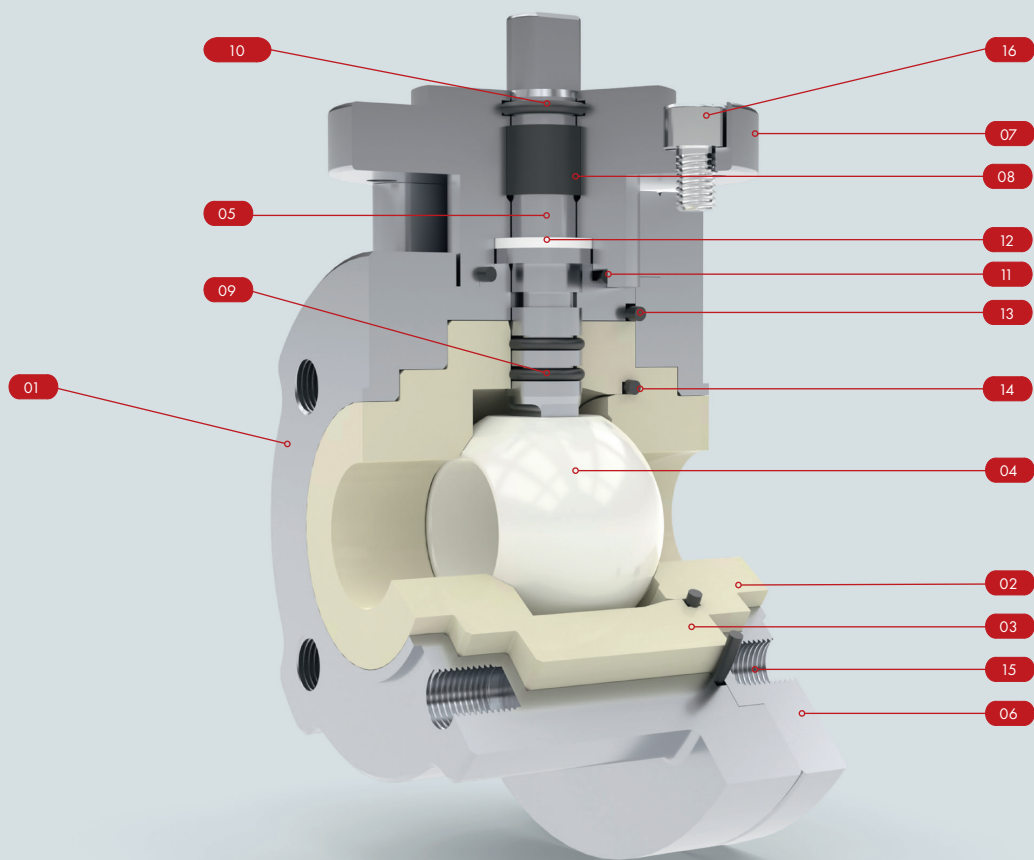




CERA SYSTEM CERAVALVE K-PERFORMANCE LINE



Pos.	Component	Material	Material options
01	body	1.4408 (CF8M)/1.4301	free choice
02	seat downstream	Al ₂ O ₃	SSiC
03	socket/seat	Al ₂ O ₃	SSiC
04	ball	ZrO ₂	Si ₃ N ₄ - WoC
05	stem/shaft	2.4605	1.4462; 17-4PH; 3.7035; 2.4816; Ta2.5W
06	flange	1.4408 (CF8M)/1.4301	free choice
07	bonnet flange	1.4408 (CF8M)/1.4301	free choice
08	bushing	Küberplast W2	DU; PTFE; Stellite6

Pos.	Component	Material	Material options
09	o-ring	Viton (FKM)	FFKM
10	o-ring	Viton (FKM)	FFKM
11	o-ring	Viton (FKM)	FFKM
12	spacer ring	PTFE	PTFE-carbon; Stellite6
13	o-ring	Viton (FKM)	FFKM
14	o-ring	Viton (FKM)	FFKM
15	cylinder screw	A2-70	A4-70; free choice
16	cylinder screw	A2-70	A4-70; free choice

CERAVALVE K-PERFORMANCE LINE

Function

The CERAVALVE K-Performance Line valve is a ceramic-lined ball valve for on/off and control applications for highly abrasive and corrosive media, preferably for suspensions. The valves are supplied with a hand lever or gear box as well as with a pneumatic, electric or hydraulic actuator. The actuator is adapted with bracket and coupling. All commercially available actuators can be used as quarterturn actuators. Special connections are possible.

Nominal size range:

Flange connections DN15 (½") up to DN100 (4")

Pressure range:

PN10 to PN 40 ANSI class 150 and 300
(additional pressure ratings upon request)

Face-To-Face lengths:

DN15	DN20	DN25	DN40	DN50	DN65	DN80	DN100
(½")	(¾")	(1")	(1½")	(2")	(2½")	(3")	(4")
71	79.5	85	111	120	140	164.5	193.5
mm	mm	mm	mm	mm	mm	mm	mm

Typical application areas:

Corrosive slurries (acids + solids in suspension, ore- leaching);
limestone- & gypsum slurries; dry-bulk material handling;
aggressive filtrate- & waste-water; HCl – scrubber water;
alternative to PTFE /PFA lined valves.

OPTIONS

pneumatic, electric, hydraulic, manual, bare shaft

Temperature range:

-50°C/-58°F to 327°C/620°F
(lower and higher temperatures available upon request)



CERA SYSTEM Verschleißschutz GmbH
Am Globus 2·
07629 Hermsdorf
Germany
Phone: +49 3 66 01 919 0
E-mail: sales-cera-de@samsongroup.com
Homepage: www.cerasystem.de