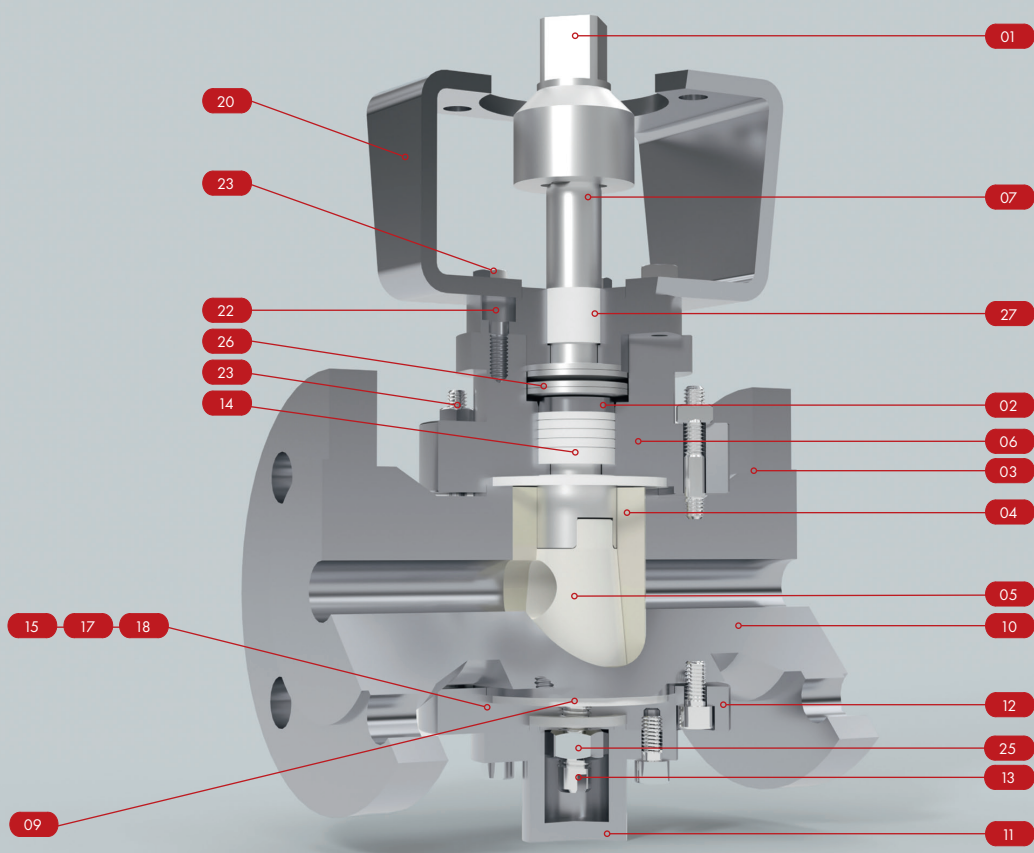




CERA SYSTEM CERAVALVE • PLUG VALVE-LIGHT



Pos.	Component	Material	Material options
01	adapter	1.4305	
02	pressure ring	1.4301	free choice
03	body	1.4408(CF8M)/1.4301	free choice
04	socket	Al ₂ O ₃	SSiC; Si ₃ N ₄ ; ZrO ₂
05	ceramic plug	ZrO ₂	Si ₃ N ₄
06	gland cover	1.4301	free choice
07	stem	1.4462	2.4605; 17-4PH; 3.7035; 2.4816; Ta2.5W
09	sliding ring	Al ₂ O ₃	SSiC; ZrO ₂
10	bonnet flange	1.4301	free choice
11	cap for thrust	1.4301	free choice
12	flange counter journal	1.4301	free choice
13	adjusting screw	1.4301	free choice
14	V-packing	PTFE	or different design

Pos.	Component	Material	Material options
15	gasket	PTFE	Graphite
16	stud bolt	A2-70	free choice
17	gasket	PTFE	Graphite
18	clamping pin	A4	free choice
19	hex nut	A4-70	free choice
20	mounting bracket	1.4301	free choice
21	spacer ring	PTFE	PTFE-carbon
22	cylinder screw	A2-70	free choice
23	hex nut	A2-70	free choice
24	cylinder screw	A2-70	free choice
25	hex nut	A2-70	free choice
26	disc spring	1.4310	free choice or different design
27	bearing bush	DU	Stellite6

CERAVALVE • PLUG VALVE-LIGHT

Function

CERAVALVE PLUG VALVE is a single-piece ceramic lined plug valve for both on/off and control applications for excessively abrasive media. The valve is free of dead spaces and best suitable for critical chemical applications.

Nominal size range:

DN15 (1/2") up to DN200 (8")

Pressure range:

PN10 to PN40, ANSI class 150 and 300

Face-To-Face lengths:

acc. to DIN/ANSI

OPTIONS

pneumatic, electric, manual, bare shaft

Temperature range:

- 50°C/- 58°F to 310°C/590°F (other temperatures available upon request)

Typical application areas:

Chemicals: Alternatives to PTFE / PFA lined plug valves when the media is abrasive

Petrochemicals: Dosing of FCC cat cracker (Al₂O₃ powder)



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