STOP GLOBE VALVE
TYPE 648T

CHARACTERISTIC:

Diameter	-	15 -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: 648T / --- / --- / --- / ---

Example: 648T / K / U / --- / ---

Ends	Sign
Standard-butt weld ends	---
Socket weld	SW
Flange by DIN or ANSI, or Threaded	K

Body material	Sign
(P250GH) C 22.8	---
16Mo3	U
13CrMo4-5	A
11CrMo9-10	B
14MoV6-3	C

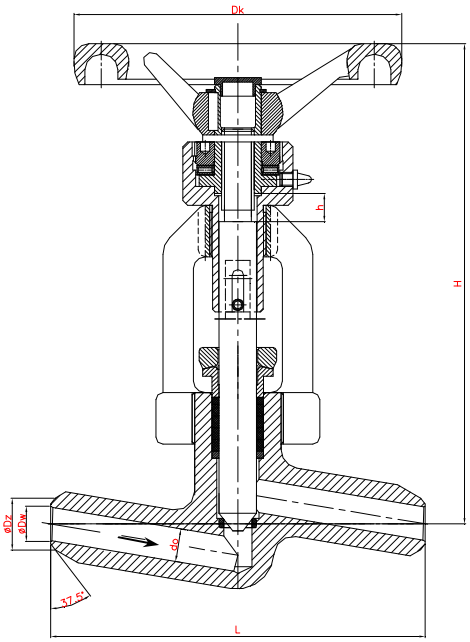
Disc and disc ring	Sign
Standard	---

Drive type	Sign
Hand wheel	---
AUMA drive	NA
NWA drive	NW
MODACT drive	NM
Pneumatic drive	NP

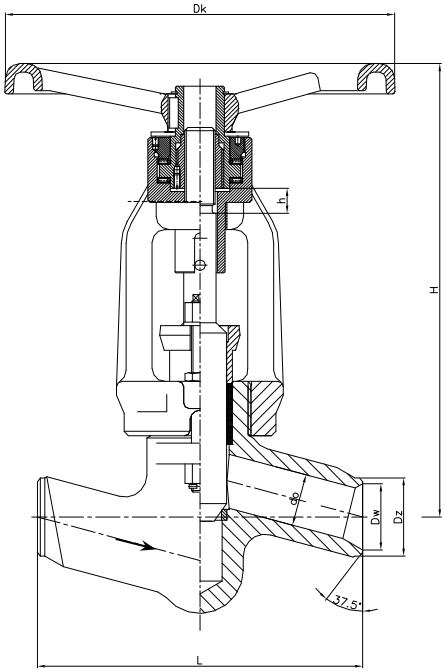
APPLICATION:

Stop globe valve **(648T)** 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.

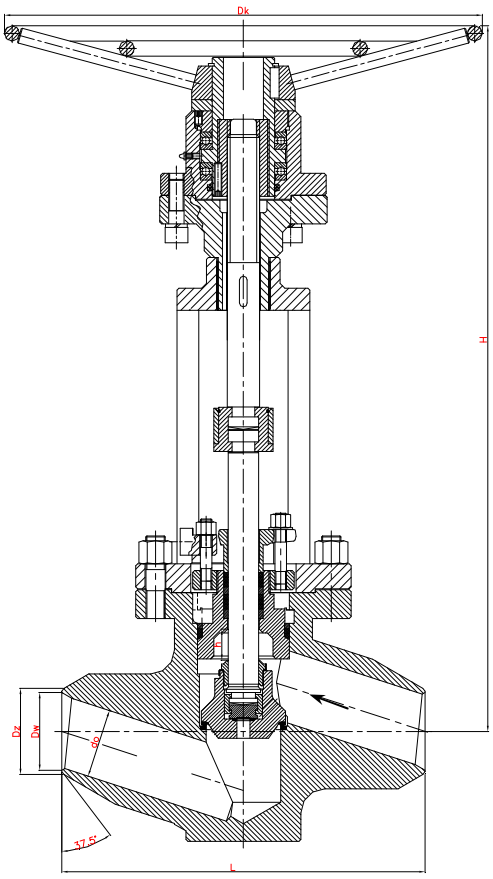
DN 10 ÷ 15



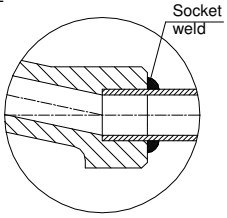
DN 20 ÷ 50



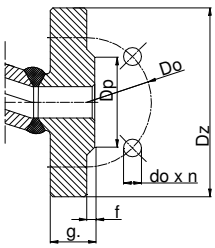
DN 65 ÷ 100



"SW"



"K"



LRQA CERTIFIED ISO 9001

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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	BT9				
Disc DN 80-125	11CrMo9-10 (1.7383)+Stellit	11CrMo9-10 (1.7383)+Stellit	11CrMo9-10 (1.7383)+Stellit	11CrMo9-10 (1.7383)+Stellit	11CrMo9-10 (1.7383)+Stellit
Seat ring	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					
32	30	44	32,5	300	29,50	418	23	360
40	38	50	38,5					
	36							
50	44	62	45					
	42							
65	62	77	59,5	340	-	714	45	500
	56							
80	76	117	93	380	-	637	36	500
100	92	144	116,5	430	-	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
		bar																
(P250GH)C 22.8 (1.0460)	**250**	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	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.

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