



ProFlow Valves

"Engineering flow with precision – the heart of every valve we create."



GSTIN: 27CMXP4423K1ZC

Website: www.proflowvalves.com

Welcome to Our World of ProFlow Valves

Welcome to **ProFlow Valves** your premier destination for top-quality valves. With a legacy of innovation, we specialize in delivering precision-engineered solutions for diverse industries worldwide. Backed by expert engineering and unparalleled customer service, we ensure reliability and efficiency in every flow. Experience excellence with **ProFlow Valves**.



➔ Forged Steel Gate / Globe / NRV

Design Features:

- 1) Manufacturing Standards–BS-5352/API-602 (Reduced Bore)
- 2) Socket Weld End As per ANSI B16.11
- 3) Screwed as per ANSI B 2.1
- 4) Testing Standard as per BS 6755 PARI/API 598
- 5) Also Available full bore upto Size 40NB
- 6) Trim Stellite for 1500# & 2500#
- 7) Welded Bonnet/Locking Arrangement are optional.

Material Of Construction: ASTM A 105/F11/F22, ASTM A 182 F304/316, Alloy Steel.

Pressure Rating: Class 800/1500/2500

Size Available: 15NB To 50NB



➔ Cast Steel / Cast Iron Gate Valve



Design Features:

- 1) Manufacturing Standard – API-600/BS:1414/API 6D/BS:5150/BS:5163/DIN3352 part 4
- 2) Face to face as per ANSI B16.10/BS:5150/BS:5163/ class-125/DIN 2532/DIN 2533
- 3) Ends- Flanged and Drilled as per ANSI B16.5 /ANSI B 16.1, class-125/BS 450 PN-16 /DIN 2532/DIN 2533 RF Butt-welding ends AS per ANSI B16.25
- 4) Class 300 and Above shall have circular body-Bonnet flange
- 5) Testing standard : API-598/BS 6755 Part I/DIN 3230/ISO 5208
- 6) Gear Operated, Actuator Operator Optional
- 7) By- pass & Body Bleed Arrangement optional.

Material of Construction: Carbon Steel (ASTM A 216 Gr.WCB) Cast iron (ASTM A 216 Cl. B) /CF8/CF8M(304,316) Alloy Steel/WC6/WC9/CF3/CF3M.

Pressure Rating: Class 150/300/600/900/1500/2500/PN10/PN16

Size Available: 2" to 48"

➔ Cast Steel / Cast Iron Globe Valve

Design Features:

- 1) Manufacturing Standard – BS:1873/ANSI B16.34/BS:5152/BS:5153
- 2) Face to face as per ANSI B16.10/Class-125/BS:5152
- 3) Ends- Flanged and Drilled as per ANSI B16.5 RF/ Butt-welding ends AS per ANSI B16.25
- 4) Class 300 and Above shall have circular body-Bonnet flange
- 5) Testing standard : API-598/BS 6755 Part I
- 6) Gear operated, Actuator operator optional
- 7) By- pass & Body bleed Arrangement optional.
- 8) Bellow seal Arrangement on request.

Material of Construction: Carbon Steel (ASTM A 216 Gr.WCB) Cast iron (ASTM A 216 Cl. B)/CF8/CF8M(304,316) Alloy steel/WC6/WC9/CF3/CF3M.

Pressure Rating: Class 150/300/600/900/1500/2500/PN10/PN16

Size Available: 2" to 48"



➔ Flush Bottom Valve Y Type & Ball Type



Design Features:

- 1) ASME B16.34 & SFS EN 12516
- 2) Testing Standard : ANSI / FCI 70-2
- 3) Face to Face : As per manufactures standards
- 4) Flange Fitting : ANSI B16.5, 150#, 300# & 600#

Material of Construction: Carbon Steel WCB MS Fabricated /CF8 (304) CF8M(316)

Pressure Rating: Class 150/300

Size Available: 2" To 10"

➔ Cast Steel / Cast Iron Swing Check Valve

Design Features:

- 1) Manufacturing Standard –BS:1868/API-6D/BS:5153
- 2) Face to face as per ANSI B16.10 /Class 125/BS:5253
- 3) Ends- Flanged and Drilled as per ANSI B16.5 RF /ANSI B 16.1/class 125/DIN PN-16
- 4) Butt-welding ends AS per ANSI B16.25
- 5) Class 300 and Above shall have circular body-Bonnet flange
- 6) Testing standard : API-598/BS 6755 Part- I
- 7) NON slam/Dash-pot/Bypass Arrangement also Available.

Material of Construction: Carbon Steel (ASTM A 216 Gr.WCB) Cast iron (ASTM A 216 Cl. B)/Stainless Steel CF8/CF8M (304,316) Alloy Steel/WC6/WC9/CF3/CF3M.

Pressure Rating: Class 150/300/600/PN-10/PN-16

Size Available: 2" to 48"



➔ Dual / Single Plate Wafer type check valve



Design Features:

- 1) Manufacturing Standard API 594/API 6D
- 2) Face to face as per API 594/API 6D
- 3) Suitable in between ANSI B16.5 Flanges
- 4) Test as per BS 6755 Part I
- 5) Metal to Metal seat optional

Material of Construction: Cast iron (ASTM A 126 CL B) Carbon Steel (WCB/A-105) Stainless Steel 304/316 (CF8/CF8M)

Pressure Rating: Class 150/300/600

Size available: 2" to 24"

→ Butterfly Valve



Design Features:

- 1) Manufacturing Standard –AWWA C 504/BS 5155
- 2) Ends Flanged & Drilled as per ASME B 16.5, Class-150, R.F.
- 3) Testing as per BS:6755 part-1
- 4) Can be provide with gear, Limit Switches, Pneumatic Single/Double Acting Cylinder, Actuators
- 5) Lug type design on request

Material of Construction: Cast iron, Carbon Steel, Stainless Steel (CF8/CF8M)

Pressure Rating: Class PN10/PN16

Size available: 1 ½" to 48"

→ Control Valve & Pressure Reducing Valve

Design Features:

- 1) Manufacturing Standard –ANSI B16.34 /DIN 3230
- 2) Face to face as per DIN 3230
- 3) Ends- Flanged and Drilled as per ANSI B16.5 RF, Butt-welding ends AS per ANSI B16.25, DIN 323

Material of Construction: Carbon Steel (ASTM A216 Gr.WCB) Cast iron (ASTM A 216 Cl. B) Stainless Steel (CF8/CF8M/CF3/CF3M) Alloy Steel (WC6/WC9)

Pressure Rating: 150 /300/600, EN 1092 PN 10 to PN 100

Size available: ½" to 16"



→ Knife Gate valve



Design Features:

- 1) Manufacturing Standard –MSS SP 81
- 2) Face to face as per –MSS SP 81
- 3) Ends- Flanged and Drilled as per ANSI B16.5 RF
- 4) Testing Standard : MSS SP 81

Material of Construction: Cast Iron, MS /SS Fabricated Carbon steel (ASTM A216 Gr.WCB) Stainless Steel (CF8/CF8M/CF3/CF3M) Alloy steel (WC6/WC9)

Pressure Rating: 150/300

Size available: 2" to 36"

→ Plug valve

Design Features:

- 1) Manufacturing Standard – API 599/API 6D
- 2) Face to face as per ANSI B16.10, Short Pattern
- 3) Ends- Flanged and Drilled as per ASME B16.5 RF
- 4) Tested As per BS: 6755 Part-1
- 5) Standard plug/pressure Balanced inverted plug
- 6) Also Available in class 1500, 2500

Material of Construction: Cast iron (ASTM A 126 CL B)
Carbon Steel (ASTM A 216 Gr. WCB) Stainless Steel
(CF8/CF8M/CF3/CF3M) Alloy steel
Pressure Rating: 150/300/600/900
Size available: 1/2" to 18"



→ Ball Valve

Design Features:

- 1) Manufacturing Standard – BS:5351/API 6D
- 2) Face to Face as per ANSI B16.10
- 3) Ends- Flanged and Drilled as per ASME B16.5 RF
- 4) Tested As per BS: 6755 Pat-1
- 5) Fire safe to API 607 / API 6 FA/BS 6755
- 6) Locking Arrangement optional
- 7) Optional gear, Electric Actuator or Pneumatic Actuator
- 8) Metal to Metal seating optional
- 9) Anti Static Device Optional
- 10) Reduce Bore Valves Available
- 11) Butt welding ends with extended pipe o request
- 12) Peak seat on request
- 13) Available in class 900# & 1500#
- 14) Available in Trunion Mounted design

Material of Construction: Cast iron (ASTM A 216 Cl. B)/ Carbon Steel (ASTM A 216 Gr. WCB)A105 / Gun metal/ investment casting
Stainless Steel (CF8,CF8M)304/316
Pressure Rating:
CS:150/300/600/Forged:800/1500/2500
Size available: 1/2" to 24"



→ Safety Relief Valve

Design Features:

- 1) Manufacturing Standard – API 526
- 2) Ends- Flanged and Drilled as per ASME B16.5 RF
- 3) Body Hydrostatic Test pressure – twice the set pressure
- 4) Set pressure Range 1 Bar To 100 Bar
- 5) Test as per ASME code section VIII Division 1.
- 6) Packed lever and tested Tag optional
- 7) Balanced Bellows with Auxiliary Balancing piston on request
- 8) Large orifice valves available
- 9) Steam Jacketed optional
- 10) Soft seated valves are Available for low temperature and critical service
- 11) Test Tag on request
- 12) Packed Lifting Lever on request
- 13) Packed Lifting lever with Test tag on Request
- 14) Commercial seat tightness procedure as per AP 527
- 15) For high pressure nominal bore will be reduce bore
- 16) Ends screwed NPT/BSPT/API 5B

Material of Construction: Cast iron (ASTM A 126 CL B) Carbon Steel (WCB/A-105) Stainless Steel CF8/CF8M) 304, 316/Alloy steel WC6, WC9, Alloy Stainless Steel CF3, CF3M
Pressure Rating: Set Pressure 0.3kg/cm² to 300kg/cm², Low set pressure Limits for safety relief valve: 0.35,1.75
Size available: ½" To 12"



→ Stariner T/Y Type

Design Features:

- 1) Working pressure 0 to 800 psi
- 2) Socket weld end as per ANSI B16.11 / End flanged & Drilled as per ANSI B 16.5 R.F.
- 3) Screwed end as per ANSI B2.1

Material of Construction: Cast iron (ASTM A 126 CL B) Carbon Steel (WCB/A-105) Stainless Steel (CF8/CF8M) 304, 316 /Alloy steel WC6, WC9, Alloy Stainless Steel CF3, CF3M
Pressure Rating: Class 150/300
Size available: ½" To 14"



→ Flanges & Fittings



Design Features:

Flanges: (ASME/ANSI Standard B16.5) and the ASTM Specification A-105, Class 150 Series A ASME B16.47, Class 150 Series B ASME B16.47, ANSI B16.21, ANSI B16.36/BS-10 ASA, ISS&DIN / Tee, Reducer & Elbow: ASTM A 234 B 16.9 (A-106), ASTM A- 105 B-16.11/BS-6149, /5410, 4310, 1387/BS-1640/As per IS-1879, ISS 1538

Material of Construction: Cast iron (ASTM A 126 CL B) Carbon Steel (WCB/A-105) Stainless Steel (CF8/CF8M) 304, 316 /Alloy Steel WC6, WC9, Alloy Stainless Steel CF3, CF3M

Pressure Rating: 150/300/600/900/1500/2500/3000/sch:10 tosch:160 **Size available:** ½" To 48"



PROFLOW VALVES

Modern Industrial Bookshelf

"Flowing innovation, sealing excellence. At **ProFlow Valves**, we don't just manufacture valves; we engineer solutions. From precision control to unstoppable reliability, our valves redefine industry standards. Join us as we channel the flow of progress, empowering industries worldwide with the perfect blend of technology, craftsmanship, and unwavering dedication."





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