

CHECK VALVE SELECTION CHART

APPLICATIONS	TILTING DISC	TD W/ UPPER DASHPOT	SWING L&W	SWING L&S	SWING OIL DASHPOT	RD SERIES	WAFER SILENT	GLOBE SILENT	DOUBLE DOOR
Potable Water Pumping Stations	G	G	X	F ⁷	G	X	F ²	F ²	F ²
Raw Water Pumping Stations	G	G	G	G	G	G	F ²	F ²	F ²
Potable Water Transmission Lines	F	X ⁴	G	G	G	G	G	G	G
Raw Water Transmission Lines	G	X ⁴	G	G	G	G	G	G	G
Treated Wastewater Lines	F ⁴	F ⁴	G	G	G	G	F ²	G	G
Raw Sewage Pump Stations and Lines	X ³	X ³	G	G	G	G	X ³	X ³	X ³
Air Service	X ⁴	X ⁴	F ¹	X	X ⁴	X	G	G	G
Abrasive Service	X	X	F	F	X	G	X	X	X
Buried Service	G ¹	X ⁶	X ⁶	X ⁶	X ⁶	G	F ¹	F ¹	F ¹
Sea Water RO Systems	G ¹	G ¹	G ¹	G ¹	G ¹	G ¹	F ^{1,2}	F ^{1,2}	F ^{1,2}

Legend: **G** = Good; **F** = Fair; **P** = Poor; **X** = Do Not Use

Abbreviations: **TD** = Tilting Disc; **L&W** = Lever & Weight; **L&S** = Lever & Spring

¹ Consult Product Manager on application or material selection

² High flow velocities may result in high head losses across this valve

³ Valve is susceptible to fouling

⁴ Not enough pressure differential to operate valve

⁵ Valve could be subject to rapid erosion – Contact Product Manager on application

⁶ Exposed mechanical accessories

⁷ Valve could be susceptible to slamming

This Check Valve Selection Chart should not be relied upon to select a valve exclusively. Please consult with an appropriate engineer. While information contained in this Check Valve Selection Chart is accurate to the best of our knowledge, it does not consider the specific use, location, elevation, pressure, turbidity, salinity, temperature, or other factors that may be relevant in your selection of a specific valve. WE DO NOT WARRANTY OUR VALVE AS FIT FOR YOUR PARTICULAR PURPOSE.

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