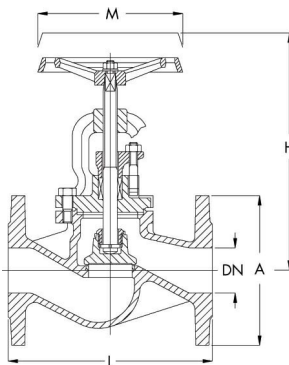


**Fig. 247**  
**Globe valve**



**econ®**



Econ® ductile cast iron globe valves with stainless steel trim, pressure rating PN 16, straight pattern, flanged ends acc. to DIN PN 10/16, outside screw & yoke and rising handwheel. Ductile cast iron valves are frequently used in places where safety considerations prohibit the use of ordinary cast iron.

**Application**

High pressure hot water, steam, air etc.  
For thermal oil, the use of bellow sealed globe valves is preferred

**Features**

- Standard: DIN
- Pressure rating: PN 16
- 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 16
- Seat material: 1.4021
- Material quality: EN-JS1020
- Quality class spindle: 1.4021
- Material cover: EN-JS1020
- Construction type: Straight
- Primary spindle seal material: Graphite
- Type: Globe valve
- Spindle and/or hand wheel rising: Yes
- Body material: Cast iron, nodular
- Disc material: 1.4021
- Actuator material: Cast iron
- Material cover gasket: Graphite

**Pressure and Temp Range**

	-10/120°C	200°C	250°C	300°C	350°C	400°C	450°C	
PN16	16	14,7	13,9	12,8	11,2	-	-	[bar]

**Dimensions**

DN	A	L	H	M	Weight	Kv-value
[mm]					[kg]	m3/hour
15	95	130	189	100	3,3	5,9
20	105	150	189	100	3,9	7,4
25	115	160	203	120	5,0	13
32	140	180	203	120	6,6	18
40	150	200	246	160	8,4	30
50	165	230	254	160	12	41
65	185	290	293	180	17,3	79
80	200	310	322	200	22,7	115
100	220	350	381	250	35,8	181
125	250	400	427	250	52,8	225
150	285	480	521	320	74,2	364
200	340	600	643	520	126	690
250	405	730	780	520	247	1145
300	460	850	890	520	336	1635
350	520	980	976	640	451	2220

**Order Information**

Stock	Article No.	Order code	DN	Type of valve	Face to face length [mm]
S	EC002470015NAH3	345961	DN 15	Fixed disc	130
	EC002470015NKH3	346643	DN 15	Screw down non-return disc with spring	130
S	EC002470020NAH3	345974	DN 20	Fixed disc	150

This product information sheet has been formulated with the greatest care, but no rights can be derived from it. Subject to change.

## Fig. 247 Globe valve

Stock	Article No.	Order code	DN	Type of valve	Face to face length [mm]
	EC002470020NKH3	346644	DN 20	Screw down non-return disc with spring	150
S	EC002470025NAH3	345986	DN 25	Fixed disc	160
S	EC002470025NKH3	346645	DN 25	Screw down non-return disc with spring	160
S	EC002470032NAH3	345990	DN 32	Fixed disc	180
S	EC002470032NKH3	346646	DN 32	Screw down non-return disc with spring	180
S	EC002470040NAH3	345994	DN 40	Fixed disc	200
S	EC002470040NKH3	346647	DN 40	Screw down non-return disc with spring	200
S	EC002470050NAH3	346007	DN 50	Fixed disc	230
S	EC002470050NKH3	346648	DN 50	Screw down non-return disc with spring	230
S	EC002470065NAH3	346010	DN 65	Fixed disc	290
S	EC002470065NKH3	346649	DN 65	Screw down non-return disc with spring	290
S	EC002470080NAH3	346011	DN 80	Fixed disc	310
S	EC002470080NKH3	346650	DN 80	Screw down non-return disc with spring	310
S	EC002470100NAH3	346012	DN 100	Fixed disc	350
S	EC002470100NKH3	346651	DN 100	Screw down non-return disc with spring	350
S	EC002470125NAH3	346013	DN 125	Fixed disc	400
	EC002470125NKH3	346652	DN 125	Screw down non-return disc with spring	400
S	EC002470150NAH3	346067	DN 150	Fixed disc	480
	EC002470150NKH3	346653	DN 150	Screw down non-return disc with spring	480
	EC002470200NKH3	346654	DN 200	Screw down non-return disc with spring	600