

Habonim High Performance Ball Valves



Cryogenic Ball Valves



-269°C

Metal Seated Ball valves

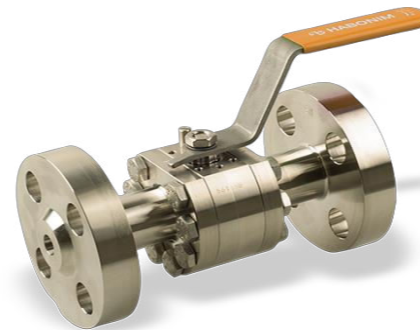


650°C

Z & T series	
Size	1/4" - 8"
Connections	Flanged, welded
Operation	Hand, pneumatic, electric
Body material	Stainless steel, alloys
Seats	Stainless steel, alloys
Stem sealing	HermetiX™
Hardening	LTPN, Cr ₃ C ₂ , WC-Co, Stellite 6
Temp. Ranges	-60°C - +400°C -60°C - +538°C -60°C - +650°C
Pressure range	10 ⁻⁶ Tor - 414 bar
Design	ANSI B16.34, ISO 17292 API 608, API 6/D, API 607 NACE MR-0175 EN 12266-1, API 598
Certifications	PED 2014/68/EU mod. H ATEX 94/9/EC, Fire Safe IEC 61508-2 SIL 2/3

C-series	
Size	1/4" - 8"
Connections	Flanged, welded, threaded
Operation	Hand, pneumatic, electric
Body material	Stainless steel, alloys
Seats	CF PTFE, TFM, PCTFE
Stem sealing	HermetiX™
Temp. Range	-269°C - +200°C
Pressure range	10 ⁻⁶ Tor - 414 bar
Bonnet length	6", 12"
Design	ANSI B16.34, ISO 17292 API 608, API 6/D, API 607 BS 6364, EN 12567 BS ISO 21011 & BS EN 1626
Certifications	PED 2014/68/EU mod. H ATEX 94/9/EC, Fire Safe IEC 61508-2 SIL 2/3
Specials	Double Block & Bleed

High Pressure Ball Valves



414 bar

26, 27 & 28 series	
Size	1/4" - 8"
Connections	Flanged, welded, threaded
Operation	Hand, pneumatic, electric
Body material	Stainless steel, CS, alloys
Seats	Delrin, PEEK, PVDF, PCTFE
Stem sealing	NBR, Viton, PTFE, Graphite
Temp. Ranges	-60°C - +260°C
Pressure range	Class 2500 (414 bar) Class 1500 (250 bar) Class 600 (100 bar)
26 series	Class 600 (100 bar)
Design	ANSI B16.34, ISO 17292 API 6/D, API 607 NACE MR-0175, ISO 15848-1 EN 12266-1, API 598
Certifications	PED 2014/68/EU mod. H ATEX 94/9/EC, Fire Safe IEC 61508-2 SIL 2/3

Actuators	
Compact 4 piston actuator	Fastest actuator in the market, SR and DA Short strokes, less wear Corrosion resistant Less air consumption Control pressure 2 - 8 bar Spring return and double acting Many accessories available

Tubore Ball Valves



48 Clean series	
Size	1/4" - 6"
Connections	Weld ends, Tri-clamps
Operation	Hand, pneumatic, electric
Body material	316L, alloys
Seats	PTFE, TFM (FDA & USP)
Stem sealing	HermetiX™ (TFM, USP & USP)
Temp. Ranges	-60°C - +230°C
Pressure range	10 ⁻⁶ Tor - 50 bar
Surface finish	Ra 0,4 - 0,5 - 0,64µm
Optional	Purge ports
Design	ASME BPE API 607 ISO 15848-1 EN 12266-1, API 598
Certifications	PED 2014/68/EU mod. H ATEX 94/9/EC
Fire Safe	Graphite Free design

Hybrid seals	
Seals for high pressure applications	Stainless steel with PCTFE inlayer * Max pressure 414 bar * -269°C - +200°C Stainless steel with CF PTFE inlayer * Max pressure 140 bar * -200°C - +230°C Stainless steel with PEEK inlayer * Max pressure 414 bar * -40°C - +260°C

Control Ball Valves



N series	
Size	1/2" - 8"
Connections	Flanged, welded, threaded
Operation	Pneumatic
Trim	V-port, 30°, 60° & 90°
Characteristic	Equal-percentage
CV's	2.38 - 1134
Body material	Stainless steel, CS, alloys
Upstream seat	PTFE, TFM, PEEK
V-port seat	SS, CS, Alloys
Hardening	LTPN, Cr ₃ C ₂ , WC-Co, Stellite 6
Stem sealing	HermetiX™
Temp. Range	-60°C - +260°C
Pres. range	Up to 155 bar Down to 10 ⁻⁶ Tor
Optional	Anti cavitation port
Certifications	PED 2014/68/EU mod. H ATEX 94/9/EC, Fire Safe ISO 15848-1

Stem Sealing	
Standard Zero Leakage stem sealing	Named after its distinctive X-shaped geometry, the unique HermetiX™ seal is designed to provide zero stem leakage, even as the fluid pressure and side load increase, the seal dynamically adjusts to prevent fugitive the emission.
HERMETIX™	
ISO 15848-1 Certified	
Fire safe certified	

Double Block & Bleed Ball Valves



Dual-Safe series	
Size	1/4" - 8"
Connections	Flanged, welded, threaded
Operation	Hand, pneumatic, electric
Body material	Stainless steel, CS, alloys
Seats	PTFE, TFM, PEEK, UHMWPE
Stem sealing	HermetiX™
Temp. Ranges	-200°C - +260°C
Pressure range	Class 2500 (414 bar) Class 1500 (250 bar) Class 900, 600, 300 PN16, PN40
Design	ANSI B16.34, ISO 17292 API 608, API 6/D, API 607 NACE MR-0175 EN 12266-1, API 598
Certifications	PED 2014/68/EU mod. H ATEX 94/9/EC, Fire Safe IEC 61508-2 SIL 2/3