

Fig. 417 ® Globe valve



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

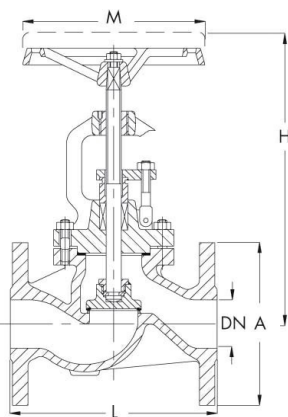
Application

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, Serie 1
- Stem seal type: Gland seal
- Type of bonnet: Bolted bonnet
- Flange compression stage: PN 40
- Body material: Steel
- Disc material: 1.4021+QT
- Actuator material: Cast iron
- Material cover gasket: Stainless steel/graphite
- Primary spindle seal material: Graphite
- Type: Globe valve
- Spindle and/or hand wheel rising: Yes
- Material quality: 1.0619+N
- Quality class spindle: 1.4021+QT
- Material cover: 1.0619+N
- Construction type: Straight

econ®



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	L	H	M	Weight	Kv-value
[mm]					[kg]	m ³ /hour
15	95	130	189	120	4,8	4,2
20	105	150	189	120	5,4	7,4
25	115	160	203	140	7,1	12
32	140	180	203	140	8	19
40	150	200	246	160	11,5	31
50	165	230	254	160	13,5	47
65	185	290	293	180	23,5	77
80	200	310	322	200	28	120
100	235	350	381	225	39,5	188
125	270	400	427	250	61	288
150	300	480	521	400	84	410
200	375	600	643	520	170	725
250	450	730	780	520	283	1145
300	515	850	890	520	414	1635

Order Information

Stock	Article No.	Order code	DN	Type of valve	Face to face length [mm]	Seat material
S	EC004170015CA65	117686	DN 15	Fixed disc	130	1.4021+QT
S	EC004170015CK65	117688	DN 15	Screw down non-return disc with spring	130	1.4021+QT
S	EC004170020CA65	117693	DN 20	Fixed disc	150	1.4021+QT

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Stock	Article No.	Order code	DN	Type of valve	Face to face length [mm]	Seat material
S	EC004170020CK65	117695	DN 20	Screw down non-return disc with spring	150	1.4021+QT
S	EC004170025CA65	117701	DN 25	Fixed disc	160	1.4021+QT
S	EC004170025CK65	117704	DN 25	Screw down non-return disc with spring	160	1.4021+QT
S	EC004170032CA65	117708	DN 32	Fixed disc	180	1.4021+QT
S	EC004170032CK65	117711	DN 32	Screw down non-return disc with spring	180	1.4021+QT
S	EC004170040CA65	117715	DN 40	Fixed disc	200	1.4021+QT
S	EC004170040CK65	117717	DN 40	Screw down non-return disc with spring	200	1.4021+QT
	EC004170040CR65	117720	DN 40	Regulating disc	200	1.4021+QT
S	EC004170050CA65	117723	DN 50	Fixed disc	230	1.4021+QT
S	EC004170050CK65	117726	DN 50	Screw down non-return disc with spring	230	1.4021+QT
S	EC004170050CR65	117728	DN 50	Regulating disc	230	1.4021+QT
S	EC004170065CA65	117730	DN 65	Fixed disc	290	1.4551
S	EC004170065CK65	117732	DN 65	Screw down non-return disc with spring	290	1.4551
	EC004170065CR65	117733	DN 65	Regulating disc	290	1.4551
S	EC004170080CA65	117734	DN 80	Fixed disc	310	1.4551
S	EC004170080CK65	117737	DN 80	Screw down non-return disc with spring	310	1.4551
S	EC004170100CA65	117741	DN 100	Fixed disc	350	1.4551
S	EC004170100CK65	117744	DN 100	Screw down non-return disc with spring	350	1.4551
S	EC004170125CA65	117747	DN 125	Fixed disc	400	1.4551
	EC004170125CK65	117749	DN 125	Screw down non-return disc with spring	400	1.4551
S	EC004170150CA65	117753	DN 150	Fixed disc	480	1.4551
S	EC004170200CA65	117759	DN 200	Fixed disc	600	1.4551

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