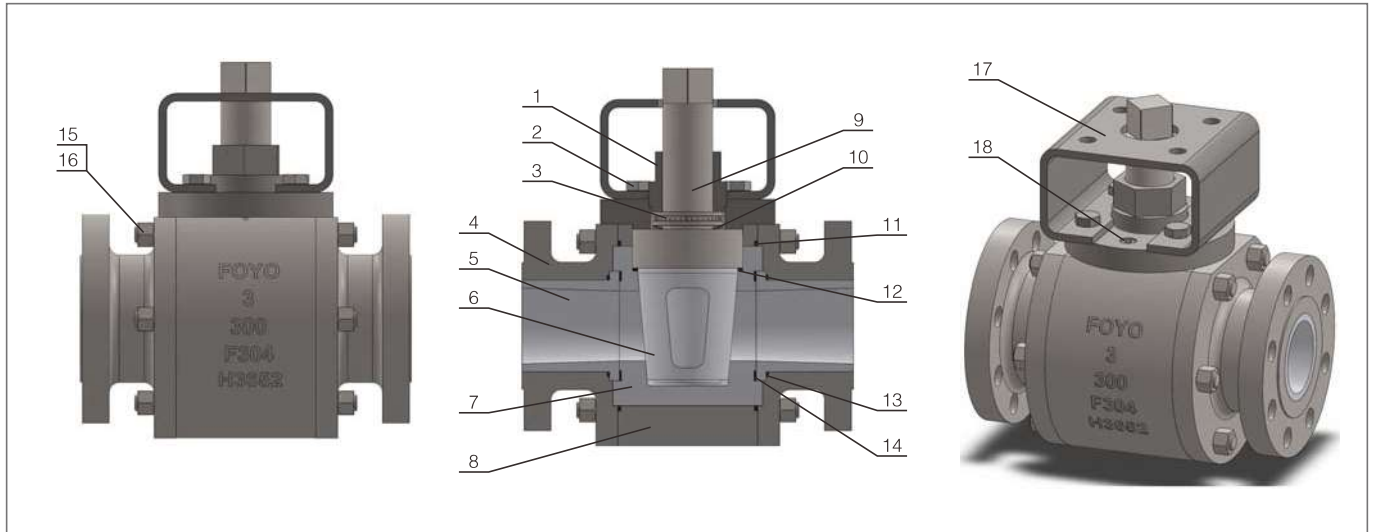


Ceramic Fully Lined Plug Valve

Technical Description



Parts List

Item	Part Name	Material	
1	Adjusting Ring	ASTM A182 F304	ASTM A182 F316
2	Bolt(Yoke)	ASTM A193 B7	ASTM A193 B8
3	Thrust Bearing	SS304	SS316
4	Adapter	ASTM A105	ASTM A182 F304
5	Adapter Lining	Al2O3 Ceramics/ZrO2 Ceramics	Al2O3 Ceramics/ZrO2 Ceramics
6	Plug	Al2O3 Ceramics/ZrO2 Ceramics	Al2O3 Ceramics/ZrO2 Ceramics
7	Bushing	Al2O3 Ceramics/ZrO2 Ceramics	Al2O3 Ceramics/ZrO2 Ceramics
8	Body	ASTM A105	ASTM A182 F304
9	Stem	17-4PH	17-4PH
10	Disc Spring	SS304	SS316
11	Sealing Ring	Viton	Graphite(for high temp.)
12	Sealing Ring	Viton	Graphite(for high temp.)
13	Sealing Ring	Viton	Graphite(for high temp.)
14	Sealing Ring	Viton	Graphite(for high temp.)
15	Bolt	ASTM A193 B7	ASTM A193 B8
16	Nut	ASTM A194 2H	ASTM A194 8
17	Yoke	ASTM A216 WCB	ASTM A351 CF8
18	Screw	ASTM A193 B7	ASTM A193 B8

Specification

Product type

Ceramics seated, plug valve;
Flanged type, three pieces body;
Ceramics fully lined;
No body cavity, no blocking;
Designed for extreme corrosive&abrasive slurry.

Pressure ratings

PN10,16, 40, 63, 100; ASME Class 150, 300, 600.

Size range

DN 15~200 / 1/2"~8";
Full bore or reduced bore.

Temperature range

-29 °C ~ +180 °C (Viton sealing)
+180 °C ~ +500 °C (Graphite sealing)

Valve tightness

ISO 5208 rate D
Other tightness rates upon request.

Design standards

Valve body	ASME B16.34
Face-to-Face	ASME B16.10, or on customers' request.
Valve flanges	EN 1092-1, ASME B16.5
Valve Testing	API 598