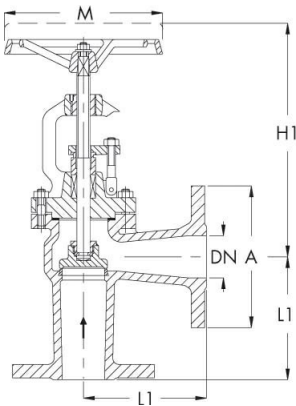


Fig. 418 Globe valve



econ®



Econ® cast steel globe valves with stainless steel trim, pressure rating PN 16 - 40, angle pattern, flanged ends acc. to DIN PN16/40, outside screw & yoke and rising handwheel.

Application

Steam, hot/cold water, oil, etc. For thermal oil, the use of bellow sealed globe valves is preferred.

Features

- Standard: DIN
- Pressure rating: PN 40
- Sealing: Stainless steel
- Connection: Flange
- Operation/Actuation: Hand wheel
- Standard face to face length: EN 558, Series 8
- Stem seal type: Gland seal
- Right-angled model: Yes
- Type: Globe valve
- Spindle and/or hand wheel rising: Yes
- Material quality: 1.0619+N
- Quality class spindle: 1.4021+QT
- Material cover gasket: Graphite
- Primary spindle seal material: Graphite
- Type of bonnet: Bolted bonnet
- Flange compression stage: PN 40
- Body material: Steel
- Disc material: 1.4021
- Actuator material: Cast iron
- Construction type: Right-angled

Pressure and Temp Range

	-10°C/120°C	150°C	200°C	250°C	300°C	350°C	400°C	450°C	
PN25	25	23,9	22	20	17,2	16	14,8	13,9	[bar]
PN40	40	38,1	35	32	28	25,7	23,8	22,2	[bar]

Dimensions

DN	A	L1	H1	M	Weight	Kv-value
[mm]					[kg]	m3/hour
15	95	90	159	120	5,2	5,2
20	105	95	159	120	7,2	9,2
25	115	100	178	140	7,4	15
32	140	105	178	140	8,4	24
40	150	115	221	160	12,4	37
50	165	125	229	160	13,6	58
65	185	145	263	180	20	96
80	200	155	297	200	25	150
100	235	175	336	225	34	235
125	270	200	387	250	53	360
150	300	225	466	400	70	510
200	375	275	588	520	148	905
250	450	325	690	520	188	1430
300	515	375	785	520	327	2040

Order Information

Stock	Article No.	Order code	DN	Type of valve	Face to face length [mm]	Seat material
S	EC004180015EA65	117767	DN 15	Fixed disc	90	1.4021
	EC004180015EK65	117768	DN 15	Screw down non-return disc with spring	90	1.4021
S	EC004180020EA65	117769	DN 20	Fixed disc	95	1.4021
	EC004180020EK65	117771	DN 20	Screw down non-return disc with spring	95	1.4021

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Fig. 418 Globe valve

Stock	Article No.	Order code	DN	Type of valve	Face to face length [mm]	Seat material
S	EC004180025EA65	117772	DN 25	Fixed disc	100	1.4021
S	EC004180025EK65	117773	DN 25	Screw down non-return disc with spring	100	1.4021
S	EC004180032EA65	117775	DN 32	Fixed disc	105	1.4021
	EC004180032EK65	117777	DN 32	Screw down non-return disc with spring	105	1.4021
S	EC004180040EA65	117779	DN 40	Fixed disc	115	1.4021
	EC004180040EK65	117781	DN 40	Screw down non-return disc with spring	115	1.4021
S	EC004180050EA65	117784	DN 50	Fixed disc	125	1.4021
	EC004180050EK65	117786	DN 50	Screw down non-return disc with spring	125	1.4021
	EC004180065EA65	117787	DN 65	Fixed disc	145	1.4551
	EC004180065EK65	117790	DN 65	Screw down non-return disc with spring	145	1.4551
S	EC004180080EA65	117791	DN 80	Fixed disc	155	1.4551
	EC004180100EA65	117795	DN 100	Fixed disc	175	1.4551
	EC004180125EA65	117801	DN 125	Fixed disc	200	1.4551
	EC004180125EK65	117802	DN 125	Screw down non-return disc with spring	200	1.4551
	EC004180150EA65	117803	DN 150	Fixed disc	225	1.4551

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