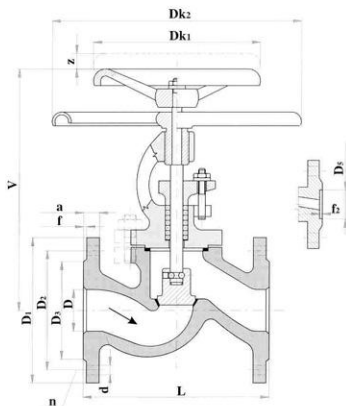


Blow-down valve

B 10 111-540

PN 40



Application

Valve intended for discharge of mud and sludge from steam boilers for service pressures and temperatures:

Temperature [°C]	Pressure [MPa]
200	4,00
300	3,2

The valve is not suitable for regulation.

Technical description

The valve is provided with two handwheels. Smaller wheel is mounted on a stem and is intended for cleaning of a seat from rough impurities, larger wheel is intended for opening and closing of the valve. Disc is rotary connected with stem. The stem is sealed with gland packing in a yoke. Service medium flow direction is under the disc.

Connecting and face-to-face dimensions

Basic connecting and face-to-face dimensions are given in the table below.

Material

Body	carbon steel (422643.1)
Stem	stainless steel (class 17)
Disc	stainless steel (class 17)
Seat	stainless steel + overlay
Stem sealing	PD 005-1

Installation

The valve can be installed in horizontal or vertical piping.

DN	D	L	V	z	D ₁	D ₂	D ₃	D ₄	a	f	f ₂	d	n	D _{k1}	D _{k2}	kg
25	25	160	210	15	115	85	68	58	18	2	3	14	4	100	160	5,2
40	40	200	280	25	145	110	88	76	18	3	3	18	4	160	250	11
50	50	230	280	25	160	125	102	88	20	3	3	18	4	160	250	15
65	65	290	280	25	180	145	122	110	22	3	3	18	8	160	250	20