



OIL & GAS

INDUSTRIAL VALVES, ACTUATORS & ACCESORIES

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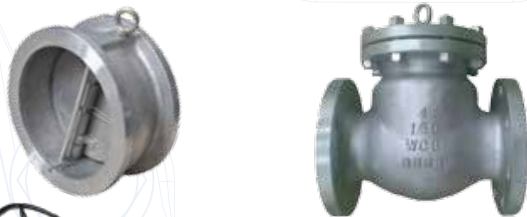
FORGED STEEL	Design Standard	Pressure Rating	Size Range
Ball Valves	API 6D / BS EN ISO 17292	Class 150 - 2500 / Class 800	½" - 2"
Gate Valves	API 602 / BS EN ISO 15761		
Globe Valves			
Check Valves			



BALL VALVES	Design Standard	Pressure Rating	Size Range
Floating Type	API 6D / API 608 / BS EN ISO 17292	Class 150 - 600	½" - 12"
Trunnion Mounted	API 6D	Class 150 - 2500	2" - 60"
Top Entry	API 6D / ASME B16.34 / ISO 14313	Class 150 - 1500	2" - 48"
Rising Stem	API 6D / ASME B16.34	Class 150 - 900	2" - 24"



CHECK VALVES	Design Standard	Pressure Rating	Size Range
Dual Flap Type	API 6D / API 594 ASME B16.34 / BS 1868	Class 150 - 900	2" - 24"
Swing Type	API 6D / ASME B16.34 / BS 1868	Class 150 - 2500	2" - 32"
Wafer Lift Type	API 6D / API 594 ASME B16.34 / BS 1868	Class 150 - 900	2" - 12"



GATE VALVES / SLAB GATE VALVES	
Design Standard	API 600 / API 6D / ASME B16.34
Pressure Rating	Class 150 - 2500
Size Range	2" - 48"

TRIPLE OFFSET BUTTERFLY VALVES	
Design Standard	API 609 / BS EN 593
Pressure Rating	Class 150 - 600
Size Range	2" - 72"

GLOBE VALVES	
Design Standard	API 623 / BS EN 13709 / ASME B16.34 / BS 1873
Pressure Rating	Class 150 - 2500
Size Range	2" - 18"

PLUG VALVES	
Design Standard	API 6D / API 599
Pressure Rating	Class 150 - 900
Size Range	2" - 18"



✦ For additional options and details, please contact us.

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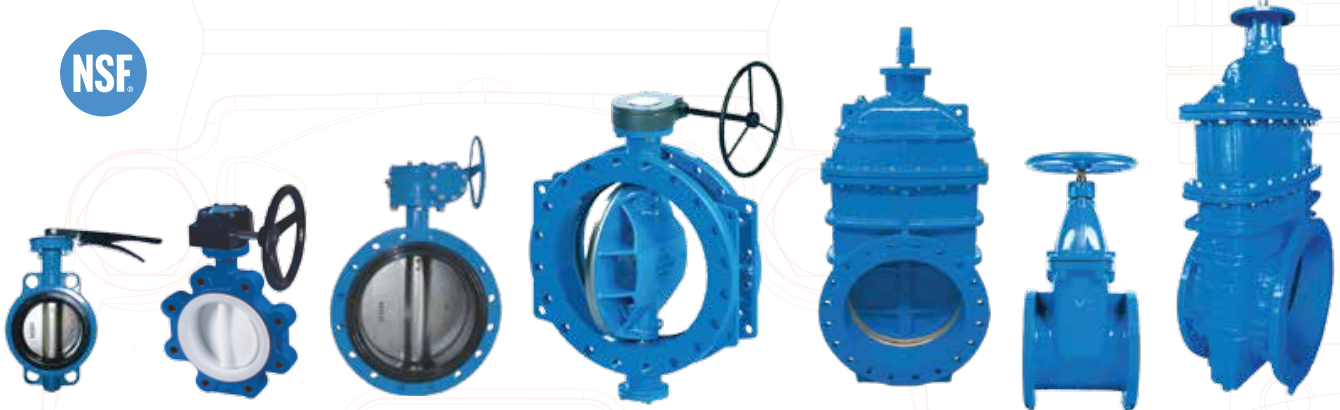
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BUTTERFLY VALVES	Resilient Seated	AWWA C504	PTFE Lined
Design Standard	API 609 / BS 5155 / EN 593	AWWA C504 / API 609 / MSS SP 67	API 609 / BS 5155 / EN 593
Pressure Rating	Class 150 / PN10 / PN16	150 / 250 psi	Class 150 / PN10 / PN16
Size Range	1 1/2" - 48"	2" - 72"	2" - 24"

GATE VALVES	Metal Seated	Resilient Seated
Design Standard	AWWA C500 / MSS SP-70	AWWA C509 / C515
Pressure Rating	200 psi	
Size Range	2" - 24"	2" - 72"



CHECK VALVES	Swing Type Swing Type w/ L&W	Rubber Disc Type	Ball Check Type	Dual Flap Type	Silent Type
Design Standard	AWWA C508 / MSS SP-71	AWWA C508	-	AWWA C518 / API 6D	-
Pressure Rating	200 psi		200 psi	Class 125 - 250	200 / 400 psi
Size Range	2" - 24"				

AIR RELEASE VALVES	Combination	Sewage	Single Orifice
Design Standard	AWWA C512		-
Pressure Rating	200 / 300 psi	200 psi	200 / 300 psi
Size Range	2" - 12"	2" - 8"	1/2" - 1"



CONTROL VALVES	Hydraulic Control Valve
Design Standard	BS EN 1074-5
Pressure Rating	Class 150 / PN10 / PN16 / PN25
Size Range	2" - 28"

PLUG VALVES	Rectangular Type	Circular Type
Design Standard	AWWA C517 / MSS SP-108	
Pressure Rating	175 / 250 psi	
Size Range	2" - 24"	

KNIFE GATE VALVES	High Performance Knife Gate Valve
Design Standard	MSS SP-81
Pressure Rating	150 psi
Size Range	2" - 48"



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BUTTERFLY VALVES	Resilient Seated	PTFE Lined
Design Standard	API 609 / BS 5155 / EN 593	API 609
End Connection	Wafer / Lug / Flanged / Groove	
Pressure Rating	Class 150 - 250 / PN10 / PN16	Class 150
Size Range	3" - 72"	2" - 24"

KNIFE GATE VALVES	High Performance Type	Slurry Type	Square Type	Through Conduit Type
Design Standard	MSS SP-81			
Pressure Rating	150 psi / 100 psi			
Size Range	2" - 72"	2" - 48"	2" - 24"	3" - 24"



STAINLESS STEEL VALVES	Ball Valves	Gate Valves	Globe Valves	Check Valves
Design	API 6D / API 608	API 600 / API 603	API 623 / BS 1873	API 6D / BS 1868
Pressure Rating	1000 psi - 3000 psi			
Size Range	¼" - 4"			

FOOT VALVES	
Pressure Rating	200 psi
Size Range	1 ½" - 24"

DISMANTLING JOINTS	
Pressure Rating	PN10 / PN16 / PN25
Size Range	2" - 104"

EXPANSION JOINTS	
Pressure Rating	150 - 250 psi
Size Range	2" - 12"



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ACTUATION

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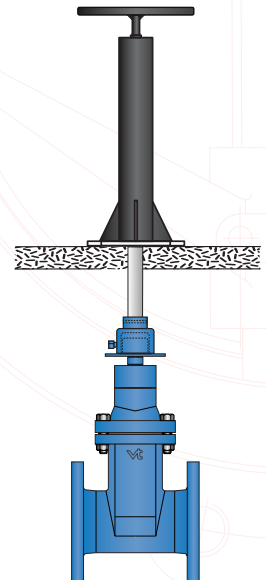
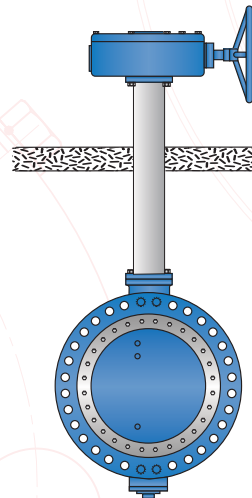
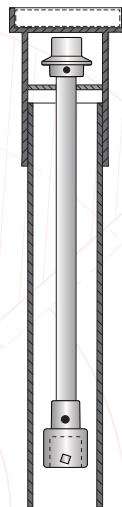
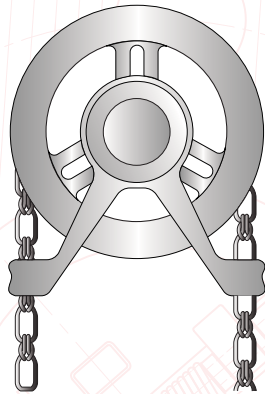
PNEUMATIC ACTUATOR	Torque Output (N.m)		Temperature Range	ELECTRICAL ACTUATOR	Torque Output (N.m)	Enclosure	Temperature Range	Certifications		
	Minimum	Maximum						CS	CE	Ex
Rack & Pinions	9.8	120,000	-15°C ~ +150°C	Quarter Turn	65 - 4500	NEMA 4X Explosion Proof	-30°C ~ +65°C	✓	✓	✓
4x4 Compact	26	590	-20°C ~ +120°C	Spring Return	50 - 260		-30°C ~ +65°C	✓	✓	✓
Scotch & Yoke	850	240,000	-20°C ~ +150°C	Multi-Turn	40 - 2500	IP67/IP68, Explosion Proof	-30°C ~ +70°C	-	✓	✓



OPERATION ACCESSORIES

A wide range of actuation solutions to fit any installation requirements.

- Chainwheel
- Extension Stem (Single Driver / Torque Tube)
- Extended Bonnet
- Floor Stand
- Valve Box



*For additional options, please contact us.

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