



ECON® Bellow sealed valve Type: 434 Ductile cast iron Flange PN25

ECON® ductile iron bellow sealed globe valve, SS trim, double bellow, straight pattern, flanged connection, outside screw & yoke, non-rising hand wheel. Suitable for simple flow regulation.

Area of application

General industry, power stations, flue gas purification plant, steam facilities, heating technology, district heating, thermal oil applications, ammonia plants, vacuum facilities.

Characteristics

Type: 434

Norm: EN [DIN]

Construction type: Straight

Housing material: Ductile cast iron

Surface protection: Standard manufacturers coating

Connection: Flange

Flange finish: Raised face

Stem seal type: Bellows

Material disc: 1.4021+QT

Spindle material: 1.4021

Primary spindle seal material: Graphite

Bellows material: 1.4571

Material bonnet: EN-JS1025

Characteristics (2)

Bonnet gasket material: Stainless steel/graphite

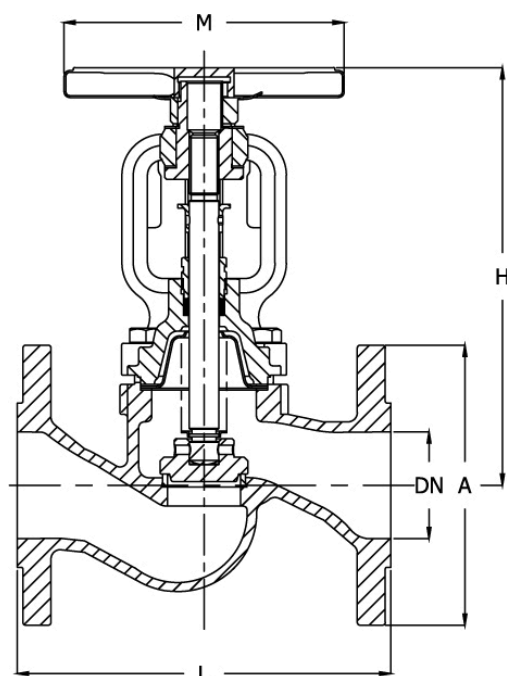
Actuator material: Steel

Minimum medium temperature (continuous): -10 °C

Maximum medium temperature (continuous): 350 °C

Maximum pressure difference at 20 °C: 25 bar

With position indicator: Yes



Size table:

DN	A	H	L	M	Weight
	mm	mm	mm	mm	kg
DN15	95	178	130	125	3.2
DN25	115	193	160	125	4.85
DN40	150	224	200	150	9
DN50	165	228	230	150	11
DN65	185	270	290	175	15.8
DN80	200	295	310	200	24.3

Pressure and temperature range

Pressure rating	-10/120	150	200	250	300	350	[°C]
PN25	25	24.3	23	21.8	20	17.5	[bar]

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Material quality	Nominal inner diameter	Pressure rating	Face to Face norm	Face to Face length	Operation	Type of disc	Type of bonnet	Sealing	Kv value	Article
				mm					m³/h	
EN-JS1025	DN15	PN25	EN 558, Series 1	130	Hand wheel, non-rising with rising stem	Fixed disc	Bolted bonnet	Stainless steel	5.9	EC004340015-NA24E
EN-JS1025	DN25	PN25	EN 558, Series 1	160	Hand wheel, non-rising with rising stem	Fixed disc	Bolted bonnet	Stainless steel	13	EC00434002-5NA24E
EN-JS1025	DN40	PN25	EN 558, Series 1	200	Hand wheel, non-rising with rising stem	Fixed disc	Bolted bonnet	Stainless steel	30	EC00434004-0NA24E
EN-JS1025	DN50	PN25	EN 558, Series 1	230	Hand wheel, non-rising with rising stem	Fixed disc	Bolted bonnet	Stainless steel	41	EC00434005-0NA24E
EN-JS1025	DN65	PN25	EN 558, Series 1	290	Hand wheel, non-rising with rising stem	Fixed disc	Bolted bonnet	Stainless steel	79	EC00434006-5NA24E
EN-JS1025	DN80	PN25	EN 558, Series 1	310	Hand wheel, non-rising with rising stem	Fixed disc	Bolted bonnet	Stainless steel	115	EC00434008-0NA24E

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