

Ceramic Series

Ceramic Valves for the Toughest Process Applications



CBV Style Ceramic Ball Valve

Ceramic Ball Valve Advantages

- Exceptional Corrosion Resistance
- Ceramics are 8 times harder than Stainless Steel
- Customizable for Flanges, Materials, V-port and Seat Configurations
- Metal Body is NON-Wetted part
- Zero Leakage capability

Typical Usage

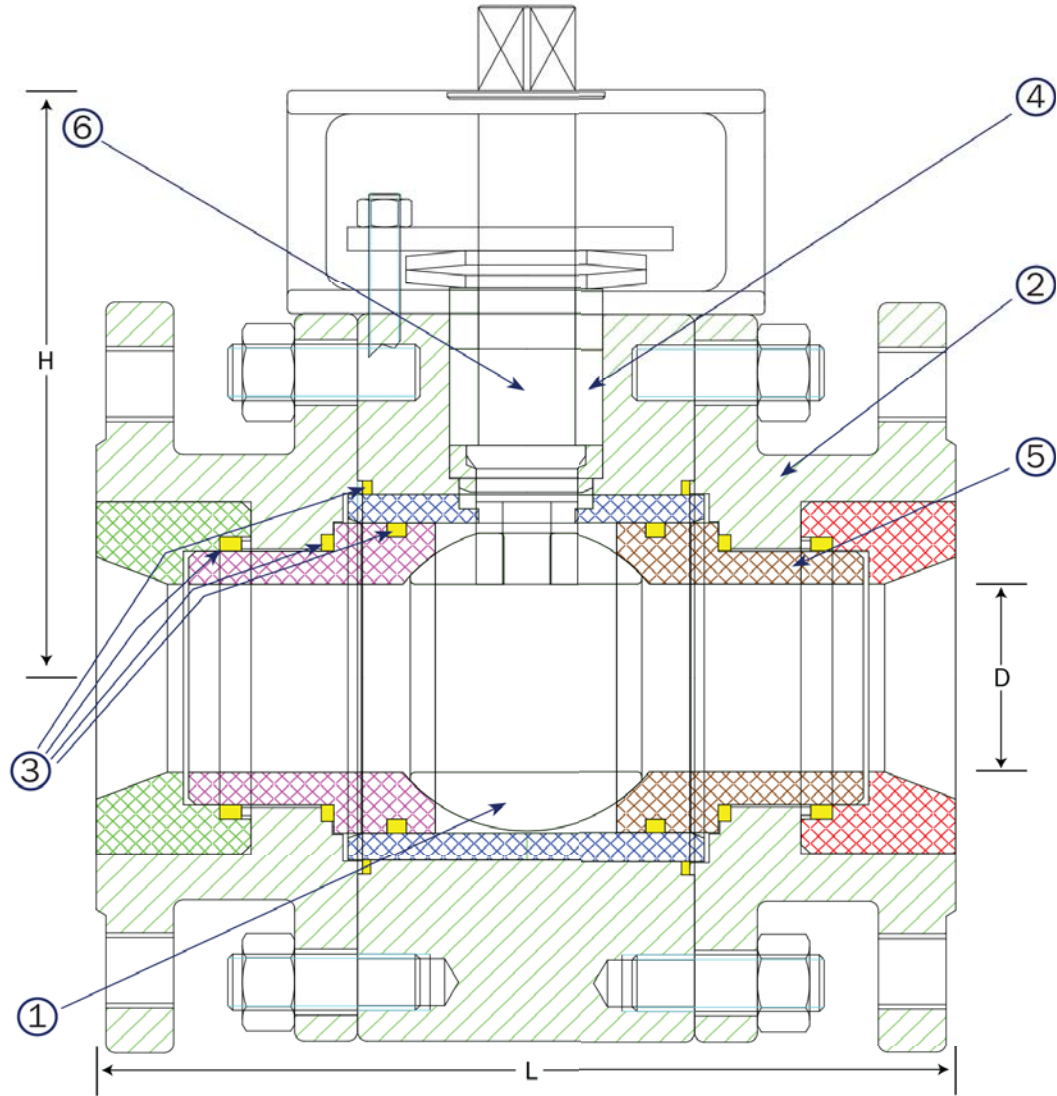
- Slurry Flow Control
- Highly Corrosive Chemicals (Oil Industry, Chemical plants, corrosive applications)
- Powder Pneumatic transport

Also available Knife Gate Ceramic lined
Sizes : 2" - 12"

Standard Valve	
Pressure Rating:	See Back of Sheet
Temperature Rating:	482° F (250°C)
Maximum Size:	12 x 8"
Extended range units available on custom basis.	

Typical Materials

1	Ball	Zirconia Ceramic
2	Body	WCB/CF8
3	O-Ring	FKM / Viton
4	Packing	Graphite / PTFE
5	Seat / Lining	Alumina Ceramic
6	Stem	Hastelloy C276



Dimensions (IN) ANSI 150

Size		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6 x 5"	8 x 6"	10 x 8"	12 x 8"
Face to Face	L	4.25	4.62	5.00	5.50	6.50	7.00	7.50	8.00	9.00	15.50	18.00	21.00	24.00
Bore	D	0.59	0.79	0.79	0.98	1.26	1.57	1.97	2.56	3.15	4.72	5.91	7.87	7.87
Height	H	3.50	3.70	3.70	4.04	4.25	5.31	5.75	6.30	7.72	9.25	10.63	12.99	13.78
Weight	lb	9.0	11.4	12.3	17.2	25.3	38.1	49.7	67.1	110.7	215.6	275.0	374.0	462.0
Full Port Cv		15	34	45	63	114	227	316	482	810	1900	2350	3870	5200
Pressure	psi	580	580	580	580	580	580	580	580	580	580	580	580	580
Temp Limit		250C / 482F	250C / 482F	250C / 482F	250C / 482F	250C / 482F	250C / 482F	250C / 482F	250C / 482F	250C / 482F	250C / 482F	250C / 482F	250C / 482F	250C / 482F