



ECON® Bellow sealed valve Type: 433 Ductile cast iron Flange PN16

ECON® cast iron bellow sealed globe valve, SS trim, double bellow, straight pattern, flanged connection, outside screw & yoke, non-rising hand wheel.

Area of application

General industry, power stations, flue gas purification plant, heating technology, ammonia plants, vacuum facilities.

Characteristics

Type: 433

Norm: EN (DIN)

Construction type: Angle pattern

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

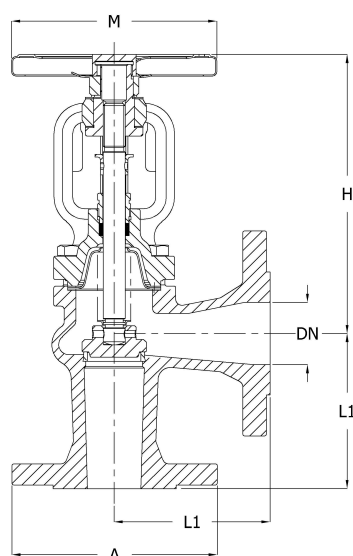
Minimum medium temperature (continuous): -10 °C

Maximum medium temperature (continuous): 350 °C

Maximum pressure difference at 20 °C: 16 bar

With position indicator: Yes

Size table:



DN	A	H	L	M	Weight
	mm	mm	mm	mm	kg
DN15	95	181	90	125	3.2
DN20	105	178	95	125	3.7
DN25	115	192	100	125	4.9
DN32	140	188	105	125	6.5
DN40	150	205	115	150	8.8
DN50	165	211	125	150	9.7
DN65	185	242	145	175	13.8
DN80	200	251	155	200	18
DN100	220	307	175	250	31
DN125	250	337	200	300	44

Pressure temperature range							
Pressure rating	-10/120	150	200	250	300	350	[°C]
PN16	16	15.5	14.7	13.9	12.8	11.2	[bar]

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Material quality	Nominal inner diameter	Pressure rating	Face to Face norm	Face to Face length mm	Operation	Type of disc	Type of bonnet	Sealing	Kv value m³/h	Article
EN-JS1025	DN15	PN16	EN 558, Series 8	90	Hand wheel, non-rising with rising stem	Fixed disc	Bolted bonnet	Stainless steel	7.2	13457120
EN-JS1025	DN20	PN16	EN 558, Series 8	95	Hand wheel, non-rising with rising stem	Fixed disc	Bolted bonnet	Stainless steel	9.2	13457121
EN-JS1025	DN25	PN16	EN 558, Series 8	100	Hand wheel, non-rising with rising stem	Fixed disc	Bolted bonnet	Stainless steel	16	13457122
EN-JS1025	DN32	PN16	EN 558, Series 8	105	Hand wheel, non-rising with rising stem	Fixed disc	Bolted bonnet	Stainless steel	22	13457123
EN-JS1025	DN40	PN16	EN 558, Series 8	115	Hand wheel, non-rising with rising stem	Fixed disc	Bolted bonnet	Stainless steel	37	13457124
EN-JS1025	DN50	PN16	EN 558, Series 8	125	Hand wheel, non-rising with rising stem	Fixed disc	Bolted bonnet	Stainless steel	51	13457125
EN-JS1025	DN65	PN16	EN 558, Series 8	145	Hand wheel, non-rising with rising stem	Fixed disc	Bolted bonnet	Stainless steel	98.5	13457126
EN-JS1025	DN80	PN16	EN 558, Series 8	155	Hand wheel, non-rising with rising stem	Fixed disc	Bolted bonnet	Stainless steel	143	13457127
EN-JS1025	DN100	PN16	EN 558, Series 8	175	Hand wheel, non-rising with rising stem	Fixed disc	Bolted bonnet	Stainless steel	226	13457128
EN-JS1025	DN125	PN16	EN 558, Series 8	200	Hand wheel, non-rising with rising stem	Fixed disc	Bolted bonnet	Stainless steel	291	13457129

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