

xanik Pressure Seal Valves

Flexible Wedge Gate Valves
Parallel Slide Disc Gate Valves
"T" & "Y" Pattern Globe Valves
"T" & "Y" Stop Check Valves
Tilting Disc Check Valves
"T" & "Y" Pattern Lift Check Valves

Sizes: 2" thru 24"

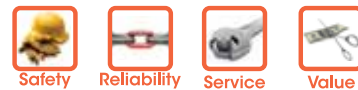
Classes: 600 thru 4500

Materials: WCB, WC6, WC9, C12A, CF8M



Quick Deliveries Available

xanik Pressure seal valves are installed in a wide variety of services demanding high pressure/temperature applications like: main steam, reheat, feed water, catalytic reforming, as well as other applications in power, refining, petrochemical, and other process industries.



The main design features of xanik Pressure Seal Valves are:

- Versatile Adapting Yoke with accessible bolts and nuts for easy maintenance.
- Detachable Yoke does not affect the body bonnet Joint
- Integral "T" head stem construction for packing and wedge auto alignment
- Self-Aligning two-piece packing gland
- Flexible Graphite Packing with anti-extrusion rings for optimum sealability and life
- Optional Live Load eliminates the potential for gasket leakage
- Seal Gasket, Load Ring withstands upward thrust of bonnet load; backing ring distributes pressure uniformly to load ring; metallic silver plated seal gasket provides tight closure
- Stellite Hardfaced integral backseat
- Flexible Wedge and fully guided wedge and seats are hardfaced with Stellite 6 or Tribaloy T-900

Available Options

Configurations: Gates in Flexible Wedge or Parallel Slide discs | "T" & "Y" Pattern Globe & Stop Check | Tilting Disc Check Valves | "T" & "Y" Pattern Lift Check

Sizes: 2" thru 24"

Pressure: 600 thru 4500

End Connections: Flanged Raised Face | Flanged RTJ | Flanged Flat Face | Butt Weld | Socket Weld | Threaded | Socket Weld x Threaded | Threaded x Socket Weld

Disc or Wedge: Flexible Wedge | Solid Wedge | Parallel Slide Discs Spring Loaded | Guided Plug Disc (Globe) | Tilting Disc | Piston Disc (Stop or Lift Check) | Swing Check Disc (Swing Check)

Operation: Handwheel | Impact Handwheel | Chain Wheel | Enclosed Bevel Gear | Bevel Gear with Impact Handwheel | Bevel Gear with Nut for Air Gun | Bevel Gear with Chain Wheel | Electric Motor Actuator | Pneumatic Cylinder Linear Actuator | Diaphragm Pneumatic Linear Actuator | Hydraulic Cylinder Linear Actuator | Check with outside Snubber (Damped Check) | Bare Stem (for Customer Actuator Installation)

Materials of Construction (gate valve shown)

Other Material Options are Available

No	Description	Carbon Steel	1 1/4 Chrome	2 1/4 Chrome	9Cr-1Mo-V	316 Stainless
1	BODY	ASTM A-216 GR WCB	ASTM A-217 GR WCB	ASTM A-217 GR WCB	ASTM A-217 GR C12A	ASTM A-351 GR CF8M
2	BONNET	ASTM A-216 GR WCB OR ASTM A192	ASTM A-217 GR WCB OR ASTM A182 GR F11	ASTM A-217 GR WCB OR ASTM A182 GR F22	ASTM A-217 GR C12 A OR ASTM A182 GR F91	ASTM A-351 GR CF8M OR ASTM A182 GR F316
3	WEDGE ASTM	A-216 GR WCB WCB-CI-W OVERLAY (1)	ASTM A-217 GR WCB WCB-CI-W OVERLAY (1)	ASTM A-217 GR WCB WCB-CI-W OVERLAY (1)	ASTM A-351 GR CF8M WCB-CI-W OVERLAY (1)	ASTM A-351 GR CF8M WCB-CI-W OVERLAY (1)
4	STEM	ASTM A-182 GR F8A CL2 (2)	ASTM A-182 GR F8A CL2 (2)	ASTM A-182 GR F8A CL2 (2)	ASTM A-182 GR F8A CL2 (2)	ASTM A-351 GR F90
5	SEAT RING	ASTM A-216 GR WCB WCB-CI-W OVERLAY (1)	ASTM A-217 GR WCB WCB-CI-W OVERLAY (1)	ASTM A-217 GR WCB WCB-CI-W OVERLAY (1)	ASTM A-351 GR CF8M WCB-CI-W OVERLAY (1)	ASTM A-351 GR CF8M WCB-CI-W OVERLAY (1)
6	GASKET	MILD STEEL 100 HB SILVER PLATED (3)	MILD STEEL 100 HB SILVER PLATED (3)	MILD STEEL 100 HB SILVER PLATED (3)	MILD STEEL 100HB SILVER PLATED (3)	ASTM A-182 GR F16 SILVER PLATED (3)
7	THRUST RING	AISI 4340	AISI 4340	AISI 4340	AISI 4340	AISI 4340
8	SEGMENT RING	AISI 4340	AISI 4340	AISI 4340	AISI 4340	AISI 4340
9	BODY RING	309 Stainless Steel	309 Stainless Steel	309 Stainless Steel	309 Stainless Steel	309 Stainless Steel
10	BONNET RETAINER	ASTM A-515 GR 70	ASTM A-515 GR 70	ASTM A-515 GR 70	ASTM A-515 GR 70	ASTM A-515 GR 70
11	PACKING	FLEXIBLE GRAPHITE JOHN CRANE 237 INTERMEDIATE RINGS WITH JOHN CRANE 1625 GF ANTI-EXTRUSION RINGS IN TOP & BOTTOM				
12	GLAND	ASTM A-276 GR 410	ASTM A-276 GR 410	ASTM A-276 GR 410	ASTM A-276 GR 410	ASTM A-276 GR 316
13	GLAND FLANGE	ASTM A-216 GR WCB	ASTM A-216 GR WCB	ASTM A-216 GR WCB	ASTM A-216 GR WCB	ASTM A-240 GR 304
14	GLAND STUD	ASTM A-193 GR B7	ASTM A-193 GR B7	ASTM A-193 GR B7	ASTM A-193 GR B7	ASTM A-193 GR B7
15	GLAND NUT	ASTM A-194 GR 2H	ASTM A-194 GR 2H	ASTM A-194 GR 2H	ASTM A-194 GR 2H	ASTM A-194 GR 2
16	BONNET BACK SEAT	INTEGRAL STellite BACK SEAT				
17	BONNET STUDS	ASTM A-193 GR B7	ASTM A-193 GR B7	ASTM A-193 GR B7	ASTM A-193 GR B7	ASTM A-193 GR B7
18	STUD NUTS	ASTM A-194 GR 2H	ASTM A-194 GR 2H	ASTM A-194 GR 2H	ASTM A-194 GR 2H	ASTM A-194 GR 2H
19	STEM NUT	ASTM B-148 C95600	ASTM B-148 C95600	ASTM B-148 C95600	ASTM B-148 C95600	ASTM B-148 C95600
20	BEARINGS	ALLOY STEEL (MPG-STD)	ALLOY STEEL (MPG-STD)	ALLOY STEEL (MPG-STD)	ALLOY STEEL (MPG-STD)	ALLOY STEEL (MPG-STD)
21	BEARING CAP	ASTM A-515 GR 70	ASTM A-515 GR 70	ASTM A-515 GR 70	ASTM A-515 GR 70	ASTM A-515 GR 70
22	YOKES	ASTM A-216 GR WCB	ASTM A-216 GR WCB	ASTM A-216 GR WCB	ASTM A-216 GR WCB	ASTM A-216 GR WCB
23	BEARING CAP STUD	ASTM A-193 GR B7	ASTM A-193 GR B7	ASTM A-193 GR B7	ASTM A-193 GR B7	ASTM A-193 GR B7
24	BEARING CAP STUD NUT	ASTM A-194 GR 2H	ASTM A-194 GR 2H	ASTM A-194 GR 2H	ASTM A-194 GR 2H	ASTM A-194 GR 2H
25	YOKES BOLT	ASTM A-193 GR B7	ASTM A-193 GR B7	ASTM A-193 GR B7	ASTM A-193 GR B7	ASTM A-193 GR B7
26	HANDWHEEL	ASTM A-536 GR 85-45-12	ASTM A-536 GR 85-45-12	ASTM A-536 GR 85-45-12	ASTM A-536 GR 85-45-12	ASTM A-536 GR 85-45-12
27	HANDWHEEL NUT	ASTM A-515 GR 70	ASTM A-515 GR 70	ASTM A-515 GR 70	ASTM A-515 GR 70	ASTM A-515 GR 70
28	DISCS	ASTM A-515 GR 70 WCB-CI-W OVERLAY (1)	ASTM A182 GR F11 WCB-CI-W OVERLAY (1)	ASTM A182 GR F22 WCB-CI-W OVERLAY (1)	ASTM A182 GR F316 WCB-CI-W OVERLAY (1)	ASTM A182 GR F316 WCB-CI-W OVERLAY (1)
29	CARRIERS	ASTM A-515 GR 70	ASTM A-515 GR 70	ASTM A-515 GR 70	ASTM A-515 GR 70	ASTM A-340 GR 316
30	SPRINGS	INCOEL X-750	INCOEL X-750	INCOEL X-750	INCOEL X-750	INCOEL X-750

