



ECON® Globe valve Type: 241 Cast iron Flange PN16

Globe valve, angular, cast iron, with stainless steel interior and flanged connection.

Field of application

- Liquids, gases and steam.

Features

- Also available with regulating disc or regulating disc with position indicator.

Characteristics

Type: 241

Norm: EN (DIN)

Construction type: Straight

Housing material: Cast iron

Surface protection: Standard manufacturers coating

Connection: Flange

Flange finish: Raised face

Type of bonnet: Bolted bonnet

Stem seal type: Gland seal

Sealing: Stainless steel

Material disc: 1.4021+QT

Spindle material: 1.4021

Characteristics [2]

Primary spindle seal material: Graphite

Material bonnet: EN-JL1040

Bonnet gasket material: Stainless steel/graphite

Actuator material: Cast iron

Minimum medium temperature (continuous): -10 °C

Maximum medium temperature (continuous): 300 °C

DN [mm]	A [mm]	L [mm]	H [mm]	M [mm]	Weight [kg]
15	95	130	172	100	3.3
20	105	150	173	100	3.9
25	115	160	182	120	5
32	140	180	200	120	6.6
40	150	200	255	160	8.4
50	165	230	273	160	12
65	185	290	295	180	17.3
80	200	310	332	200	22.7
100	220	350	369	250	35.8
125	250	400	432	250	52.8
150	285	480	483	320	74.2
200	340	600	606	360	126
250	405	730	758	360	200
300	460	850	830	500	315

	-10/120°C	150°C	180°C	200°C	230°C	250°C	300°C	
PN16	16	14.4	13.4	12.8	11.8	11.2	9.6	[bar]

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Material quality	Nominal inner diameter	Pressure rating	Pressure rating flange	Face to Face norm	Face to Face length mm	Operation	Type of disc	Maximum pressure difference at 20 °C bar	Kv value m³/h	Article
EN-JL1040	DN15	PN16		EN 558, Series 1	130	Hand wheel, rising with rising stem	Control disc	16	4.7	11810643
EN-JL1040	DN15	PN16		EN 558, Series 1	130	Hand wheel, rising with rising stem	Fixed disc	16	5.9	11810641
EN-JL1040	DN15	PN16		EN 558, Series 1	130	Hand wheel, rising with rising stem	Screw down non-return disc with spring	16	5.9	13451874
EN-JL1040	DN20	PN16		EN 558, Series 1	150	Hand wheel, rising with rising stem	Control disc	16	4.5	11810646
EN-JL1040	DN20	PN16		EN 558, Series 1	150	Hand wheel, rising with rising stem	Fixed disc	16	7.4	11810644
EN-JL1040	DN20	PN16		EN 558, Series 1	150	Hand wheel, rising with rising stem	Screw down non-return disc with spring	16	7.4	13451875
EN-JL1040	DN25	PN16		EN 558, Series 1	160	Hand wheel, rising with rising stem	Control disc	16	9.1	11810649
EN-JL1040	DN25	PN16		EN 558, Series 1	160	Hand wheel, rising with rising stem	Fixed disc	16	13	11810647
EN-JL1040	DN25	PN16		EN 558, Series 1	160	Hand wheel, rising with rising stem	Screw down non-return disc with spring	16	13	13451876
EN-JL1040	DN32	PN16		EN 558, Series 1	180	Hand wheel, rising with rising stem	Control disc	16	13	11810652
EN-JL1040	DN32	PN16		EN 558, Series 1	180	Hand wheel, rising with rising stem	Fixed disc	16	18	11810650
EN-JL1040	DN32	PN16		EN 558, Series 1	180	Hand wheel, rising with rising stem	Screw down non-return disc with spring	16	18	13451877
EN-JL1040	DN40	PN16		EN 558, Series 1	200	Hand wheel, rising with rising stem	Control disc	16	20	11810655
EN-JL1040	DN40	PN16		EN 558, Series 1	200	Hand wheel, rising with rising stem	Fixed disc	16	30	11810653
EN-JL1040	DN40	PN16		EN 558, Series 1	200	Hand wheel, rising with rising stem	Screw down non-return disc with spring	16	30	13451878
EN-JL1040	DN50	PN16		EN 558, Series 1	230	Hand wheel, rising with rising stem	Control disc	16	30	11810658
EN-JL1040	DN50	PN16		EN 558, Series 1	230	Hand wheel, rising with rising stem	Fixed disc	16	41	11810656
EN-JL1040	DN50	PN16		EN 558, Series 1	230	Hand wheel, rising with rising stem	Screw down non-return disc with spring	16	41	13416431
EN-JL1040	DN65	PN16		EN 558, Series 1	290	Hand wheel, rising with rising stem	Control disc	16	60	11810661
EN-JL1040	DN65	PN16	Unbored	EN 558, Series 1	290	Hand wheel, rising with rising stem	Fixed disc	16	79	13359913
EN-JL1040	DN65	PN16		EN 558, Series 1	290	Hand wheel, rising with rising stem	Fixed disc	16	79	11810659

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EN-JL1040	DN65	PN16		EN 558, Series 1	290	Hand wheel, rising with rising stem	Screw down non-return disc with spring	16	79	13451879
EN-JL1040	DN80	PN16		EN 558, Series 1	310	Hand wheel, rising with rising stem	Control disc	16	90	11810664
EN-JL1040	DN80	PN16		EN 558, Series 1	310	Hand wheel, rising with rising stem	Fixed disc	16	115	11810662
EN-JL1040	DN80	PN16		EN 558, Series 1	310	Hand wheel, rising with rising stem	Screw down non-return disc with spring	16	115	13451880
EN-JL1040	DN100	PN16		EN 558, Series 1	350	Hand wheel, rising with rising stem	Control disc	16	125	11810667
EN-JL1040	DN100	PN16		EN 558, Series 1	350	Hand wheel, rising with rising stem	Fixed disc	16	181	11810665
EN-JL1040	DN100	PN16		EN 558, Series 1	350	Hand wheel, rising with rising stem	Screw down non-return disc with spring	16	181	13451881
EN-JL1040	DN125	PN16		EN 558, Series 1	400	Hand wheel, rising with rising stem	Control disc	16	200	11810670
EN-JL1040	DN125	PN16		EN 558, Series 1	400	Hand wheel, rising with rising stem	Fixed disc	16	225	11810668
EN-JL1040	DN125	PN16		EN 558, Series 1	400	Hand wheel, rising with rising stem	Screw down non-return disc with spring	16	225	13451882
EN-JL1040	DN150	PN16		EN 558, Series 1	480	Hand wheel, rising with rising stem	Control disc	16	270	11810673
EN-JL1040	DN150	PN16		EN 558, Series 1	480	Hand wheel, rising with rising stem	Fixed disc	16	364	11810671
EN-JL1040	DN150	PN16		EN 558, Series 1	480	Hand wheel, rising with rising stem	Screw down non-return disc with spring	16	364	13451883
EN-JL1040	DN200	PN16		EN 558, Series 1	600	Hand wheel, rising with rising stem	Balanced valve	16	690	11810676
EN-JL1040	DN200	PN16		EN 558, Series 1	600	Hand wheel, rising with rising stem	Control disc	14	550	11810675
EN-JL1040	DN200	PN16	PN10	EN 558, Series 1	600	Hand wheel, rising with rising stem	Screw down non-return disc with spring	10	690	13451884
EN-JL1040	DN200	PN16		EN 558, Series 1	600	Hand wheel, rising with rising stem	Screw down non-return disc with spring	14	690	13451885
EN-JL1040	DN250	PN16		EN 558, Series 1	730	Hand wheel, rising with rising stem	Balanced valve	16	1010	11810678
EN-JL1040	DN250	PN16		EN 558, Series 1	730	Hand wheel, rising with rising stem	Control disc	9	950	11810677

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