

STRAIGHT PATTERN HIGH PRESSURE DRAIN VALVES with butt weld ends DN25 – DN50

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

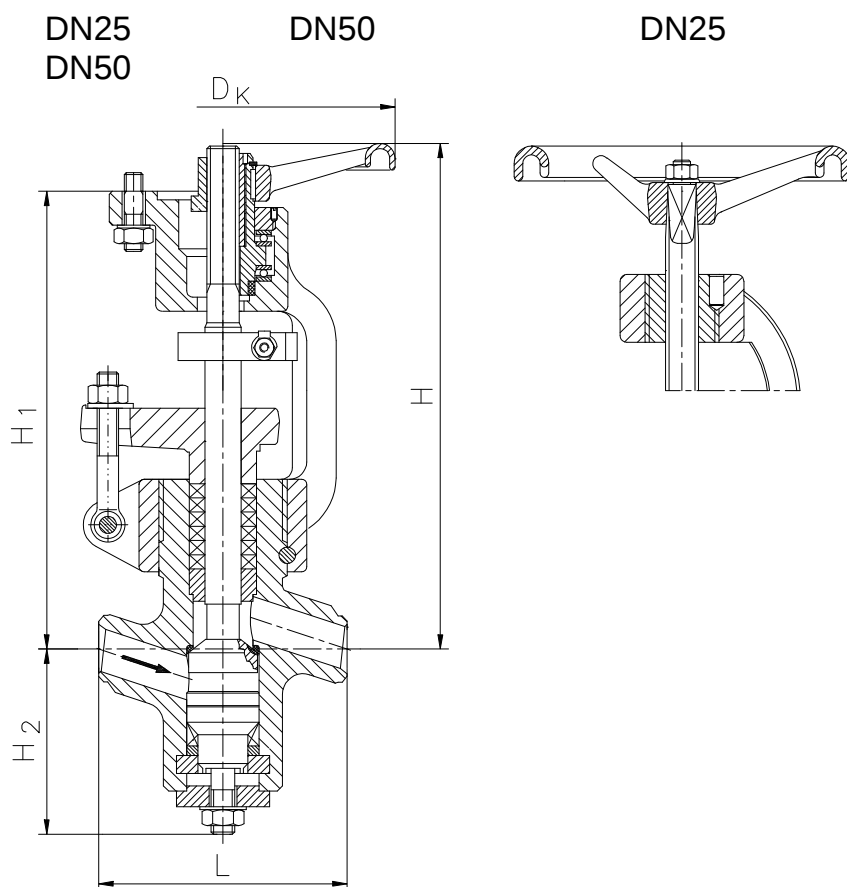
- drain valves with handwheel – type **ZWS1A**
- drain valves for drive unit – type **ZWS1B**

Materials

Part name	Material	
Body	P245GH, 16 Mo3, 13CrMo4-5, 11CrMo9-10, 14MoV6-3, X10CrMoVNb9-1, 15NiCuMoNb5, 10CrMoVNb9-2	
Sealing surfaces	stainless steel min 18%Cr	stellite
Packing	graphite	

Dimensions and weights

DN	25	50
L	160	300
H	265	490
H₁	293*	402*
H₂	116	157
Weight /kg/	10,5 14*	41 36,5*
*) Valves for drive unit		



Drain valves with handwheel and for drive unit

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															
P245GH	320	317	310	290	280	260	132									
16Mo3	320	320	315	284	273	265	255	252	245	200	93					
13CrMo4-5	320	320	320	317	314	311	292	290	284	282	170	110	63			
11CrMo9-10	320	320	320	320	320	312	296	293	283	280	192	144	109	80	67	
14MoV6-3	320	320	320	320	320	320	320	320	320	320	280	213	152			
X10CrMoVNb9-1	320	320	320	320	320	320	320	320	320	320	311	298	274	218	180	93
15NiCuMoNb5	320	320	320	320	320	320	320	320	172	114						
X10CrMoVNb9-2	320	320	320	320	320	320	320	320	320	320	320	320	278	270	193	105

Additional information

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

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

Buttwelding ends in acc. EN 12627.

Valves should operate in two positions: completely open or completely closed.

Special versions on client's request are available.