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

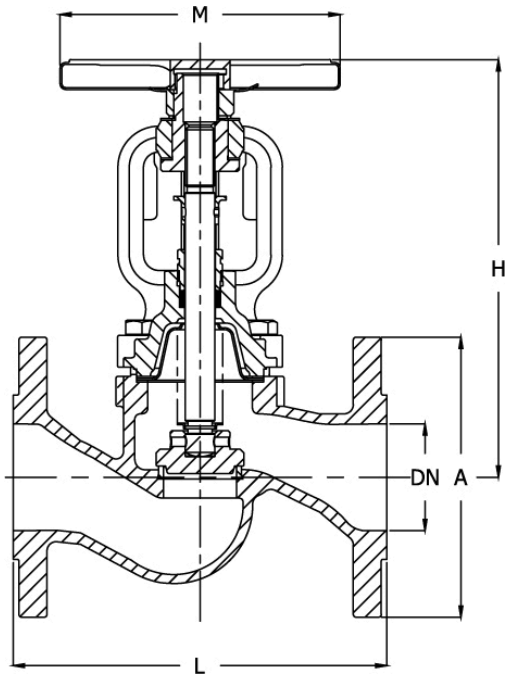
General industry, power stations, flue gas purification plant, steam facilities, heating technology, district heating, thermal oil applications, ammonia plants, vacuum facilities.

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
Sealing: Stainless steel
Material disc: 1.4021+QT
Spindle material: 1.4021
Primary spindle seal material: Graphite
Bellows material: 1.4571

Characteristics (2)

Material bonnet: EN-JS1025
Bonnet gasket material: Stainless steel/graphite
Actuator material: Steel
Minimum medium temperature (continuous): -10 °C
Maximum medium temperature (continuous): 350 °C
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	235	325	350	250	35
DN125	270	380	400	300	49
DN150	300	427	480	400	76

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]

PR1795329427156725O_EN_24.05.2024

ERIKS BV | Tel: +31 88 855 80 04 | E-mail: appendages@eriks.nl

Material quality	Nominal inner diameter	Pressure rating	Face to Face norm	Face to Face length	Operation	Type of disc	Type of bonnet	Maximum pressure difference at 20 °C	Kv value	Article
				mm				bar	m³/h	
EN-JS1025	DN15	PN25	EN 558, Series 1	130	Hand wheel, non-rising with rising stem	Fixed disc	Bolted bonnet	25	5.9	13288260
EN-JS1025	DN20	PN25	EN 558, Series 1	150	Hand wheel, non-rising with rising stem	Fixed disc	Bolted bonnet	25	7.4	13288261
EN-JS1025	DN25	PN25	EN 558, Series 1	160	Hand wheel, non-rising with rising stem	Fixed disc	Bolted bonnet	25	13	13468789
EN-JS1025	DN32	PN25	EN 558, Series 1	180	Hand wheel, non-rising with rising stem	Fixed disc	Bolted bonnet	25	18	13490498
EN-JS1025	DN40	PN25	EN 558, Series 1	200	Hand wheel, non-rising with rising stem	Fixed disc	Bolted bonnet	25	30	13144200
EN-JS1025	DN50	PN25	EN 558, Series 1	230	Hand wheel, non-rising with rising stem	Fixed disc	Bolted bonnet	25	41	13288262
EN-JS1025	DN65	PN25	EN 558, Series 1	290	Hand wheel, non-rising with rising stem	Fixed disc	Bolted bonnet	25	79	13288278
EN-JS1025	DN80	PN25	EN 558, Series 1	310	Hand wheel, non-rising with rising stem	Fixed disc	Bolted bonnet	25	115	13288279
EN-JS1025	DN100	PN25	EN 558, Series 1	350	Hand wheel, non-rising with rising stem	Fixed disc	Bolted bonnet	25	181	13288280
EN-JS1025	DN125	PN25	EN 558, Series 1	400	Hand wheel, non-rising with rising stem	Fixed disc	Bolted bonnet	25	225	13288281
EN-JS1025	DN150	PN25	EN 558, Series 1	480	Hand wheel, non-rising with rising stem	Fixed disc	Bolted bonnet	21	364	13252761

PR1795329427156725O_EN_24.05.2024