



ECON® Bellow sealed valve Type: 432 Ductile cast iron Flange PN16

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

Area of application

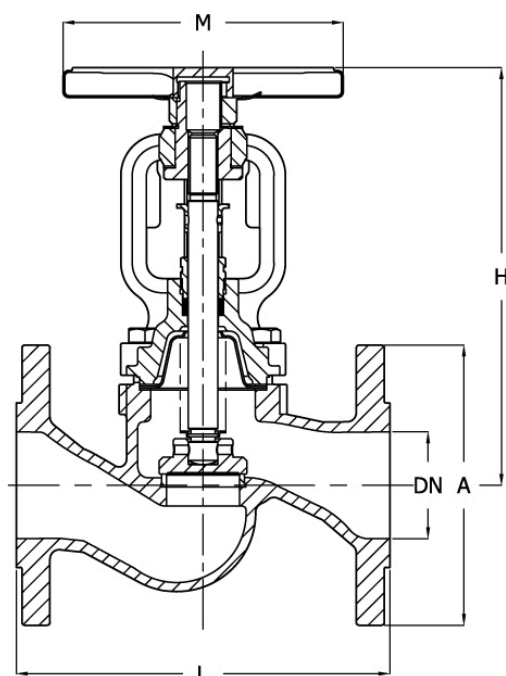
General industry, power stations, flue gas purification plant, steam facilities, heating technology, district heating, thermal oil applications, ammonia plants, vacuum facilities.

Characteristics

Type: 432
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: 16 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
DN20	105	178	150	125	3.9
DN25	115	193	160	125	4.85
DN32	140	201	180	125	6.5
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
DN100	220	325	350	250	35
DN125	250	380	400	300	49
DN150	285	427	480	400	76
DN200	340	569	600	500	130.5

Pressure and 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 1	130	Hand wheel, non-rising with rising stem	Fixed disc	Bolted bonnet	Stainless steel	5.9	13288290
EN-JS1025	DN20	PN16	EN 558, Series 1	150	Hand wheel, non-rising with rising stem	Fixed disc	Bolted bonnet	Stainless steel	7.4	13288291
EN-JS1025	DN25	PN16	EN 558, Series 1	160	Hand wheel, non-rising with rising stem	Fixed disc	Bolted bonnet	Stainless steel	13	13288292
EN-JS1025	DN32	PN16	EN 558, Series 1	180	Hand wheel, non-rising with rising stem	Fixed disc	Bolted bonnet	Stainless steel	18	13288293
EN-JS1025	DN40	PN16	EN 558, Series 1	200	Hand wheel, non-rising with rising stem	Fixed disc	Bolted bonnet	Stainless steel	30	13288294
EN-JS1025	DN50	PN16	EN 558, Series 1	230	Hand wheel, non-rising with rising stem	Fixed disc	Bolted bonnet	Stainless steel	41	13288295
EN-JS1025	DN65	PN16	EN 558, Series 1	290	Hand wheel, non-rising with rising stem	Fixed disc	Bolted bonnet	Stainless steel	79	13288273
EN-JS1025	DN80	PN16	EN 558, Series 1	310	Hand wheel, non-rising with rising stem	Fixed disc	Bolted bonnet	Stainless steel	115	13288274
EN-JS1025	DN100	PN16	EN 558, Series 1	350	Hand wheel, non-rising with rising stem	Fixed disc	Bolted bonnet	Stainless steel	181	13288275
EN-JS1025	DN125	PN16	EN 558, Series 1	400	Hand wheel, non-rising with rising stem	Fixed disc	Bolted bonnet	Stainless steel	225	13288276
EN-JS1025	DN150	PN16	EN 558, Series 1	480	Hand wheel, non-rising with rising stem	Fixed disc	Bolted bonnet	Stainless steel	364	13193159
EN-JS1025	DN200	PN16	EN 558, Series 1	600	Hand wheel, non-rising with rising stem	Balanced valve	Bolted bonnet	Stainless steel	725	13288277

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