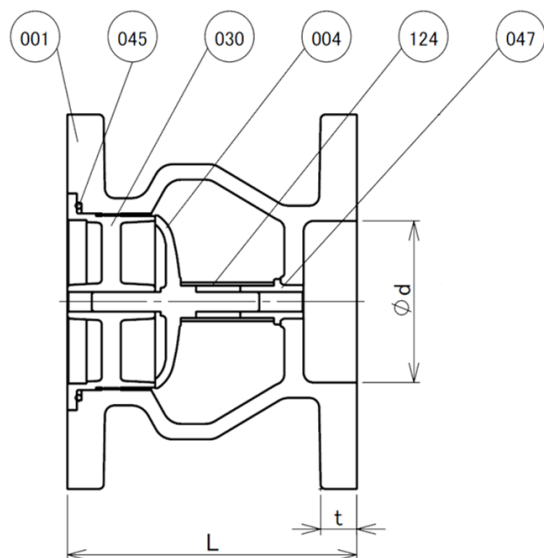


Silent Check

CLASS 125 CAST IRON

Globe Style • Spring Loaded
Stainless Steel (304) Trim

CODE #8910 (125FCSR)



STANDARDS

END TO END	MSS SP-125
END CONNECTION	ASME B16.1-2020 CLASS125
WALL THICKNESS	KITZ STANDARD
DESIGN	MSS SP-125

PRESSURE/TEMPERATURE

200 PSI - NON-SHOCK COLD WATER @ 200°F

MATERIAL LIST

NO.	NAME OF PART	SPECIFICATION
1	BODY	CAST IRON (A126 CLASS B)
4	DISC	STAINLESS STEEL (ASTM A351 CF8)
30	SEAT RING	STAINLESS STEEL (ASTM A351 CF8)
45	O-RING	FKM
47	BUSH	STAINLESS STEEL (TYPE304)
124	COIL SPRING	STAINLESS STEEL (TYPE304)

DIMENSIONS - WEIGHT

SIZE	d	L	t	Lbs.	Cv
2 ¹ / ₂	2.76	5.5	0.69	20	114
3	3.23	6.0	0.75	23.5	156
4	4.37	7.25	0.81	38.5	301
5	5.35	8.5	0.94	53	437
6	6.34	9.75	1.00	70	634
8	8.58	12.5	1.13	121	1134

Cracking pressure : 1/2 PSI

MOUNTING RECOMMENDATION

Valve should be mounted a minimum of six times the nominal pipe diameter from pumps, elbows or other transition devices in the piping system.

These are not to be used as steam valves.

Valves are not to be used near a reciprocating air compressor.

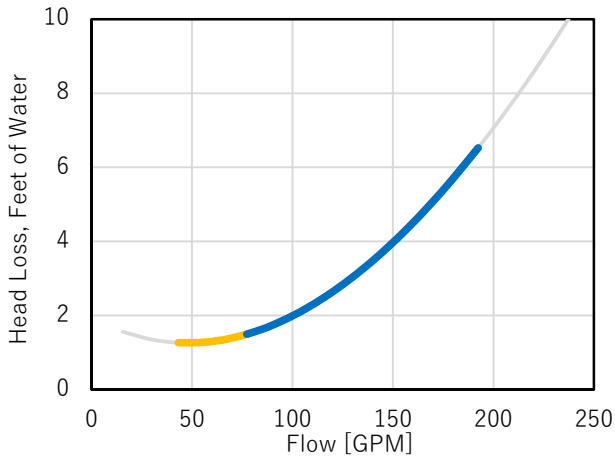
CAST IRON SILENT CHECK

SILENT CHECK VALVES- CLASS 125 CAST IRON CODE #8910 (125FCSR)

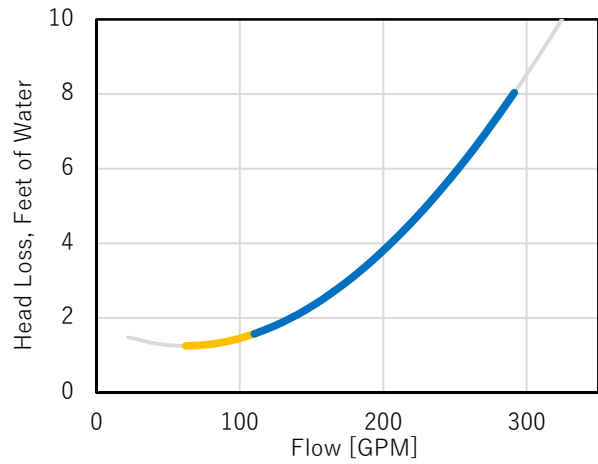
Technical Data

Head Loss

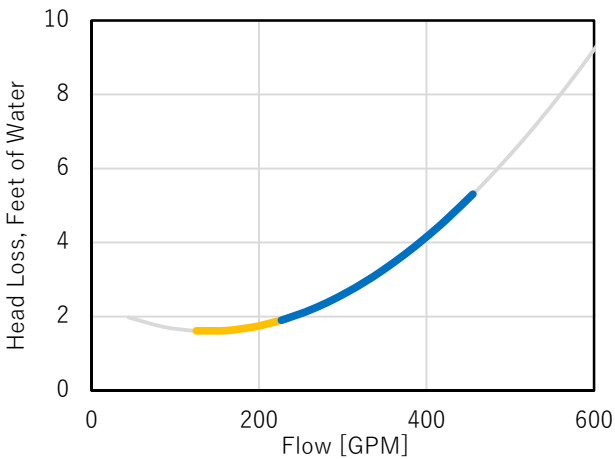
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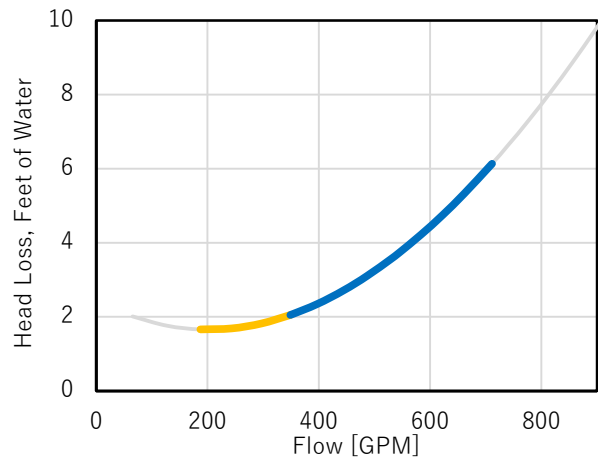
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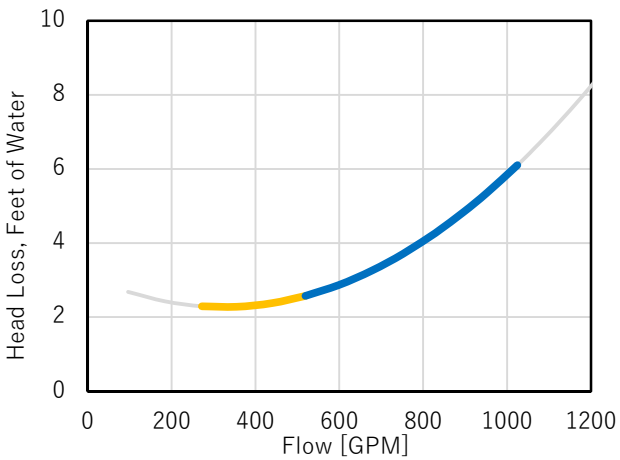
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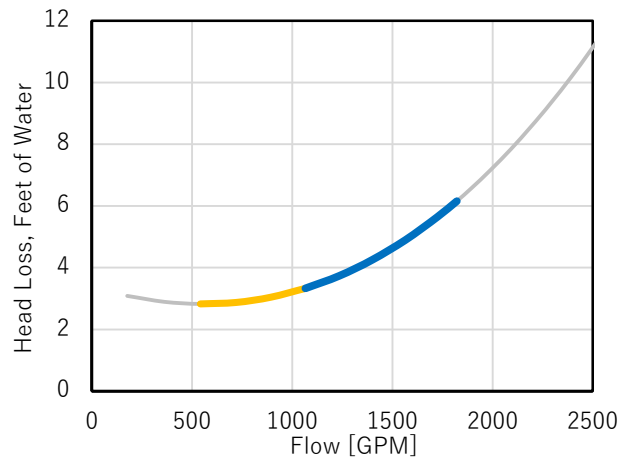
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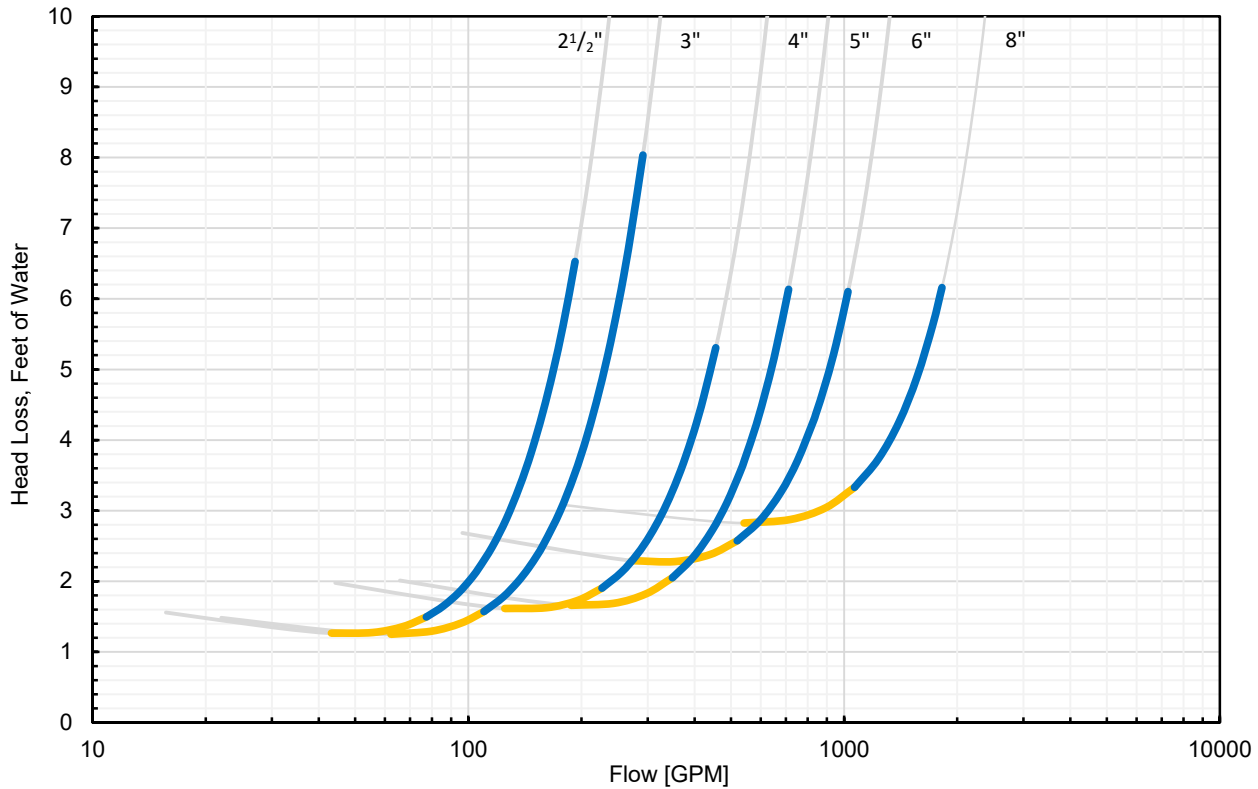
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Note : The head loss shown here is a calculated value.
Therefore, these are approximate values and should not be used in the calculation of the crucial head loss/pressure drop.
The blue line shows the recommended usable range
The yellow line shows the usable range when any kind of pulsation does not occur.

SILENT CHECK VALVES- CLASS 125 CAST IRON
CODE #8910 (125FCSR)
Technical Data

Head Loss



Note : The head loss shown here is a calculated value.
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