

Quarter Turn Valves Selection Chart



MODEL	VBL	VMC
Size Range	6-54" (150-1400mm)	6-48" (150-1200mm)
Seat Type	Metal	Metal
Cavitation (Kc) @ 60% Open	N/A	N/A
Recovery Factor F_L^2 at 60% Open	N/A	N/A
Shutoff Class	AWWA C507	Drop-Tight
Pressure Rating	125, 150 or 300 psi CWP (860, 1030, 2070 kPa)	125, 150, 300 psi CWP
On-Off	Typical Application	Typical Application
Throttling	Typical Application	Typical Application
Control	Typical Application	Typical Application
Diversion	Not Used	Not Used
Liquids (Clean)	Typical Application	Typical Application
Liquids (Dirty)	Typical Application	Typical Application
Liquids (Viscous)	Typical Application	Typical Application
Liquids (Corrosive)	May Be Used	May Be Used
Slurries (Sludge)	Typical Application	Typical Application
Liquids & Slurries (Scaling)	Not Used	Not Used
Slurries (Abrasive)	Not Used	Not Used
Slurries (Fibrous)	Not Used	Not Used
High Pressure Steam (+150lbs.)	Not Used	Not Used
Low Pressure Steam	Not Used	Not Used
Gasses (Clean)	Not Used	Not Used
Gasses (Dirty)	Not Used	Not Used
Gasses (Corrosive)	Not Used	Not Used
Dry Materials	Not Used	Not Used
High Flow Capacity	Typical Application	Typical Application
Low Head Loss (Wide Open)	Typical Application	Typical Application
Low Torque/Thrust	Typical Application	Typical Application
High Temp., 800°F+ (425°C+)	Not Used	Not Used
Cryogenic	Not Used	Not Used
Erosion Resistance	Typical Application	Typical Application