

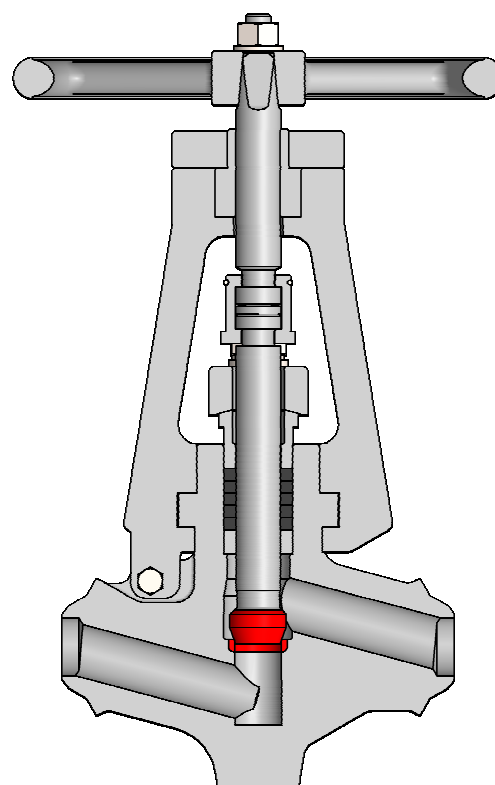
STRAIGHT PATTERN HIGH PRESSURE STOP VALVES with buttweld ends DN10 – DN50 PN630

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

- stop valves with handwheel - type **ZWZ5A** / stop valves with control disc – type **ZWR5A** /
- stop valves for actuator - type **ZWZ5B** / stop valves with control disc – type **ZWR5B** /
- stop valves for pneumatic actuator - type **ZWZ5P**

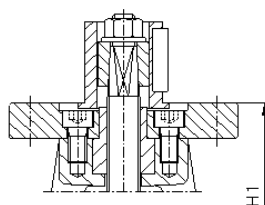
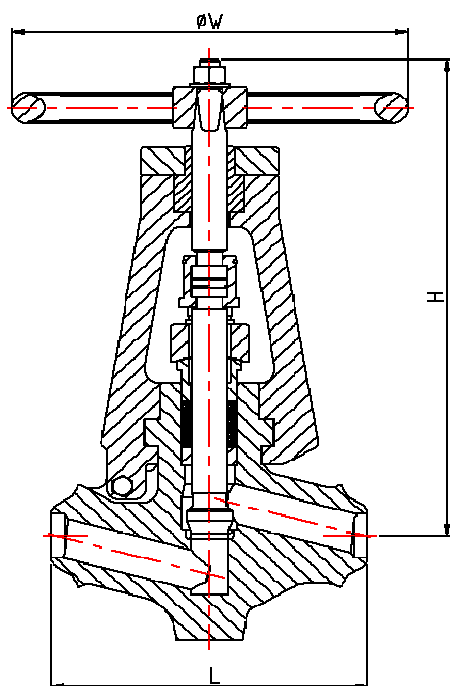
Materials

Part name	Material
Body	P250GH, 16Mo3, 13CrMo4-5, 11CrMo9-10, 14MoV6-3, X10CrMoVNb9-1
Body hardfacing	stellite
Yoke	G17CrMo9-10
Stem lower 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

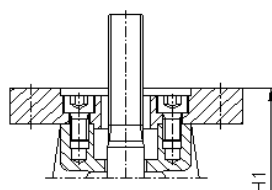


Operating data

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	562	491	475	436	251									
16Mo3	630	630	630	578	562	524	507	503	425	338	169					
13CrMo4-5	630	630	630	630	630	625	584	588	518	496	284	180	120			
11CrMo9-10	630	630	630	630	630	630	630	615	533	491	327	245	185	136	120	
14MoV6-3	630	630	630	630	630	630	630	630	630	630	479	360	262			
X10CrMoVNb9-1	630	630	630	630	630	630	630	630	630	630	630	605	545	387	344	175



Version for actuator -
connection EN ISO 5210
form B1



Version for actuator -
connection EN ISO 5210
form A

DN	10	15	20	25	32	40	50
L	160					250	
H	272					372	
H1	216					322	
W	200					320	
Weight /kg/	8,9					30	

Additional information

Products meets requirements of Directive PED: 2014/68/EU.

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.