



Application

Standard design of this valve is intended for closing of water and steam flow, upon request also for other non-aggressive liquids and vapors for service pressures and temperatures:

Temperature [°C]	DN 10 až 32	DN 40 až 65
	Pressure [MPa]	
150	0,30	0,20

The gate valve is not suitable for flow regulation.

Technical description

The bonnet gate valve has a two-arm lever with fork. The lever is joined to non-rotating rising stem. Brass sealing rings are pressed into the body and wedge. Stem is sealed with gland packing in a bonnet.

Connecting and face-to-face dimensions

Face-to-face dimension as per ČSN EN 558-, line 14, DIN 3202 F4. Flange connection dimensions as per ČSN 13 1060 DIN 2501. Flange faces as per ČSN 13 1061, DIN 2526.

Material

Body, bonnet, wedge grey cast iron (GG-25)
 Stem stainless steel (13 Cr)
 Sealing surfaces brass
 Gland packing asbestos-free fibre

Testing

The gate valve is tested per ČSN 13 3060, part 2, DIN 3230-3.

Installation

The gate valve can be installed in horizontal piping with stem vertical and lever upwards.

Operation

The gate valve is operated by a two-arm lever.

DN	L	V	D ₁	D ₂	D ₃	R ₁	R ₂	a	f	n	d	kg
80	180	630	190	150	128	330	172	18	3	4	18	19
100	190	690	210	170	148	380	227	18	3	4	18	26
150	210	910	265	225	202	470	257	20	3	8	18	46