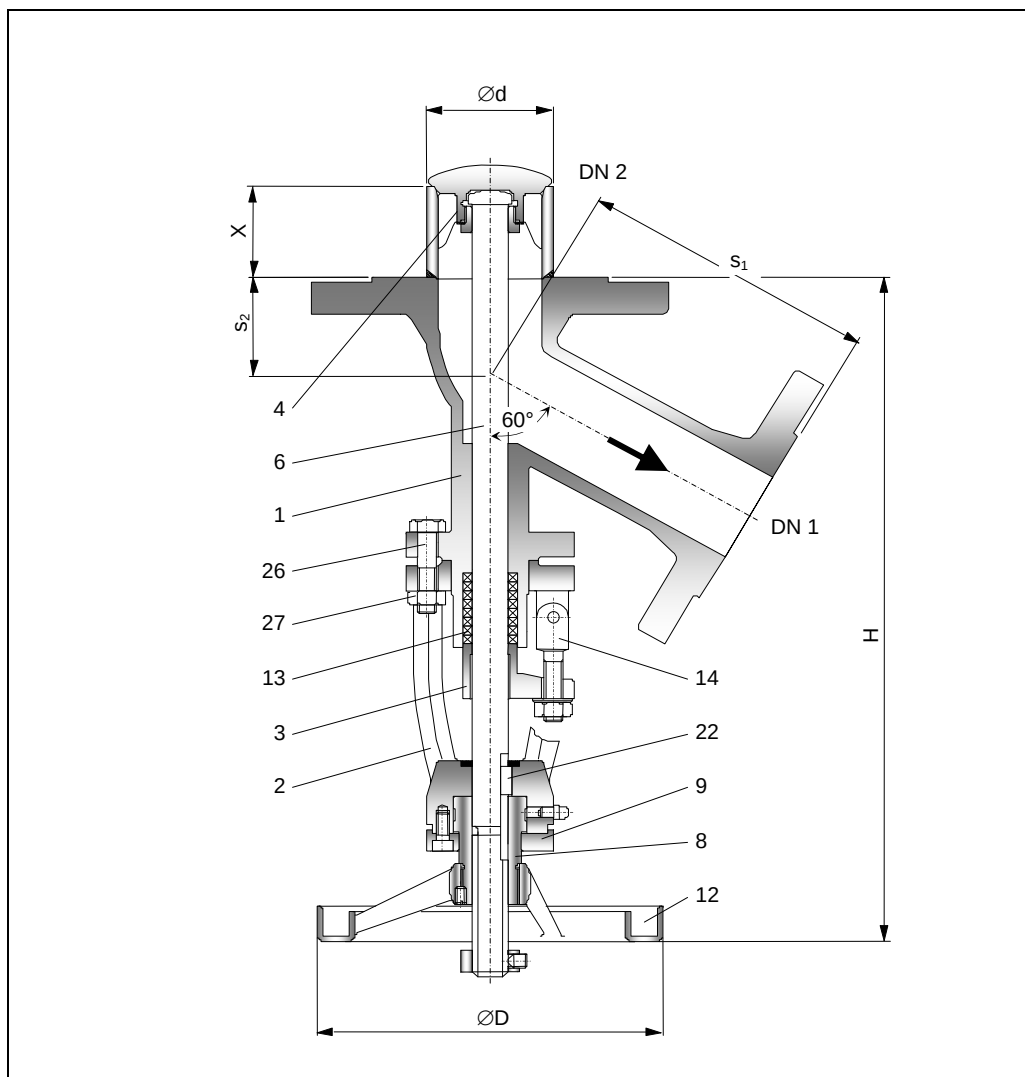




1901

Bottom valve

PN 10-16 DN 25-200

Design

Disk opening into the tank

Top part

Outside screw
Non-rising handwheel
Rising stem

Obturator

Disk

Body seat

Integral seat at the neck,
Length „X“ as customer's
specification

Valve ends

Flanges acc. to
EN 1092-1 (DIN 2501
Part 1)

Requirements and tests

Acc. to DIN 3230 Part 3

Marking

Nominal size DN
Nominal pressure PN
Body material
Manufacturer brand
Flow direction arrow

Pos. Denomination Material

Pos.	Denomination	Material
1	Body	1.4408
2	Yoke	1.0619
3	Gland	1.4571
4	Disk	1.4408
6	Stem	1.4571
8	Sleeve	0.7040
9	Cover	1.0040

Pos. Denomination Material

Pos.	Denomination	Material
12	Handwheel	0.6020
13	Packing	Graphite
14	Hasp screw	1.4571
22	Fitting key	1.0531
26	Stud bolt	A4-70
27	Hex. Nut	A4

¹ further materials are shown in the technical part

DN1/DN2	25/32	32/40	40/50	50/65	65/80	80/100	100/125	125/150	150/200	200/250
S ₁	110	125	140	155	165	180	200	225	250	300
S ₂	45	45	50	55	60	70	70	75	110	125
H	270	275	315	370	380	475	495	535	605	655
Ød	32	40	50	65	80	100	125	150	175	225
Hub	0,3 x Ød									
ØD	120	120	150	180	180	210	250	280	320	360
„X“	to be specified									
b ₁ /b ₂	18/18	18/18	18/20	20/18	18/20	20/20	20/22	22/22	22/24	24/26
p _{max.} [bar]	16								12	8

1901**Bottom valve****PN 10-16 DN 25-200****Pressure/Temperature ratings in bar g at Temperature in °C**

Material	PN	50°C	100°C	120°C	150°C	200°C	250°C	300°C					
»1.4408«	10	10,0	8,2	8,2	7,2	6,2	5,7	5,1					
GX6CrNiMo18-10-2	16	16,0	13,2	13,2	11,6	10,0	9,1	8,2					
EN 10213													

Modifications

Heating jacket
Soft seated disk

Additional equipment

pneumatic actuator

Installation

Piping is to be in such a manner that injurious thrust and bending forces are kept away from the valve casings.

06/2008 - 1901.100-200.205e – Subject to change without notice