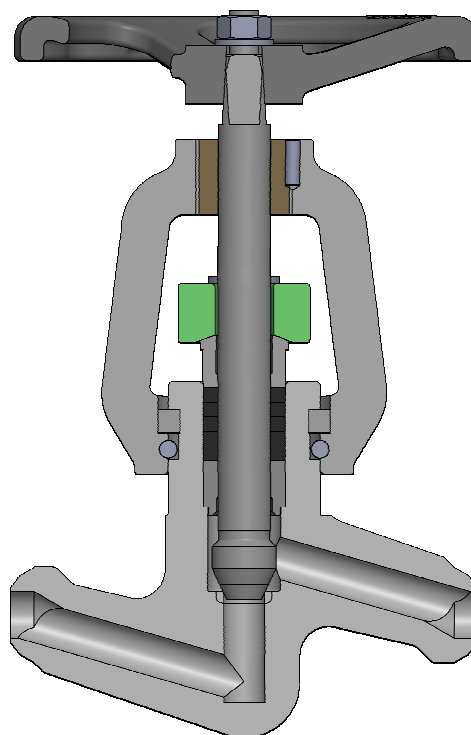


STRAIGHT PATTERN HIGH PRESSURE STOP VALVES with buttweld ends DN10 – DN20 PN630

The valves are designed for application in piping installations. They are manufactured in following versions:

- stop valves with handwheel - type **ZWZ2A** / stop valves with throttling disc - type **ZWR2A** /

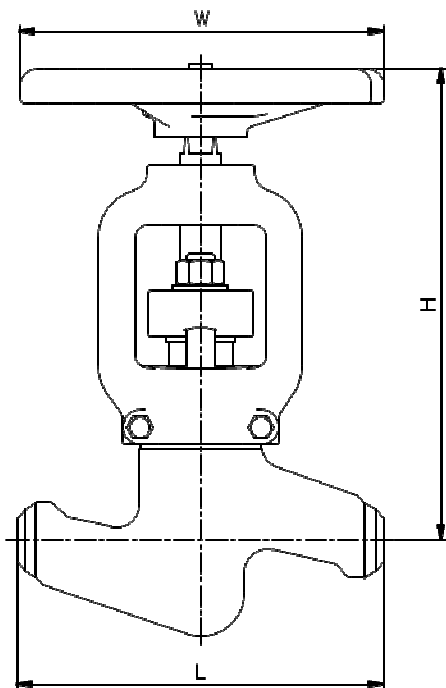


Materials

Part name	Material
Body	P250GH, 16Mo3, 13CrMo4-5, 11CrMo9-10, 14MoV6-3, X10CrMoVNb9-1
Body hardfacing	stellite
Yoke	G17CrMo9-10
Stem with disc	X22CrMoV12-1 + stellite
Stem packing	pure graphite
Gland flange	G17CrMo9-10
Gland	X20Cr13
Gland insert	X39CrMo17-1
Gland bolts	21CrMoV5-7
Gland nuts	21CrMoV5-7
Drive bush	bronze 2.0936
Handwheel	ductile iron

Material	Maximum permissible operating temperature TS, °C															
	20	200	250	300	350	400	450	460	490	500	530	550	570	590	600	650
	Maximum permissible operating pressure PS, bar															
P250GH	630	600	537	474	411	347	218									
16Mo3			630	553	522	492	476	473	360	286	144					
13CrMo4-5					630	599	567	564	513	432	246	154	104			
11CrMo9-10					630	620	588	582	483	429	286	216	162	121	108	
14MoV6-3									630	606	408	311	229			
X10CrMoVNb9-1											630	520	420	332	295	154

Dimensions and weights



DN	10	15	20
L	160	160	160
H	205	205	205
W	160	160	160
Weight /kg/	5,4	5,4	5,4

Additional information

Acceptance tests: EN 12266-1, leak tightness class – A.

Buttweld ends dimensions according to customer's requirements.

Special versions on customer's request are available.