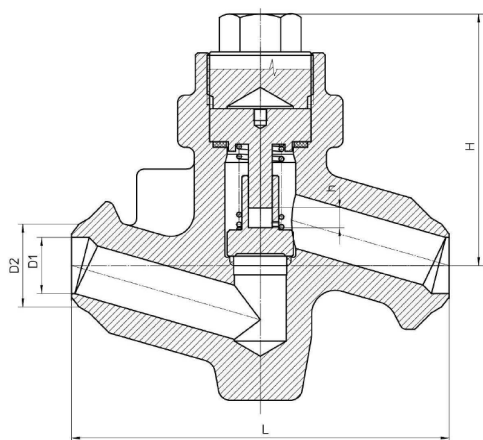


CHECK VALVES

Model 482, 482A, 482B ja 482U
DN 15-50, PN 250-500



PARTS

Part	Material				
	Tmax 450°C	Model U Tmax 530°C	Model A Tmax 550°C	Model B Tmax 580°C	Tmax 650°C
Body	P250GH (1.0460)	16Mo3 (1.5415)	X30CrMo4-5 (1.7335)	CrMo9-10 (1.7383)	X10CrMo VNb9-1 (P91; 1.4903)
Bonnet DN 15-25 DN 32-50	P250GH GP240GH	11CrMo9-10 GX17CrNi16-2Mo5-5			X10CrMoVNb9-1
Body seat	Skawm-IG	Stellite			
Disc seat	X30Cr13	Stellite			
Packing	Graphite				

DIMENSIONS AND WEIGHTS

DN	D1			D2			L	H	kg
	PN 250	PN 320	PN 500	PN 250	PN 320	PN 500			
15	16,0	15,0	16,5	22	22	32	160	106	10
20	20,0	20,0	20,0	27	28	38	160	106	10
25	26,5	24,0	23,5	35	35	47	160	106	10
32	30,0	30,0	30,0	40	40	58	250	150	20
40	38,5	36,0	33,5	49	49	66	250	150	20
50	45,0	49,5	45,0	61	77	86	250	150	20

APPLICATION RANGE

Material	PN	Max operating pressure at medium temperature (°C)												
		100	300	400	450	500	510	530	550	580	600	620	640	650
P250GH	320	320	308	216	132									
	500	500	400	320	235									
13CrMo4-5	320	320	320	320	320	266	223	150	93					
16Mo3	500	500	500	500	500	383	324	218	137					
	320	320	320	298	288	179	136	86						
	500	500	500	453	437	290	231	146						
11CrMo9-10	320	320	320	320	320	286	250	188	138	88				
	500	500	500	500	500	421	368	281	212	137				
11CrMoVNB9-1	500	500	500	500	500	500	500	500	453	359	281	212	181	137

APPLICATION

Check valves as one-way type prevents the pipelines and equipment against reverse flow of medium. They can be installed in horizontal and vertical position on the pipeline, but paying attention on correct flow of direction, that should be in accordance with marking on the body.

MEDIUM

The valves are applicable for water, steam, oil and other non-aggressive fluids and gasses with operating parameters in the range from -29°C to 650°C