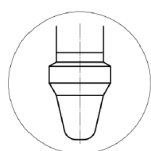
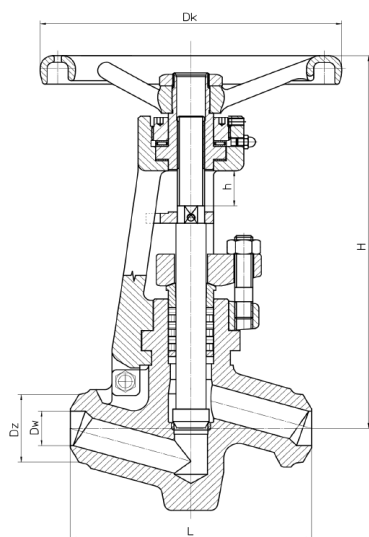
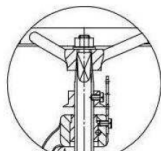


GLOBE VALVES

Model 649, NP adopted for actuator,
R with throttling disc
DN15-50, PN250-500



Regulating disc



Position indicator

PARTS

Part	Material				
	Standard (Tmax 450 °C)	Version A (Tmax 550 °C)	Version B (Tmax 580 °C)	Version U (Tmax 530 °C)	Version C (Tmax 650 °C)
Body	P245GH (1.0352)	13CrMo4-5 (1.7335)	11CrMo9-10 (1.7383)	16Mo3 (1.5415)	X10Cr-MoVNb9-1 (P91; 1.4903)
Bonnet DN15-25 DN32-50	P245HG P245GH	13CrMo4-5 13CrMo4-5	11CrMo4-5 13CrMo4-5	13CrMo4-5 13CrMo4-5	X10Cr-MoVNb-1
Stem	X30Cr13		X39CrMo17-1		X7Cr-MoBNb16-16
Disc seat	Stellit				
Body seat	Stellit				
Packing	Graphite				

APPLICATION

Globe valves with butt welding ends can be installed in any position on the pipeline, paying attention on correct direction of flowing medium, that should be in accordance with marking on the body. They are destined for closing the medium flow. Possible also to throttle the medium flow in execution with regulating disc.

MEDIUM

The valves are applicable for water, oil and other non-aggressive fluids and gases with operating parameters in the range from -10 °C to 650 °C.

OPTIONS

- » NP adopted for actuator
- » R throttling disc

DIMENSIONS AND WEIGHTS

DN	Dw			Dz			L	H	h	Dk	kg
	PN 250	PN 320	PN 500	PN 250	PN 320	PN 500					
15	16,0	15,0	16,5	22	22	32	160	275	20	200	8,0
20	20,0	20,0	20,0	27	28	38	160	275	20	200	8,0
25	26,5	24,0	23,5	35	35	47	160	275	20	200	8,0
32	30,0	30,0	30,0	40	40	58	250	365	25	320	28,5
40	38,5	36,0	33,5	49	49	99	250	365	25	320	28,0
50	45,0	49,5	45,0	61	77	86	250	365	25	320	27,5

APPLICATION RANGE

Nominal pressure PN (bar)	Maximum operating pressure at medium temperature (°C)								
		300 °C	400 °C	450 °C	500 °C	510 °C	530 °C	550 °C	
P250GH	320	308	216	132					
	500	400	320	235					
13CrMo4-5	320	320	320	320	266	223	150	93	
	500	500	500	500	383	324	218	137	
16Mo3	320	320	298	288	179	136	86		
	500	500	453	437	290	231	146		

Nominal pressure PN (bar)	Maximum operating pressure at medium temperature (°C)									
	450 °C	500 °C	510 °C	530 °C	550 °C	580 °C	600 °C	620 °C	640 °C	650 °C
11Cr Mo9-10	320	486	250	188	138	88				
	500	421	368	281	212	137				
X10Cr MoVNb9-1	500	500	500	500	453	359	281	212	181	137