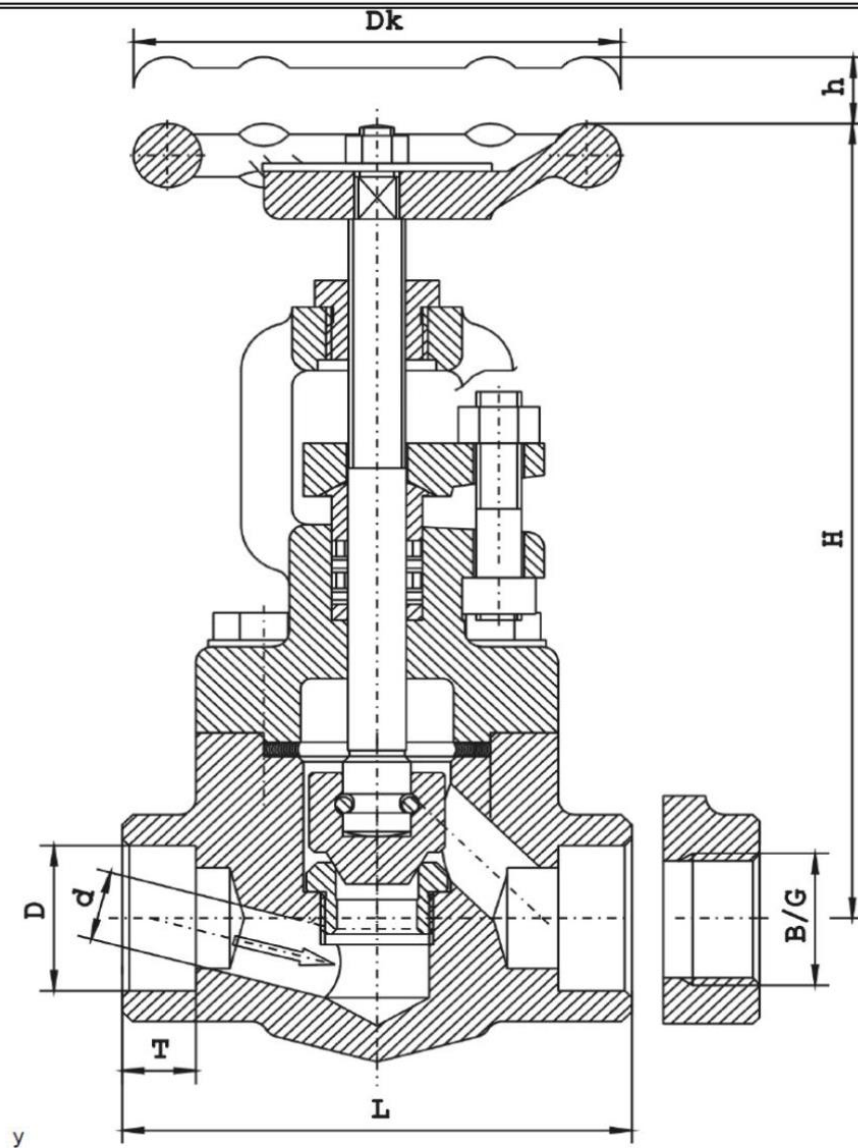


Globe Valve
 CLASS 800
 KL800
 DN 3/8" – 2"/800 lbs/Tmax 425 °C



Dimensions:

ND	B	G	d	D	L	T	H	h	D _K	Weight kg
mm										
3/8	NPT 3/8'	3/8'	8	17,6	80	10	160	10	80	1,8
1/2	NPT 1/2'	1/2'	10	21,8	80	10	160	10	80	1,9
3/4	NPT 3/4'	3/4'	13	27,4	90	13	165	13	80	2,1
1	NPT 1'	1'	18	34,2	110	13	180	13	100	3,7
1 1/2	NPT 1 1/2'	1 1/2'	28	48,6	150	19	270	22	160	9,0
2	NPT 2'	2'	33	61,1	180	22	275	27	160	11,5

Globe Valve

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Application:

Globe valves with flanges can be installed in any position on the pipeline, paying attention on correct flow direction of medium, that should be in accordance with marking on the body. They are destined for closing the medium flow. With regulating type of disc serves to throttling the medium flow.

Medium:

The valves are applicable for crude oil products, petroleum, heating oil, water, steam and other neutral liquids and gases in temp. range between -29 °C up to +425 °C.

Application range:

Nominal pressure CLASS 800 PN 136	Maximum operating pressure at medium temperature [°C]						
	- 29 to 38°C	100°C	150°C	200°C	315°C	350°C	425°C
[psig]	1975	1800	1750	1690	1460	1420	1100
[bar]	136	123	120	117	102,5	98	76,3

Detailed informations can be found on the graph "Fitting's permissible working parameters for applied materials" (layout p/t) in part IV of the catalogue.

Materials:

Description	Material	
	A105 / F6	A105 / F316
Body	A105	A105
Bonnet	A105	A105
Stem	X30Cr13	18-8 Cr Ni
Seat	X17CrNi16-2	18-8 Cr Ni
Disc	X30Cr13	18-8 Cr Ni
Packing	Graphite	Graphite

Remarks:

- Design acc. to API STANDARD 602.
- Connection types - SW - socket welding ends acc. to ASME / ANSI B16.11
BW - butt-welding ends acc. to ANSI B16.25
NPT- threaded ends –female type acc. to ASME / ANSI B1.20.1
G - threaded ends (pipe thread)
- Tests and requirements acc. to API STANDARD 598.
- Quality certificate, depends on customer requirements acc. to PN-EN 10204:2005.

