

STOP GLOBE VALVE TYPE 218

CHARACTERISTIC:

- Diameter - 10 -300 mm;
- Pressure - 40 bar (flanges may be drilled for PN 6, 10, 16, 25 bar);
- Temperature - up to 560°C (with PTFE sealing up to $\leq 200^\circ\text{C}$);
- Medium - water, steam and other non-toxic, non aggressive liquid and gas media and engine fuel, sea water.

VERSIONS:

type / ends / body material / disc and disc ring / others/ drive type

Example: 218 / --- / --- / --- / ---

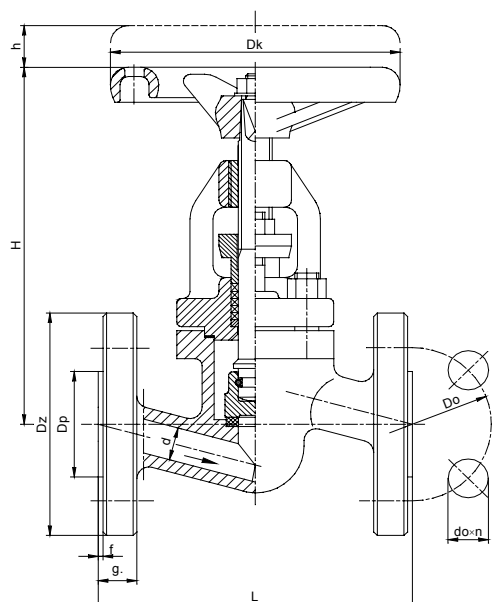
Example: 218 / S / U / R / WM

Ends	Sign	Body material	Sign	Disc and disc ring	Sign	Others	Sign	Drive type	Sign
Standard - flanged	---	(P250GH) C 22.8	---	Standard	---		---	Hand wheel	---
Butt weld ends	S	or GP240GH		PTFE	P	Sea version	WM	AUMA drive	NA
Socket weld	SW	16Mo3 or G20Mo5	U	NBR	N			NWA drive	NW
Threaded	G	13CrMo4-5 or G17CrMo5-5	A	STELLIT	L			MODACT drive	NM
				Titan	T			Pneumatic drive	NP

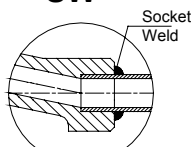
APPLICATION:

Stop globe valve is designed to open and stop the flow. The valve is not supposed to be used as a regulating device.

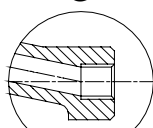
DN 15 - 50



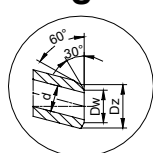
"SW"



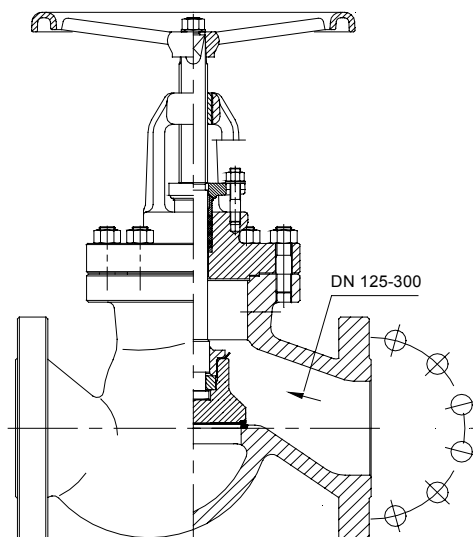
"G"



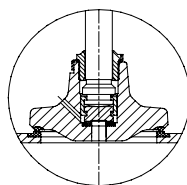
"S"



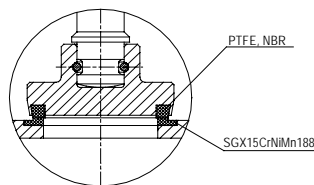
DN 65 - 300



Equilibrating disc DN
125-300



$T_{\max} 200^\circ\text{C}$



MATERIALS:

Versions	Standard	U	A	WM	Other versions
Parts	T _{MAX} 450°C	T _{MAX} 530°C	T _{MAX} 560°C	T _{MAX} 450°C	-
Body, bonnet DN 15-50	(P250GH) C22.8 (1.0460)	16Mo3 (1.5415)	13CrMo4-5 (1.7335)	(P250GH) C22.8 (1.0460)	(P250GH) C22.8, 16Mo3, 13CrMo4-5
Body, bonnet DN 65-300	T _{MAX} 450°C GP240GH (1.0619)	T _{MAX} 500°C G20Mo5 (1.5419)	T _{MAX} 550°C G17CrMo5-5 (1.7357)	T _{MAX} 450°C GP240GH (1.0619)	GP240GH, G20Mo5, G17CrMo5-5
Seat ring	G 18 8 Mn(1.4370)				Stellit lub CW306G
Disc DN 15-50	X30Cr13 (1.4028)	X30Cr13 (1.4028)	13CrMo4-5 (1.7335)	X17CrNi16-2 (1.4057)	CW306G
Disc DN 65-300	P250GH (1.0460)	P250GH (1.0460)	13CrMo4-5 (1.7335)	P250GH (1.0460)	CW306G
Disc ring	G 18 8 Mn (1.4370)				Stellit lub CW306G lub PTFE lub NBR
Stem	X20Cr13 (1.4021)	X17CrNi16-2 (1.4057)	X39CrMo17-1 (1.4122)	X17CrNi16-2 (1.4057)	BT9 lub CW306G
Packing rings, gasket	Grafit				
Wheel	Cast iron				

Special materials on request; modifications reserved.

DIMENSIONS:

DN	Standard - flanged												With butt weld ends							
	PN 40												PN 16							
	Dz	Dp	Do	do	n	L	g.	f	H	h	Dk	Weight	Dz	Dp	Do	do	n	Dz	Dw	Weight
15	95	45	65	14	4	130	16	2	155	13	120	3,80	95	45	65	14	4	22	17	2,40
20	105	58	75	14	4	150	18	2	155	13	120	4,50	105	58	75	14	4	28	22	2,50
25	115	68	85	14	4	160	18	2	155	13	120	5,00	115	68	85	14	4	35	28,5	2,80
32	140	78	100	18	4	180	18	2	195	15	160	9,50	140	78	100	18	4	44	37	6,20
40	150	88	110	18	4	200	18	3	205	19	160	10,70	150	88	110	18	4	50	43	5,90
50	165	102	125	18	4	230	20	3	215	24	160	12,80	165	102	125	18	4	62	54	8,10
65	185	122	145	18	8	290	22	3	245	30	200	28,40	185	122	145	18	4	77	69	17,50
80	200	138	160	18	8	310	24	3	300	40	250	36,70	200	138	160	18	8	91	81	23,50
100	235	162	190	22	8	350	24	3	402	45	320	52,50	220	158	180	18	8	117	104	40,80
125	270	188	220	26	8	400	26	3	436	55	280	70,20	250	184	210	18	8	144	130,5	67,70
150	300	218	250	26	8	480	28	3	496	65	320	106,50	285	212	240	22	8	172	156,5	86,60
200	375	285	320	30	12	600	34	3	576	75	400	207,20	340	268	295	22	12	223	204,5	171,40
250	450	345	385	33	12	730	38	3	590	130	400	325,00	405	320	355	26	12	278	256,5	276,60
300	515	410	450	33	16	850	42	3	730	205	600	530,00	460	370	410	26	12	329	306,5	456,00
350	515	410	450	33	16	850	42	4	730	205	600	620,00	520	-	470	26	16	362	336,5	-

Dimensions in mm; modifications reserved.

TECHNICAL DATA:

Body material	PN	Maximal working pressure at working temperature																
		20°C	100°C	150°C	200°C	250°C	300°C	350°C	400°C	450°C	480°C	500°C	510°C	520°C	530°C	540°C	550°C	560°C
(P250GH)C 22.8 (1.0460)	40	40,0	40,0	40,0	36,2	32,4	28,6	24,8	20,9	13,1	-	-	-	-	-	-	-	
16Mo3 (1.5415)	40	40,0	40,0	40,0	40,0	39,0	34,3	32,4	30,5	29,5	22,4	17,7	14,5	11,2	9,0	-	-	
13CrMo4-5 (1.7335)	40	40,0	40,0	40,0	40,0	40,0	39,8	38,1	36,2	34,3	29,3	26,1	22,0	17,9	14,9	11,6	9,3	7,6
GP240GH (1.0619)	40	40,0	31,6	28,9	26,3	24,1	20,3	25,7	19,5	12,5	-	-	-	-	-	-	-	
G20Mo5 (1.5419)	40	40,0	33,2	30,9	28,6	26,7	24,8	23,3	22,5	21,8	16,4	12,8	-	-	-	-	-	
G17CrMo5-5 (1.7357)	40	40,0	40,0	40,0	40,0	40,0	40,0	40,0	38,1	27,6	21,5	15,4	13,7	11,9	10,2	8,4	6,7	-

MOUNTING AND OPERATING:

The valve can only be mounted and operated by skilled, properly trained and qualified personnel. Incorrect assembly or operation of the valve may have substantial impact on the entire system such as fluid leakage, reduction in system's function etc.

Before a valve is installed the pipeline must be clean from any mechanical impurities. The compatibility of critical parameters of the flow must be checked with the parameters of the valve. Stop globe valve can be mounted to a pipe-line in any position. The direction of flow should only comply with the arrow marked on the body. The valve should be operated strictly with its assign. In order to provide valve's reliability the following suggestions must be observed:

- medium flowing through the valve is supposed to be clean out of any mechanical impurities;
- the valve must be protected from any mechanical damages during its work;
- nominal parameters marked on the valve must be observed.

STOP GLOBE VALVE TYPE 412

CHARACTERISTIC:

Diameter	-	15 -200 mm;
Pressure	-	63 bar;
Temperature	-	up to 560°C (with PTFE sealing up to 200°C);
Medium	-	water, steam and other non-toxic, non aggressive liquid and gas media and engine fuel.

VERSIONS:

type / ends / body material / disc and disc ring / drive type

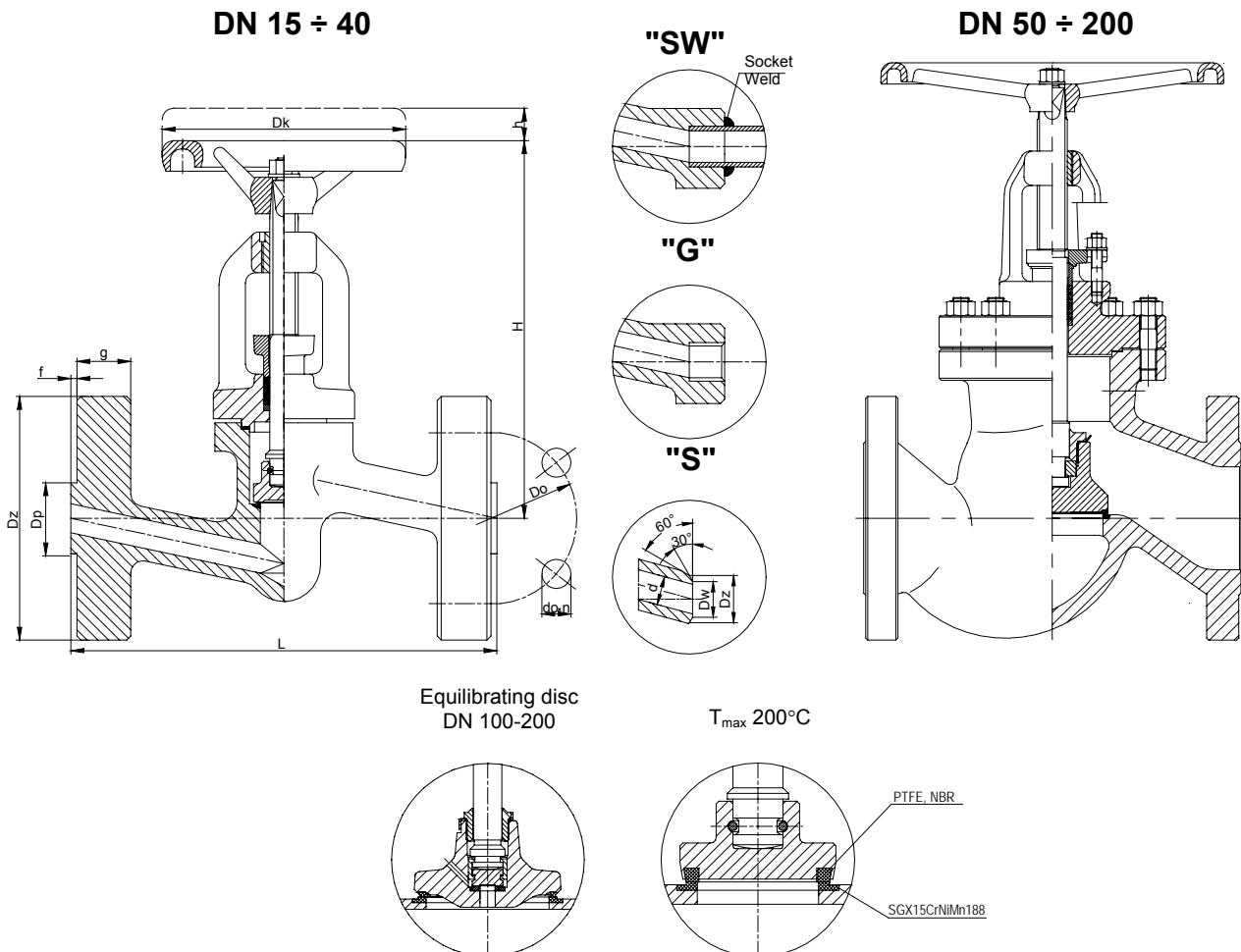
Example: 412 / --- / --- / --- / ---

Example: 412 / S / U / P / ---

Ends	Sign	Body material	Sign	Disc and disc ring	Sign	Drive type	Sign
Standard - flanged	---	(P2550GH) C 22.8	---	Standard	---	Hand wheel	---
Butt weld ends	S	or GP240GH		PTFE ring	P	AUMA drive	NA
Socket weld	SW	16Mo3 or G20Mo5	U	NBR ring	N	NWA drive	NW
Threaded	G	13CrMo4-5 or G17CrMo5-5	A	STELLIT ring	L	MODACT drive	NM
						Pneumatic drive	NP

APPLICATION:

Stop globe valve is designed to open and stop the flow. The valve is not supposed to be used as a regulating device. For regulation the version „R” with throttling plug should be applied.



MATERIALS:

Versions	Standard	U	A	Other versions
Parts	T _{MAX} 450°C	T _{MAX} 530°C	T _{MAX} 560°C	-
Body, bonnet DN 15-40	(P250GH) C22.8 (1.0460)	16Mo3 (1.5415)	13CrMo4-5 (1.7335)	(P250GH) C22.8, 16Mo3, 13CrMo4-5
Body, bonnet DN 50-200	T _{MAX} 450°C GP240GH (1.0619)	T _{MAX} 500°C G20Mo5 (1.5419)	T _{MAX} 550°C G17CrMo5-5 (1.7357)	GP240GH, G20Mo5, G17CrMo5-5
Seat ring	G 18 8 Mn (1.4370)			Stellit
Disc DN 15-50	X30Cr13 (1.4028)	X30Cr13 (1.4028)	13CrMo4-5 (1.7335)	X30Cr13, 13CrMo4-5
Disc DN 65-200	P250GH (1.0460)	P250GH (1.0460)	13CrMo4-5 (1.7335)	P250GH, 13CrMo4-5
Disc ring	G 18 8 Mn (1.4370)			Stellit, PTFE, NBR
Stem	X20Cr13 (1.4021)	X17CrNi16-2 (1.4057)	X39CrMo17-1 (1.4122)	BT9
Gasket	Grafit + austenite			
Wheel	Cast iron			

Special materials on request; modifications reserved.

DIMENSIONS:

Standard - flanged														With butt weld ends			
DN	d	Dz	Dp	Do	do	n	L	g.	f	H	h	Dk	Weight	Dz	Dw	L	Weight
15	14	105	45	75	14	4	210	20	2	160	13	120	5,40	22	17	160	3,00
20	19	130	58	90	18	4	230	22	2	160	13	160	9,80	28	22	160	3,00
25	23	140	68	100	18	4	230	24	2	160	13	160	10,80	35	28,5	160	3,00
32	30	155	78	110	22	4	260	24	2	210	16	200	15,00	44	36,5	230	9,30
40	38	170	88	125	22	4	260	28	3	210	18	200	15,70	50	43	230	9,50
50	45	180	102	135	22	4	300	26	3	250	22	250	30,70	62	54	300	19,90
65	62	205	122	160	22	8	340	26	3	290	30	250	46,00	77	69	340	30,90
80	73	215	138	170	22	8	380	28	3	300	40	320	62,00	91	81	380	48,70
100	94	250	162	200	22	8	430	30	3	500	55	360	121,50	117	104	430	95,10
125	120	295	188	240	26	8	500	34	3	600	65	400	168,00	144	130,5	500	137,90
150	144	345	218	280	33	8	550	36	3	700	70	500	251,00	172	156,5	550	201,10
200	195	415	285	345	36	12	650	42	3	900	100	600	290,00	223	204,5	650	215,00

Dimensions in mm; modifications reserved.

TECHNICAL DATA:

Body material	PN	Maximal working pressure at working temperature																
		20°C	100°C	150°C	200°C	250°C	300°C	350°C	400°C	450°C	480°C	500°C	510°C	520°C	530°C	540°C	550°C	560°C
(P250GH)C 22.8 (1.0460)	63	63,0	58,5	55,5	52,5	48,0	43,5	40,5	37,5	20,7	-	-	-	-	-	-	-	-
16Mo3 (1.5415)	63	63,0	63,0	63,0	63,0	61,5	54,0	51,0	48,0	46,5	35,3	27,9	22,8	17,7	14,1	-	-	-
13CrMo4-5 (1.7335)	63	63,0	63,0	63,0	63,0	63,0	62,7	60,0	57,0	54,0	46,2	41,1	34,6	28,2	23,4	18,3	14,7	12,0
GP240GH (1.0619)	63	63,0	49,7	45,6	41,4	37,9	34,3	32,0	30,8	19,7	-	-	-	-	-	-	-	-
G20Mo5 (1.5419)	63	63,0	52,2	48,6	45,0	42,0	39,1	36,7	35,5	34,3	25,8	20,1	-	-	-	-	-	-
G17CrMo5-5 (1.7357)	63	63,0	63,0	63,0	63,0	63,0	63,0	63,0	60,0	43,5	31,9	24,3	21,5	18,8	16,0	13,3	10,5	-

MOUNTING AND OPERATING:

The valve can only be mounted and operated by skilled, properly trained and qualified personnel. Incorrect assembly or operation of the valve may have substantial impact on the entire system such as fluid leakage, reduction in system's function etc.

Before a valve is installed the pipeline must be clean from any mechanical impurities. The compatibility of critical parameters of the flow must be checked with the parameters of the valve. Stop globe valve can be mounted to a pipe-line in any position. The direction of flow should only comply with the arrow marked on the body. The valve should be operated strictly with its assign. In order to provide valve's reliability the following suggestions must be observed:

- medium flowing through the valve is supposed to be clean out of any mechanical impurities;
- the valve must be protected from any mechanical damages during its work;
- nominal parameters marked on the valve must be observed.

STOP GLOBE VALVE TYPE 422

CHARACTERISTIC:

Diameter	-	10 - $\sqrt{200}$ mm;
Pressure	-	100 bar;
Temperature	-	up to 560°C (with PTFE sealing up to 200°C);
Medium	-	water, steam and other non-toxic, non aggressive liquid and gas media and engine fuel.

VERSIONS:

type / ends / body material / disc and disc ring / drive type

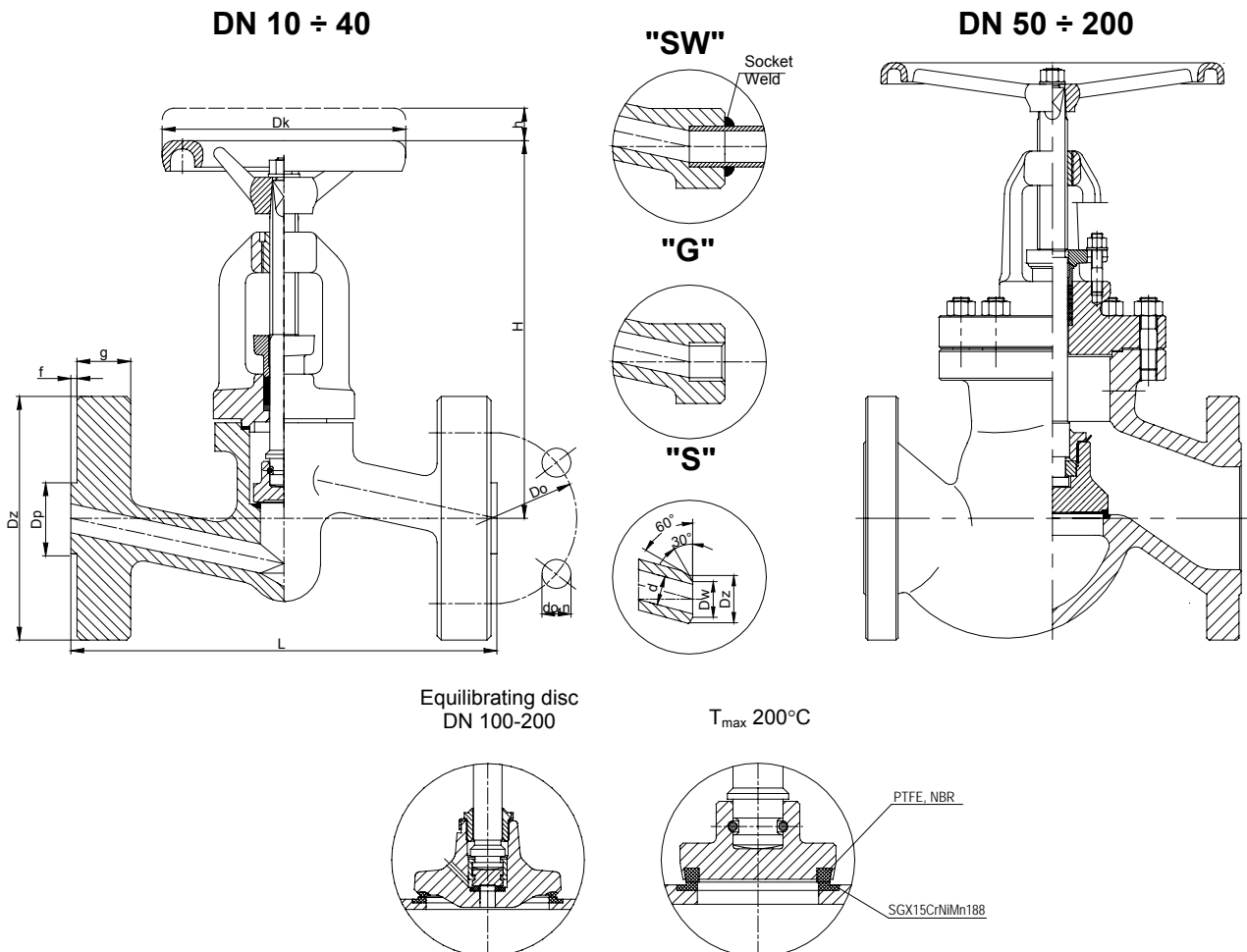
Example: 422 / --- / --- / --- / ---

Example: 422 / S / U / P / ---

Ends	Sign	Body material	Sign	Disc and disc ring	Sign	Drive type	Sign
Standard - flanged	---	(P250GH) C 22.8	---	Standard	---	Hand wheel	---
Butt weld ends	S	or GP240GH		PTFE ring	P	AUMA drive	NA
Socket weld	SW	16Mo3 or G20Mo5	U	NBR ring	N	NWA drive	NW
Threaded	G	13CrMo4-5 or G17CrMo5-5	A	STELLIT ring	L	MODACT drive	NM
						Pneumatic drive	NP

APPLICATION:

Stop globe valve is designed to open and stop the flow. The valve is not supposed to be used as a regulating device. For regulation the version „R” with throttling plug should be applied.



MATERIALS:

Versions	Standard	U	A	Other versions
Parts	T _{MAX} 450°C	T _{MAX} 530°C	T _{MAX} 560°C	-
Body, bonnet DN 10-40	(P250GH) C22.8 (1.0460)	16Mo3 (1.5415)	13CrMo4-5 (1.7335)	(P250GH) C22.8, 16Mo3, 13CrMo4-5
Body, bonnet DN 50-200	T _{MAX} 450°C GP240GH (1.0619)	T _{MAX} 500°C G20Mo5 (1.5419)	T _{MAX} 550°C G17CrMo5-5 (1.7357)	GP240GH, G20Mo5, G17CrMo5-5
Seat ring	G 18 8 Mn (1.4370)			Stellite
Disc DN 10-50	X30Cr13 (1.4028)	X30Cr13 (1.4028)	13CrMo4-5 (1.7335)	X30Cr13, 13CrMo4-5
Disc DN 65-200	P250GH (1.0460)	P250GH (1.0460)	13CrMo4-5 (1.7335)	P250GH, 13CrMo4-5
Disc ring	G 18 8 Mn (1.4370)			Stellite
Stem	X20Cr13 (1.4021)	X17CrNi16-2 (1.4057)	X39CrMo17-1 (1.4122)	BT9
Gasket	Grafit + austenite			
Wheel	Cast iron			

Special materials on request; modifications reserved.

DIMENSIONS:

Standard - flanged														With butt weld ends			
DN	d	Dz	Dp	Do	do	n	L	g.	f	H	h	Dk	Weight	Dz	Dw	L	Weight
10	-	-	-	-	-	-	-	-	-	-	-	-	-	20	13	160	3,00
15	14	105	45	75	14	4	210	20	2	160	13	120	5,40	22	17	160	3,00
20	19	130	58	90	18	4	230	22	2	160	13	160	9,80	28	21,5	160	3,00
25	23	140	68	100	18	4	230	24	2	160	13	160	10,80	35	28,5	160	3,00
32	30	155	78	110	22	4	260	24	2	210	16	200	15,00	44	36	230	9,30
40	38	170	88	125	22	4	260	28	3	210	18	200	15,70	50	43	230	9,50
50	45	195	102	145	26	4	300	28	3	250	22	250	30,70	62	54	300	19,90
65	62	220	122	170	26	8	340	30	3	290	30	280	46,00	77	69	340	30,90
80	73	230	138	180	26	8	380	32	3	300	40	360	62,00	91	81	380	48,70
100	94	265	162	210	30	8	430	36	3	500	55	360	121,50	117	104	430	95,10
125	120	315	188	250	33	8	500	40	3	600	65	400	168,00	144	127	500	137,90
150	144	355	218	290	33	12	550	44	3	700	70	500	251,00	172	154	550	201,10
200	195	430	285	360	36	12	650	52	3	900	100	600	295,00	223	199,5	650	218,00

Dimensions in mm; modifications reserved.

TECHNICAL DATA:

Body material	PN	Maximal working pressure at working temperature																
		20°C	100°C	150°C	200°C	250°C	300°C	350°C	400°C	450°C	480°C	500°C	510°C	520°C	530°C	540°C	550°C	560°C
(P250GH)C 22.8 (1.0460)	100	100,0	92,8	88,0	83,3	76,1	69,0	64,2	59,5	32,8	-	-	-	-	-	-	-	-
16Mo3 (1.5415)	100	100,0	100,0	100,0	100,0	97,6	85,7	80,9	76,1	73,8	56,0	44,2	36,1	28,0	22,3	-	-	-
13CrMo4-5 (1.7335)	100	100,0	100,0	100,0	100,0	100,0	99,5	95,2	90,4	85,7	73,4	65,2	54,9	44,7	37,1	29,0	23,3	19,0
GP240GH (1.0619)	100	100,0	78,9	72,4	65,8	60,1	54,5	50,8	48,9	31,2	-	-	-	-	-	-	-	-
G20Mo5 (1.5419)	100	100,0	82,9	77,1	71,4	66,7	62,0	58,3	56,4	54,5	40,9	31,9	-	-	-	-	-	-
G17CrMo5-5 (1.7357)	100	100,0	100,0	100,0	100,0	100,0	100,0	100,0	95,2	69,1	51,8	38,6	34,2	29,8	25,4	21,1	16,7	-

MOUNTING AND OPERATING:

The valve can only be mounted and operated by skilled, properly trained and qualified personnel. Incorrect assembly or operation of the valve may have substantial impact on the entire system such as fluid leakage, reduction in system's function etc.

Before a valve is installed the pipeline must be clean from any mechanical impurities. The compatibility of critical parameters of the flow must be checked with the parameters of the valve. Stop globe valve can be mounted to a pipe-line in any position. The direction of flow should only comply with the arrow marked on the body. The valve should be operated strictly with its assign. In order to provide valve's reliability the following suggestions must be observed:

- medium flowing through the valve is supposed to be clean out of any mechanical impurities;
- the valve must be protected from any mechanical damages during its work;
- nominal parameters marked on the valve must be observed.

STOP GLOBE VALVE TYPE 530

CHARACTERISTIC:

Diameter	-	15 - 200 mm;
Pressure	-	160 bar;
Temperature	-	up to 560°C;
Medium	-	water, steam and other non-toxic, non aggressive liquid and gas media and engine fuel.

VERSIONS:

type / ends / body material / disc and disc ring / drive type

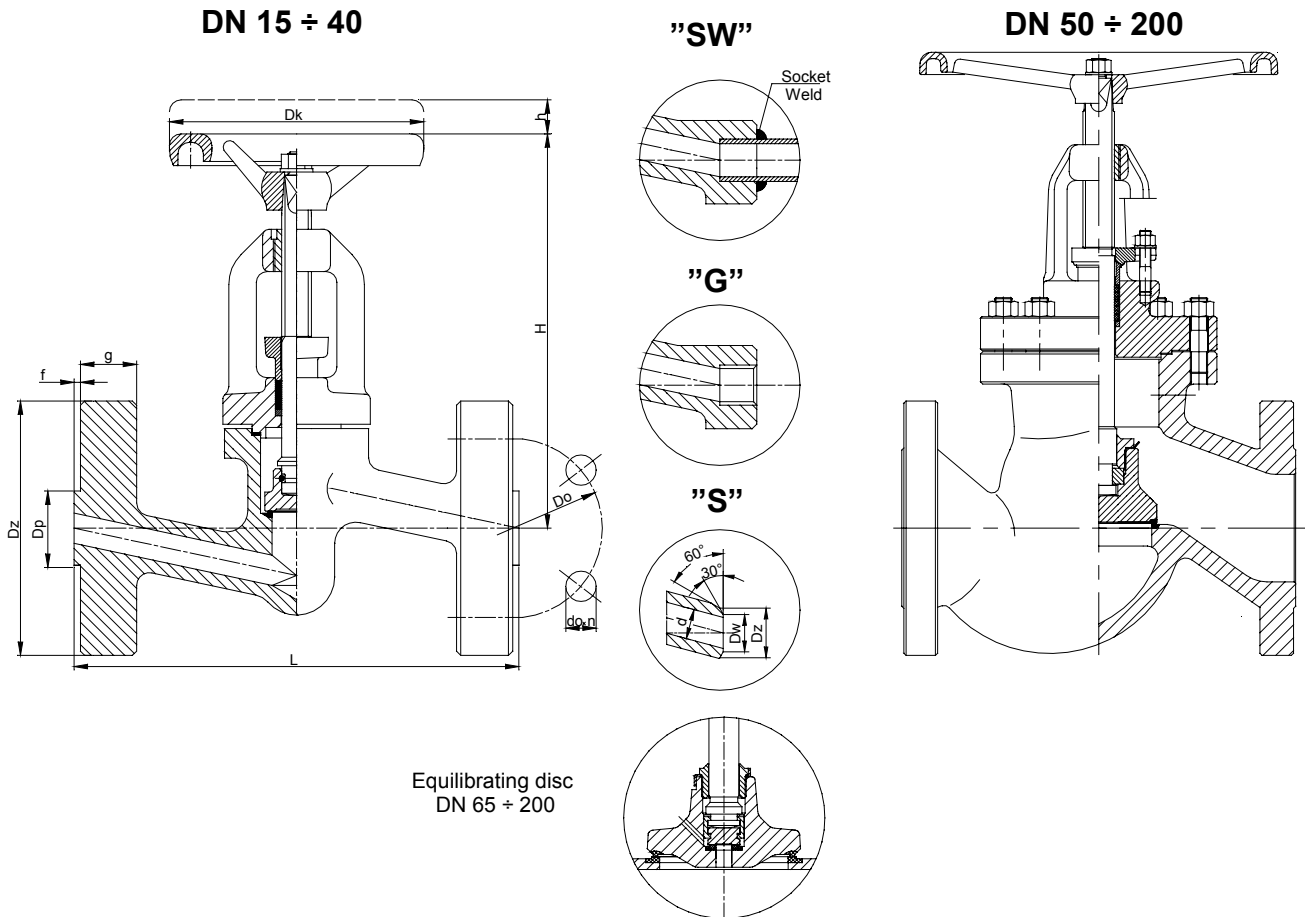
Example: 530 / --- / --- / --- /---

Example: 530 / S / U / L / ---

Ends	Sign	Body material	Sign	Disc and disc ring	Sign	Drive type	Sign
Standard - flanged	---	(P250GH) C 22.8	---	Standard	---	Hand wheel	---
Butt weld ends	S	or GP240GH		STELLIT ring	L	AUMA drive	NA
Socket weld	SW	16Mo3 or G20Mo5	U			NWA drive	NW
Threaded	G	13CrMo4-5 or G17CrMo5-5	A			MODACT drive	NM
						Pneumatic drive	NP

APPLICATION:

Stop globe valve is designed to open and stop the flow. The valve is not supposed to be used as a regulating device. For regulation the version „R” with throttling plug should be applied.



MATERIALS:

Versions	Standard	U	A	Other versions
Parts	T _{MAX} 450°C	T _{MAX} 530°C	T _{MAX} 560°C	-
Body, bonnet DN 15-40	(P250GH) C22.8 (1.0460)	16Mo3 (1.5415)	13CrMo4-5 (1.7335)	(P250GH) C22.8, 16Mo3, 13CrMo4-5
Body, bonnet DN 50-200	T _{MAX} 450°C GP240GH (1.0619)	T _{MAX} 500°C G20Mo5 (1.5419)	T _{MAX} 550°C G17CrMo5-5 (1.7357)	GP240GH, G20Mo5, G17CrMo5-5
Seat ring	G 18 8 Mn (1.4370)			Stellit
Disc DN 15-50	X30Cr13 (1.4028)	X30Cr13 (1.4028)	13CrMo4-5 (1.7335)	X30Cr13, 13CrMo4-5
Disc DN 65-200	P250GH (1.0460)	P250GH (1.0460)	13CrMo4-5 (1.7335)	P250GH, 13CrMo4-5
Disc ring	G 18 8 Mn (1.4370)			Stellit
Stem	X20Cr13 (1.4021)	X17CrNi16-2 (1.4057)	X39CrMo17-1 (1.4122)	BT9
Gasket	Grafit + austenite			
Wheel	Cast iron			

Special materials on request; modifications reserved.

DIMENSIONS:

Standard - flanged														With dutt weld ends			
DN	d	Dz	Dp	Do	do	n	L	g	f	H	h	Dk	Weight	Dz	Dw	L	Weight
15	15	105	45	75	14	4	210	20	2	175	13	120	5,40	22	17	160	3,05
20	20	130	58	90	18	4	230	22	2	215	13	160	9,70	28	21	160	3,05
25	24	140	68	100	18	4	230	24	2	215	13	160	10,60	35	27	160	3,10
32	30	155	78	110	22	4	260	24	2	245	16	200	15,60	44	34,5	230	9,40
40	38	170	88	125	22	4	260	28	3	245	18	200	17,30	50	43	230	9,90
50	47	195	102	145	30	4	300	30	3	300	22	250	29,00	62	52,5	300	20,90
65	63	220	122	170	26	8	340	34	3	330	30	280	47,80	77	65	340	20,90
80	78	230	138	180	26	8	380	36	3	375	40	360	62,00	91	76,5	380	23,00
100	95	265	162	210	30	8	430	40	3	520	55	360	112,00	117	98,5	430	55,00
125	120	315	188	250	33	8	500	44	3	600	65	400	165,00	144	120,5	500	70,00
150	145	355	218	290	33	12	550	44	3	700	70	500	251,00	172	144,5	550	174,00
200	195	430	285	360	36	12	650	60	3	900	110	600	295,00	223	189	650	220,00

Dimensions in mm; modifications reserved.

TECHNICAL DATA:

Body material	PN	Maximal working pressure at working temperature																
		20°C	100°C	150°C	200°C	250°C	300°C	350°C	400°C	450°C	480°C	500°C	510°C	520°C	530°C	540°C	550°C	560°C
(P250GH)C 22.8 (1.0460)	160	160,0	160,0	160,0	144,8	129,5	114,3	99,1	83,8	52,5	-	-	-	-	-	-	-	-
16Mo3 (1.5415)	160	160,0	160,0	160,0	160,0	156,1	137,1	129,5	121,9	118,0	89,7	70,8	57,8	44,9	35,8			
13CrMo4-5 (1.7335)	160	160,0	160,0	160,0	160,0	160,0	159,2	152,3	144,7	137,1	117,4	104,3	87,9	71,6	59,4	46,4	37,3	30,4
GP240GH (1.0619)	160	160,0	126,3	115,8	105,3	96,2	87,2	81,3	78,2	49,9	-	-	-	-	-	-	-	-
G20Mo5 (1.5419)	160	160,0	132,7	123,4	114,3	106,7	99,2	93,3	90,2	87,2	65,5	51,1	-	-	-	-	-	-
G17CrMo5-5 (1.7357)	160	160,0	160,0	160,0	160,0	160,0	160,0	160,0	152,3	110,5	84,1	61,7	54,7	47,7	40,7	33,7	26,7	-

MOUNTING AND OPERATING:

The valve can only be mounted and operated by skilled, properly trained and qualified personnel. Incorrect assembly or operation of the valve may have substantial impact on the entire system such as fluid leakage, reduction in system's function etc.

Before a valve is installed the pipeline must be clean from any mechanical impurities. The compatibility of critical parameters of the flow must be checked with the parameters of the valve. Stop globe valve can be mounted to a pipe-line in any position. The direction of flow should only comply with the arrow marked on the body. The valve should be operated strictly with its assign. In order to provide valve's reliability the following suggestions must be observed:

- medium flowing through the valve is supposed to be clean out of any mechanical impurities;
- the valve must be protected from any mechanical damages during its work;
- nominal parameters marked on the valve must be observed.

STOP GLOBE VALVE TYPE 648

CHARACTERISTIC:

Diameter	-	10 - 100 mm;
Pressure	-	250 bar;
Temperature	-	up to 600°C;
Medium	-	water, steam and other non-toxic, non aggressive liquid and gas media.

VERSIONS:

type / ends / body material / disc and disc ring / drive type

Example: 648 / --- / --- / --- / ---

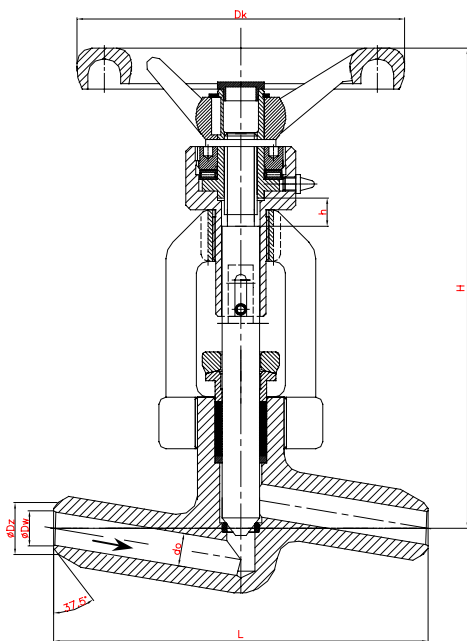
Example: 648 / K / U / L / ---

Ends	Sign	Body material	Sign	Disc and disc ring	Sign	Drive type	Sign
Standard-butt weld ends	---	(P250GH) C 22.8	---	Standard	---	Hand wheel	---
Socket weld	SW	16Mo3	U	Stellit ring	L	AUMA drive	NA
Flange by DIN or ANSI, or Threaded	K	13CrMo4-5	A			NWA drive	NW
		11CrMo9-10	B			MODACT drive	NM
		14MoV6-3	C			Pneumatic drive	NP

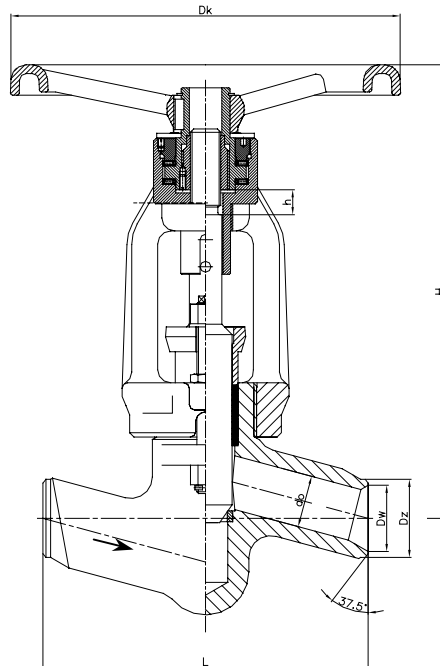
APPLICATION:

Stop globe valve (**648**) is designed to open and stop the flow. The valve is not supposed to be used as a regulating device. For regulation the version (**673**) with throttling plug should be applied.

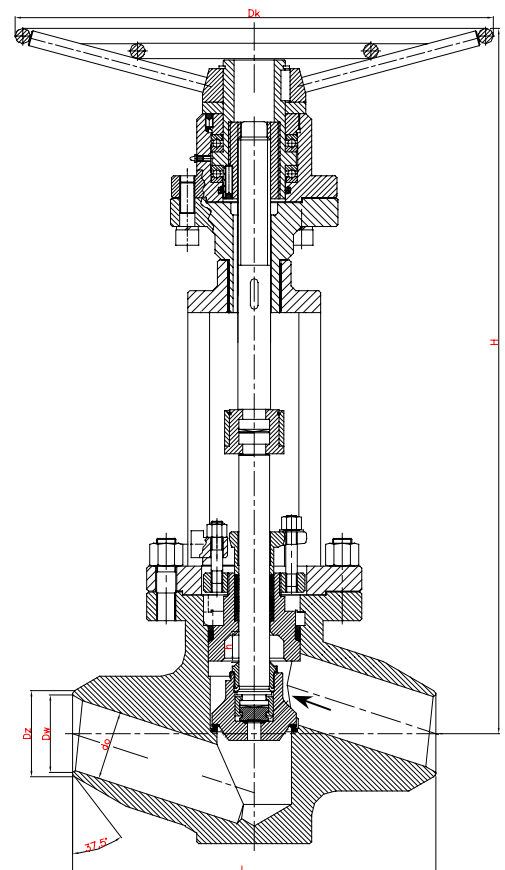
DN 10 ÷ 15



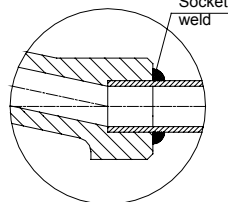
DN 20 ÷ 50



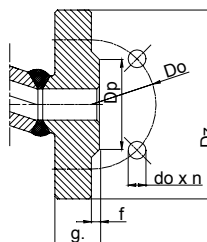
DN 65 ÷ 100



"SW"



"K"



MATERIALS:

Versions	Standard	U	A	B	C
Parts	T _{MAX} 450°C	T _{MAX} 530°C	T _{MAX} 560°C	T _{MAX} 600°C	T _{MAX} 570°C
Body	(P250GH) C22.8 (1.0460)	16Mo3 (1.5415)	13CrMo4-5 (1.7335)	11CrMo9-10 (1.7383)	14MoV6-3 (1.7715)
Bonnet	DN 15-25 13CrMo4-5 (1.7335)		DN 32-100 G17CrMo5-5 (1.7357)		
Stem DN 15-50	X39CrNi17-1 (1.4122)		X22CrMoV12-1 (1.4923)		
Disc DN 65-100	C22.8 (1.0460)	13CrMo4-5 (1.7335)	13CrMo4-5 (1.7335)	11CrMo9-10 (1.7383)	14MoV6-3 (1.7715)
Seat ring	BT9;Stellit				
Upper stem	X17CrNi16-2 (1.4057), X39CrNi17-1 (1.4122)				
Wheel	Cast iron				

Special materials on request; modifications reserved.

DIMENSIONS:

Standard – Butt weld ends						H	h	Dk
DN	d	Dz	Dw	L	Weight			
10	10	20	12	160	2,90	205	12	140
15	14	22	16					
20	20	28	19,5	160	7,20	266	19	200
	18							
25	24	35	26,5	300	29,50	418	23	360
32	30	44	32,5					
40	38	50	38,5					
	36							
50	44	62	45	340	-	714	45	500
	42							
65	62	77	59,5	380	-	637	36	500
	56							
80	76	117	93	430	-	720	50	500
100	92	144	116,5					

Dimensions in mm; modifications reserved.

TECHNICAL DATA:

Body material	PN	Maximal working pressure at working temperature																
		20°C	100°C	150°C	200°C	250°C	300°C	350°C	400°C	450°C	480°C	500°C	520°C	530°C	540°C	560°C	570°C	600°C
(P250GH)C 22.8 (1.0460)	250	250,0	250,0	250,0	250,0	250,0	250,0	250,0	250,0	250,0	165,0	-	-	-	-	-	-	-
16Mo3 (1.5415)	250	250,0	250,0	250,0	250,0	250,0	250,0	250,0	250,0	250,0	222,0	176,0	141,0	112,0	-	-	-	-
13CrMo4-5 (1.7335)	250	250,0	250,0	250,0	250,0	250,0	250,0	250,0	250,0	250,0	250,0	250,0	224,0	186,0	146,0	95,0	79,0	-
14MoV6-3 (1.7715)	250	250,0	250,0	250,0	250,0	250,0	250,0	250,0	250,0	250,0	250,0	250,0	250,0	250,0	205,0	174,0	-	-
11CrMo9-10 (1.7383)	250	250,0	250,0	250,0	250,0	250,0	250,0	250,0	250,0	250,0	250,0	250,0	246,0	215,0	186,0	138,0	122,0	81,0

MOUNTING AND OPERATING:

The valve can only be mounted and operated by skilled, properly trained and qualified personnel. Incorrect assembly or operation of the valve may have substantial impact on the entire system such as fluid leakage, reduction in system's function etc.

Before a valve is installed the pipeline must be clean from any mechanical impurities. The compatibility of critical parameters of the flow must be checked with the parameters of the valve. Stop globe valve can be mounted to a pipe-line in any position. The direction of flow should only comply with the arrow marked on the body. The valve should be operated strictly with its assign. In order to provide valve's reliability the following suggestions must be observed:

- medium flowing through the valve is supposed to be clean out of any mechanical impurities;
- the valve must be protected from any mechanical damages during its work;
- nominal parameters marked on the valve must be observed.

STOP GLOBE VALVE TYPE 649

CHARACTERISTIC:

Diameter	-	10 - 100 mm;
Pressure	-	320 bar;
Temperature	-	up to 600°C;
Medium	-	water, steam and other non-toxic, non aggressive liquid and gas media.

VERSIONS:

type / ends / body material / disc and disc ring / drive type

Example: 649 / --- / --- / --- / ---

Example: 649 / K / U / L / ---

Ends	Sign	Body material	Sign	Disc and disc ring	Sign	Drive type	Sign
Standard-butt weld ends	---	(P250GH) C 22.8	---	Standard	---	Hand wheel	---
Socket weld	SW	16Mo3	U	Stellite ring	L	AUMA drive	NA
Flange by DIN or ANSI, or Threaded	K	13CrMo4-5	A			NWA drive	NW
		11CrMo9-10	B			MODACT drive	NM
		14MoV6-3	C			Pneumatic drive	NP

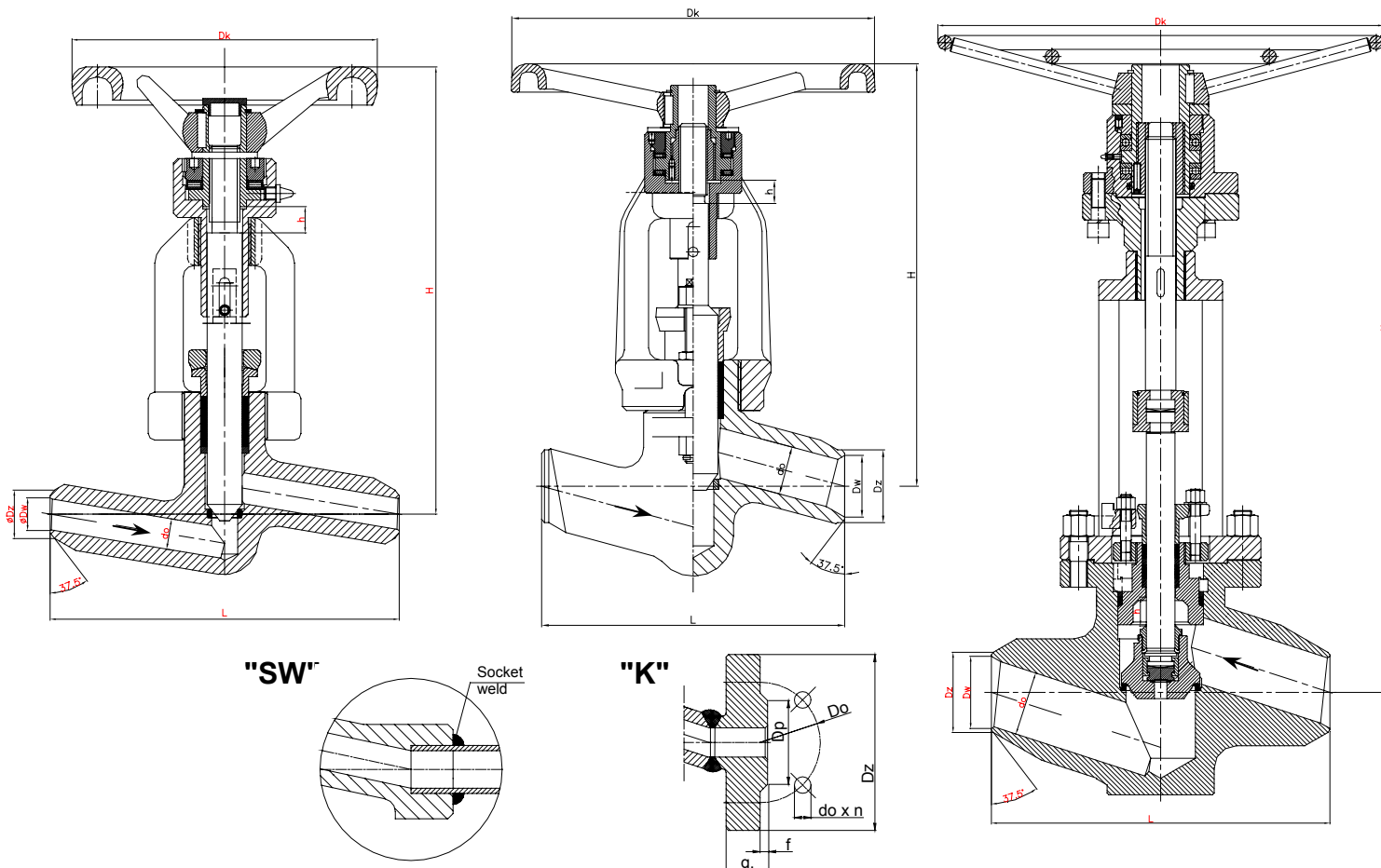
APPLICATION:

Stop globe valve (649) is designed to open and stop the flow. The valve is not supposed to be used as a regulating device. For regulation the version (674) with throttling plug should be applied.

DN 10 ÷ 15

DN 20 ÷ 50

DN 65 ÷ 100



MATERIALS:

Versions	Standard	U	A	B	C
Parts	T _{MAX} 450°C	T _{MAX} 530°C	T _{MAX} 560°C	T _{MAX} 600°C	T _{MAX} 570°C
Body	(P250GH) C22.8 (1.0460)	16Mo3 (1.5415)	13CrMo4-5 (1.7335)	11CrMo9-10 (1.7383)	14MoV6-3 (1.7715)
Bonnet	DN 15-25 13CrMo4-5 (1.7335)		DN 32-125 G17CrMo5-5 (1.7357)		
Stem DN 15-65	X39CrNi17-1 (1.4122), X22CrMoV12-1 (1.4923)				
Disc DN 80-125	C22.8 (1.0460)	16Mo3 (1.5415)	13CrMo4-5 (1.7335)	11CrMo9-10 (1.7383)	14MoV6-3 (1.7715)
Seat ring	BT9; Stellite				
Upper stem	X17CrNi16-2 (1.4057), X39CrNi17-1 (1.4122)				
Wheel	Cast iron				

Special materials on request; modifications reserved.

DIMENSIONS:

Standard – butt weld ends						H	h	Dk
DN	d	Dz	Dw	L	Weight			
10	10	20	12	160	2,90	205	12	140
15	14	22	15					
20	20	28	19	160	7,20	266	19	200
25	24	35	24					
32	30	44	31,5	300	29,50	418	23	360
40	38	50	36					
50	44	77	59,5					
65	62	91	68					
80	76	117	87,5	380	83,00	637	36	500
100	92	144	109,5	430	125,00	720	50	500

Dimensions in mm; modifications reserved.

TECHNICAL DATA:

Body material	PN	Maximal working pressure at working temperature																
		20°C	100°C	150°C	200°C	250°C	300°C	350°C	400°C	450°C	480°C	500°C	520°C	530°C	540°C	560°C	570°C	600°C
(P250GH)C 22.8 (1.0460)	320	320,0	320,0	320,0	320,0	320,0	320,0	310,0	262,0	165,0	-	-	-	-	-	-	-	-
16Mo3 (1.5415)	320	320,0	320,0	320,0	320,0	320,0	320,0	320,0	320,0	320,0	222,0	176,0	141,0	112,0	-	-	-	-
13CrMo4-5 (1.7335)	320	320,0	320,0	320,0	320,0	320,0	320,0	320,0	320,0	320,0	320,0	276,0	224,0	186,0	146,0	95,0	79,0	-
14MoV6-3 (1.7715)	320	320,0	320,0	320,0	320,0	320,0	320,0	320,0	320,0	320,0	320,0	320,0	320,0	312,0	269,0	205,0	174,0	-
11CrMo9-10 (1.7383)	320	320,0	320,0	320,0	320,0	320,0	320,0	320,0	320,0	320,0	320,0	320,0	246,0	215,0	186,0	138,0	122,0	81,0

MOUNTING AND OPERATING:

The valve can only be mounted and operated by skilled, properly trained and qualified personnel. Incorrect assembly or operation of the valve may have substantial impact on the entire system such as fluid leakage, reduction in system's function etc.

Before a valve is installed the pipeline must be clean from any mechanical impurities. The compatibility of critical parameters of the flow must be checked with the parameters of the valve. Stop globe valve can be mounted to a pipe-line in any position. The direction of flow should only comply with the arrow marked on the body. The valve should be operated strictly with its assign. In order to provide valve's reliability the following suggestions must be observed:

- medium flowing through the valve is supposed to be clean out of any mechanical impurities;
- the valve must be protected from any mechanical damages during its work;
- nominal parameters marked on the valve must be observed.

STOP GLOBE VALVE TYPE 659

CHARACTERISTIC:

Diameter	-	10 - 100 mm;
Pressure	-	400 bar;
Temperature	-	up to 600°C;
Medium	-	water, steam and other non-toxic, non aggressive liquid and gas media.

VERSIONS:

type / ends / body material / disc and disc ring / drive type

Example: 659 / --- / --- / --- / ---

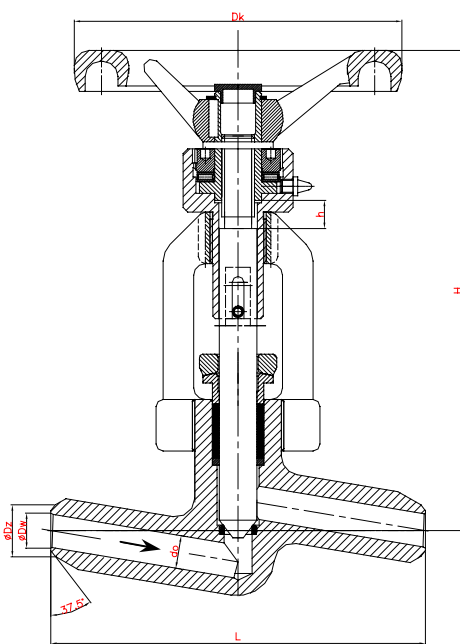
Example: 659 / SW / U / L / ---

Ends	Sign	Body material	Sign	Disc and disc ring	Sign	Drive type	Sign
Standard-butt weld ends	---	(P250GH) C 22.8	---	Standard	---	Hand wheel	---
Socket weld	SW	16Mo3	U	Stellit ring	L	AUMA drive	NA
		13CrMo4-5	A			NWA drive	NW
		11CrMo9-10	B			MODACT drive	NM
		14MoV6-3	C			Pneumatic drive	NP

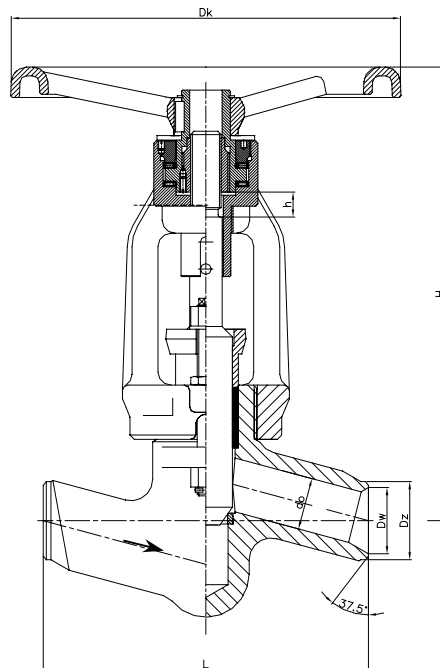
APPLICATION:

Stop globe valve (**659**) is designed to open and stop the flow. The valve is not supposed to be used as a regulating device. For regulation the version (**684**) with throttling plug should be applied.

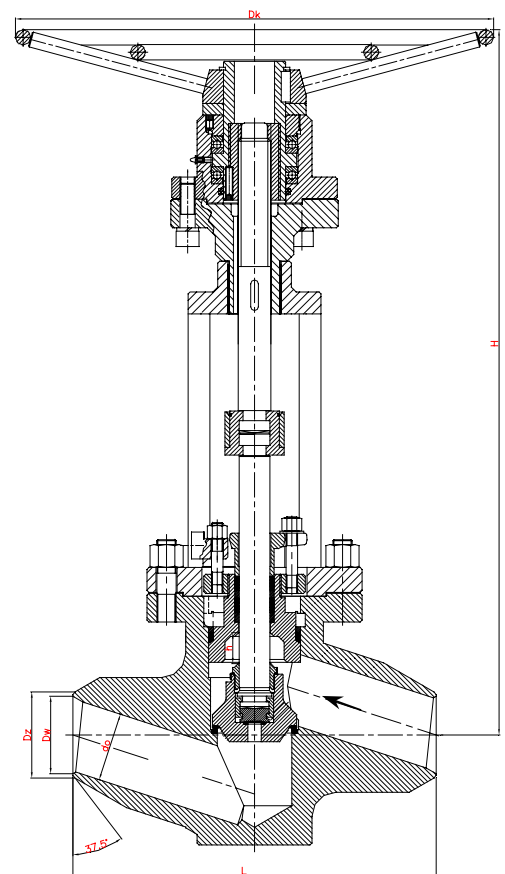
DN 10 ÷ 15



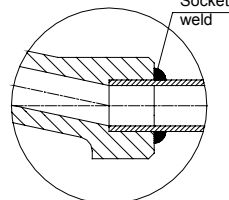
DN 20 ÷ 50



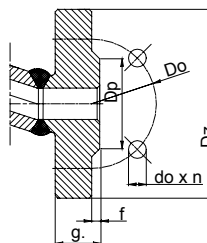
DN 65 ÷ 100



"SW"



"K"



MATERIALS:

Versions	Standard	U	A	B	C
Parts	T _{MAX} 450°C	T _{MAX} 530°C	T _{MAX} 560°C	T _{MAX} 600°C	T _{MAX} 570°C
Body	(P250GH) C22.8 (1.0460)	16Mo3 (1.5415)	13CrMo4-5 (1.7335)	11CrMo9-10 (1.7383)	14MoV6-3 (1.7715)
Bonnet	DN 15-25 13CrMo4-5 (1.7335)		DN 32-100 G17CrMo5-5 (1.7357)		
Stem DN 15-65	X39CrNi17-1 (1.4122), X22CrMoV12-1 (1.4923)				
Disc DN 80-100	C22.8 (1.0460)	16Mo3 (1.5415)	13CrMo4-5 (1.7335)	11CrMo9-10 (1.7383)	14MoV6-3 (1.7715)
Seat ring	BT9; Stellite				
Upper stem	X17CrNi16-2 (1.4057), X39CrNi17-1 (1.4122)				
Wheel	Cast iron				

Special materials on request; modifications reserved.

DIMENSIONS:

Standard – butt weld ends						H	h	Dk	Końierzowe „K”							
DN	d	Dz	Dw	L	Weight				Dz	Dp	Do	do	n	L	g	f
10	10	20	10	160	3,00	205	12	200	-	-	-	-	-	-	-	-
15	14	28	17						145	45	100	22	4	240	30	2
20	20	35	21,5	160	7,50	266	19	280	-	-	-	-	-	260	-	-
25	24	44	29						180	68	130	26	4	260	38	2
32	30	50	33	300	29,00	418	23	500	-	-	-	-	-	300	-	-
40	38	62	40						220	88	165	30	4	300	48	3
50	44	77	49,5						235	102	180	30	8	350	52	3
65	62	91	62	340	41,00	714	45	GNR 700	290	122	225	33	8	400	64	3
80	76	117	81	380	83,00	637	36	GNR 500	305	138	240	33	8	450	68	3
100	92	144	102	430	125,00	720	50	GNR 500	370	162	295	39	8	520	80	3

Dimensions in mm; modifications reserved.

TECHNICAL DATA:

Body material	PN	Maximal working pressure at working temperature																	
		20°C	100°C	150°C	200°C	250°C	300°C	350°C	400°C	450°C	480°C	500°C	520°C	530°C	540°C	560°C	570°C	600°C	
(P250GH)C 22.8 (1.0460)	400	400,0	400,0	400,0	400,0	400,0	358,0	310,0	262,0	165,0	-	-	-	-	-	-	-	-	
16Mo3 (1.5415)	400	400,0	400,0	400,0	400,0	400,0	400,0	400,0	382,0	369,0	222,0	176,0	141,0	112,0	-	-	-	-	
13CrMo4-5 (1.7335)	400	400,0	400,0	400,0	400,0	400,0	400,0	400,0	400,0	400,0	327,0	276,0	224,0	186,0	146,0	95,0	79,0	-	
14MoV6-3 (1.7715)	400	400,0	400,0	400,0	400,0	400,0	400,0	400,0	400,0	400,0	400,0	400,0	355,0	312,0	269,0	205,0	174,0	-	
11CrMo9-10 (1.7383)	400	400,0	400,0	400,0	400,0	400,0	400,0	400,0	400,0	393,0	379,0	322,0	246,0	215,0	186,0	138,0	122,0	81,0	

MOUNTING AND OPERATING:

The valve can only be mounted and operated by skilled, properly trained and qualified personnel. Incorrect assembly or operation of the valve may have substantial impact on the entire system such as fluid leakage, reduction in system's function etc.

Before a valve is installed the pipeline must be clean from any mechanical impurities. The compatibility of critical parameters of the flow must be checked with the parameters of the valve. Stop globe valve can be mounted to a pipe-line in any position. The direction of flow should only comply with the arrow marked on the body. The valve should be operated strictly with its assign. In order to provide valve's reliability the following suggestions must be observed:

- medium flowing through the valve is supposed to be clean out of any mechanical impurities;
- the valve must be protected from any mechanical damages during its work;
- nominal parameters marked on the valve must be observed.

STOP GLOBE VALVE TYPE 669

CHARACTERISTIC:

Diameter	-	10 - 100 mm;
Pressure	-	500 bar;
Temperature	-	up to 670°C;
Medium	-	water, steam and other non-toxic, non aggressive liquid and gas media.

VERSIONS:

type / ends / body material / disc and disc ring / drive type

Example: 669 / --- / --- / --- / ---

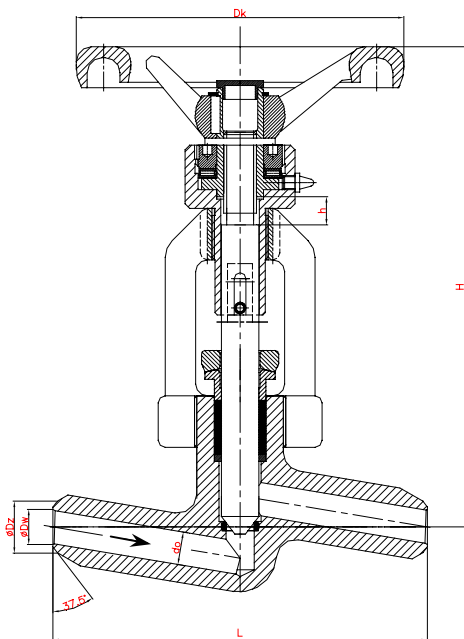
Example: 656 / SW / U / L / ---

Ends	Sign	Body material	Sign	Disc and disc ring	Sign	Drive type	Sign
Standard-butt weld ends	---	(P250GH) C 22.8	---	Standard	---	Hand wheel	---
Socket weld	SW	16Mo3	U	Stellit ring	L	AUMA drive	NA
		13CrMo4-5	A			NWA drive	NW
		11CrMo9-10	B			MODACT drive	NM
		14MoV6-3	C			Pneumatic drive	NP
		X10CrMoVNb9-1	E				

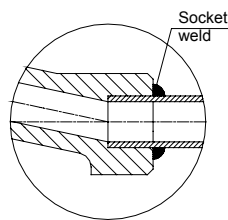
APPLICATION:

Stop globe valve (**659**) is designed to open and stop the flow. The valve is not supposed to be used as a regulating device. For regulation the version (**684**) with throttling plug should be applied.

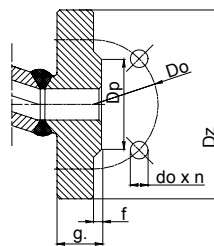
DN 10 ÷ 15



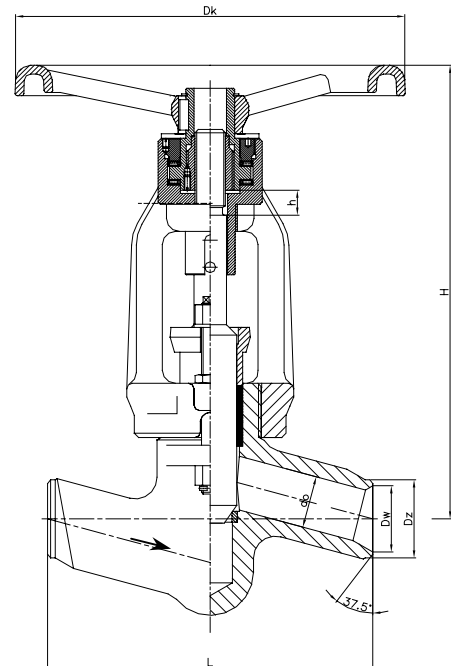
"SW"



"K"



DN 20 ÷ 50



MATERIALS:

Versions	Standard	U	A	B	C
Parts	T _{MAX} 450°C	T _{MAX} 530°C	T _{MAX} 560°C	T _{MAX} 600°C	T _{MAX} 570°C
Body	(P250GH) C22.8 (1.0460)	16Mo3 (1.5415)	13CrMo4-5 (1.7335)	11CrMo9-10 (1.7383)	14MoV6-3 (1.7715)
Bonnet	DN 15-25 13CrMo4-5 (1.7335)		DN 32-125 G17CrMo5-5 (1.7357)		
Stem DN 15-65	X39CrNi17-1 (1.4122), X22CrMoV12-1 (1.4923)				
Disc DN 80-125	C22.8 (1.0460)	16Mo3 (1.5415)	13CrMo4-5 (1.7335)	11CrMo9-10 (1.7383)	14MoV6-3 (1.7715)
Seat ring	BT9; Stellite				
Upper stem	X17CrNi16-2 (1.4057), X39CrNi17-1 (1.4122)				
Wheel	Cast iron				

Special materials on request; modifications reserved.

DIMENSIONS:

Standard – butt weld ends						H	h	Dk
DN	d	Dz	Dw	L	Weight			
10	10	20	9,5	160	9,00	205	12	200
15	14	28	16					
20	20	35	21,5	160	9,00	266	19	280
25	24	44	26					
32	30	56	32,5	300	30,00 40,00 70,00	418	23	500
40	38	65	43					
50	44	83	49,5					
65	62	91	59	340	-	714	45	GNR 700
80	76	117	76,5	380	-	637	36	GNR 500
100	92	155	106	430	-	720	50	GNR 500

Dimensions in mm; modifications reserved.

TECHNICAL DATA:

Body material	PN	Maximal working pressure at working temperature																
		20°C	100°C	150°C	200°C	250°C	300°C	350°C	400°C	450°C	500°C	510°C	520°C	530°C	540°C	560°C	570°C	600°C
bar																		
C22.8 (1.0460)	500	500,0	500,0	500,0	453,0	405,0	358,0	310,0	262,0	165,0	-	-	-	-	-	-	-	-
16Mo3 (1.5415)	500	500,0	500,0	500,0	500,0	489,0	429,0	405,0	382,0	369,0	222,0	176,0	141,0	112,0	-	-	-	-
13CrMo4-5 (1.7335)	500	500,0	500,0	500,0	500,0	500,0	500,0	477,0	453,0	429,0	327,0	276,0	224,0	186,0	146,0	95,0	-	-
14MoV6-3 (1.7715)	500	500,0	500,0	500,0	500,0	500,0	500,0	500,0	498,0	484,0	480,0	460,0	355,0	312,0	269,0	205,0	174,0	-
11CrMo9-10 (1.7383)	500	500,0	500,0	500,0	500,0	489,0	465,0	441,0	417,0	393,0	379,0	322,0	246,0	215,0	186,0	138,0	122,0	81,0
Body material	PN	Maximal working pressure at working temperature																
		20°C	530°C	540°C	550°C	560°C	570°C	580°C	590°C	600°C	610°C	620°C	630°C	640°C	650°C	660°C	670°C	
bar																		
X10CrMoVNB9-1 (1.4903)	500	500	479	436	395	357	319	286	252	224	198	174	155	133	117	100	86	

MOUNTING AND OPERATING:

The valve can only be mounted and operated by skilled, properly trained and qualified personnel. Incorrect assembly or operation of the valve may have substantial impact on the entire system such as fluid leakage, reduction in system's function etc.

Before a valve is installed the pipeline must be clean from any mechanical impurities. The compatibility of critical parameters of the flow must be checked with the parameters of the valve. Stop globe valve can be mounted to a pipe-line in any position. The direction of flow should only comply with the arrow marked on the body. The valve should be operated strictly with its assign. In order to provide valve's reliability the following suggestions must be observed:

- medium flowing through the valve is supposed to be clean out of any mechanical impurities;
- the valve must be protected from any mechanical damages during its work;
- nominal parameters marked on the valve must be observed.