

Kägelventiler Protek – 2430



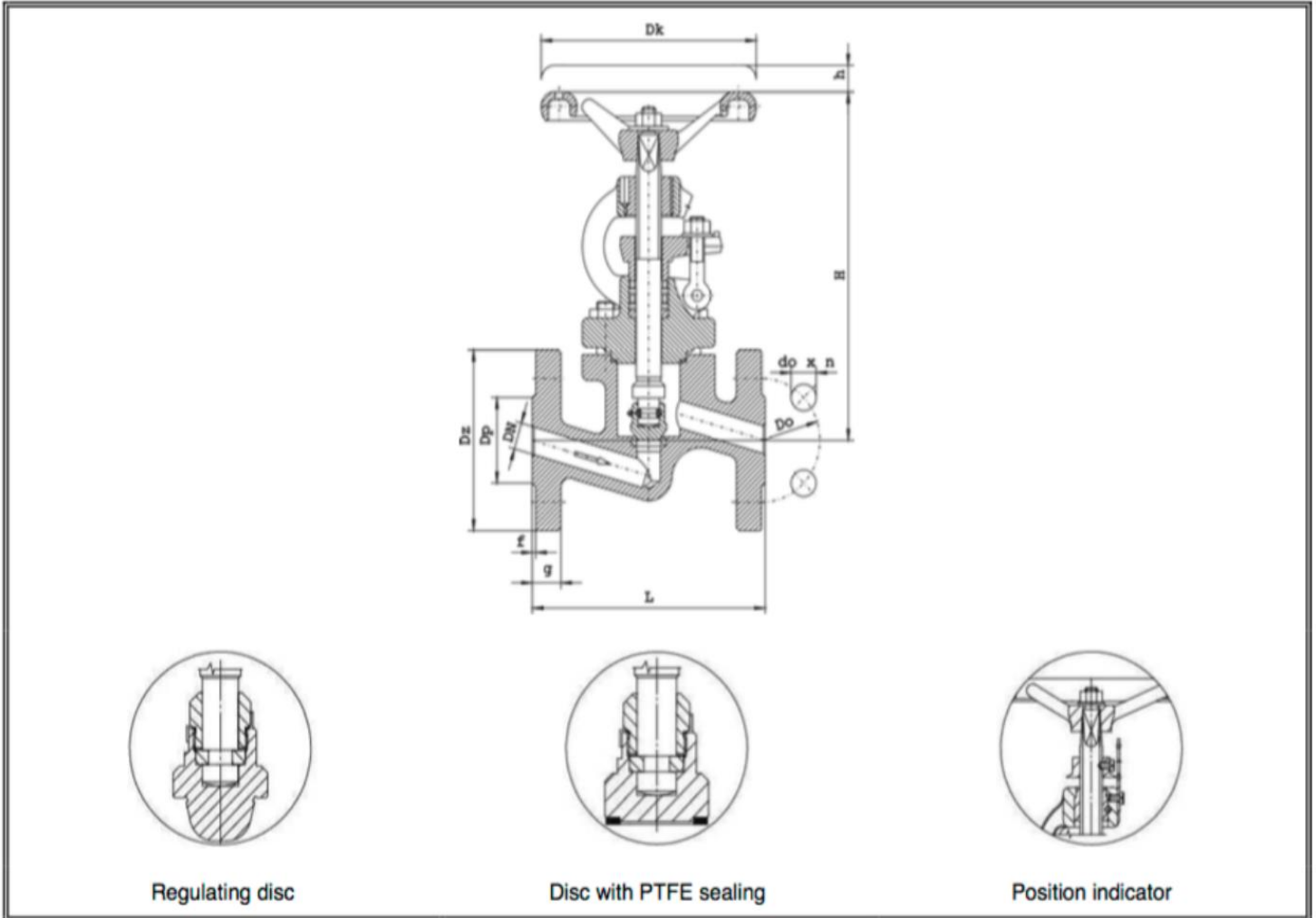
Globe valve with flanges in straight form

Cat. no. 450

- 450WM - for marine service
- 450A - for stainless steel valves

DN 15 - 25 / PN 40 MPa / Tmax=450 C *

* For stainless steel performance (A) Tmax for material 1.4571 (X6CrNiMoTi17-12-2): -196 C up to +300 C



Dimensions:

ND	D_z	D_p	D_0	$d_0 \times n$	L	f	g	H	h	D_k	Weight
mm											kg
15	95	45	65	14 x 4	130	2	16	190	14	120	4,60
20	105	58	75	14 x 4	150	2	18	190	14	120	5,30
25	115	68	85	14 x 4	160	2	18	190	14	120	6,00

Application:

Globe valve can be installed in any position on the pipeline, depending on correct flow direction of 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, sea water, steam, oil and other non-aggressive fluids and gases with operating temp. from – 10 °C up to 450 °C, for marine service - marked "WM", for aggressive medium like acids salt solutions etc., made of stainless steel.

Application range:

Nominal pressure PN [bar]	Maximum operating pressure at medium temperature (°C)						
	- 10 to 120 °C	200 °C	250 °C	300 °C	350 °C	400 °C	450 °C
1.0460 (GP250GH)	40	35	32	28	24	21	18
1.4571 (X6CrNiMoTi17-12-2)	40	36	34	32			

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		
	standard	for marine service	stainless steel
Body	1.0460	1.0460	X6CrNiMoTi17-12-2
Body seat	17 Cr	17 Cr	X6CrNiMoTi17-12-2
Bonnet	1.0460 / 1.0619	1.0460 / 1.0619	X6CrNiMoTi17-12-2 (X6CrNiTi18-10)
Stem	13 Cr	17 Cr	X6CrNiTi18-10
Disc seat	13 Cr	17 Cr	18-8 Cr-Ni
Packing	Graphite	Graphite	Graphite

Remarks:

1. Standard flanges: with raised face "B1", drilled acc. to PN-EN 1092-1:2004. On request – the other type of raised face acc. to PN-EN 1092-1:2004, ANSI, BS, DIN or according to individual request of the customer.
2. We produce the valves with flanges designed for NP (0,6 – 2,5) [MPa].
3. Tests and requirements of valves acc. to PN-EN 12266-1:2003.
4. Tightness class – A acc. to PN-EN 12266-1:2003.
5. Face to face dimension acc. to PN-EN 558-1:2001.
6. Quality certificate, depends on customer request – acc. to PN-EN 10204:2005.
7. We produce the valves designed for marine service –WM acc. to PN-W-74017:1998 Standard -on request, the valves can be tested and meet the requirements of Classification Societies as: GL, LRS, BV, DNV, PMPC (Russian Maritime Register of Shipping), ABS, RINA.