

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. HENRY PRATT COMPANY, LLC DOES NOT WARRANT ITS VALVE AS FIT FOR YOUR PARTICULAR PURPOSE.



Henry Pratt Company • 401 S. Highland Avenue • Aurora, IL 60506 • p 877.436.7977 • moreinfo@henrypratt.com • www.henrypratt.com

The trademarks, logos and service marks displayed in this document herein are the property of Henry Pratt Company, LLC, its affiliates or other third parties. Products above marked with a section symbol (§) are subject to patents or patent applications. For details, visit www.mwppat.com.

Copyright © 2017 Henry Pratt Company, LLC. All Rights Reserved.

Form 13292 – Rev 1/17