

GLOBE VALVE

DIN Cast Steel Globe Valve

REF **EFC-437** ISSUED 06 Jul 2026

SPECIFICATIONS

Size	DN15 to DN400
Pressure	PN10 to PN100
End connection	flanged (BS EN 1092-1) / flanged (BS EN 1092-1) / flanged (BS EN 1092-1) / flanged (BS EN 1092-1) / flanged (BS EN 1092-1) / flanged (BS EN 1092-1) / flanged (DIN 2542) / flanged (DIN 2543) / flanged (DIN 2544) / flanged (DIN 2545) / flanged (DIN 2546) / flanged (DIN 2547)
Face-to-face	DIN 3202-F1, DIN 3202-F2

ACTUATION

- handwheel — Ductile iron handwheel

STANDARDS

Design	BS EN 13709, BS 1873
Test	DIN 3230, API 598



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

MATERIALS

Body	GS-C25, 1.0619, 1.4308, 1.4408, WCB, LCB, WC6, CF8, CF8M, CF3, CF3M, CF8C, 1.4803	Disc	ASTM A105 + 13Cr, ASTM A105 + STL, ASTM A182 F304, ASTM A182 F316
Disc nut	Carbon steel, ASTM A182 F304, ASTM A182 F316	Stem	ASTM A182 F6a/420, ASTM A182 F304, ASTM A182 F316
Gasket	Graphite + SS304, Graphite + SS316	Bonnet	GS-C25, 1.4308, 1.4408
Bonnet bolt	ASTM A193 B7, ASTM A193 B8	Bonnet nut	ASTM A194 2H, ASTM A194 8
Stem packing	Graphite, PTFE	Gland	A182 F6a, A182 F304, A182 F316
Gland flange	GS-C25, 1.4308, 1.4408	Gland eyebolt	ASTM A193 B7, ASTM A193 B8
Gland nut	ASTM A194 2H, ASTM A194 8	Stem nut	Copper alloy, A439 D2
Handwheel	Ductile Iron		

FEATURES

- Bolted bonnet construction
- Graphite stem packing
- Graphite spiral wound gasket with stainless steel winding
- Multiple trim options: 13Cr, Stellite, F304, F316
- Available with PTFE or graphite stem packing

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SECTION Dimensions per size REF EFC-437

SIZE	D	D1	D2	B	F	N-Ø	L	H	ØW
DN15 (PN16)	95	65	45	16	2	4	130	198	120
DN15 (PN25)	95	65	45	16	2	4	130	198	120
DN20 (PN16)	105	75	58	18	2	4	150	250	140
DN20 (PN25)	105	75	58	18	2	4	150	250	140
DN25 (PN16)	115	85	68	18	2	4	160	266	160
DN25 (PN25)	115	85	68	18	2	4	160	266	160
DN32 (PN16)	140	100	78	18	2	4	180	298	180
DN32 (PN25)	140	100	78	18	2	4	180	298	180
DN40 (PN16)	150	110	88	18	3	4	200	315	200
DN40 (PN25)	150	110	88	18	3	4	200	315	200
DN50 (PN16)	165	125	102	20	3	4	300	450	250
DN50 (PN25)	165	125	102	20	3	4	300	450	250
DN50 (PN40)	165	125	102	20	3	4	300	450	250
DN50 (PN63)	180	135	102	26	3	4	300	450	250
DN50 (PN100)	195	145	102	30	3	8	300	450	250
DN65 (PN16)	185	145	122	18	3	4	340	495	250
DN65 (PN25)	185	145	122	22	3	8	340	495	250
DN65 (PN40)	185	145	122	22	3	8	340	495	250
DN65 (PN63)	205	160	122	26	3	8	340	495	250
DN65 (PN100)	220	170	122	34	3	8	340	495	250
DN80 (PN16)	200	160	138	20	3	8	380	531	280
DN80 (PN25)	200	160	138	24	3	8	380	531	280
DN80 (PN40)	200	160	138	24	3	8	380	531	280
DN80 (PN63)	215	170	138	28	3	8	380	531	280
DN80 (PN100)	230	180	138	36	3	8	380	531	280
DN100 (PN16)	220	180	158	20	3	8	430	590	350
DN100 (PN25)	235	190	162	24	3	8	430	590	350

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Dimensions per size (continued) · EFC-437

SIZE	D	D1	D2	B	F	N-Ø	L	H	ØW
DN100 (PN40)	235	190	162	24	3	8	430	590	350
DN100 (PN63)	250	200	162	30	3	8	430	590	350
DN100 (PN100)	265	210	162	40	3	8	430	590	350
DN125 (PN16)	250	210	188	22	3	8	500	650	350
DN125 (PN25)	270	220	188	24	3	8	500	650	350
DN125 (PN40)	270	220	188	24	3	8	500	650	350
DN125 (PN63)	295	240	188	34	3	8	500	650	350
DN125 (PN100)	315	250	188	40	3	8	500	650	350
DN150 (PN16)	285	240	212	22	3	8	550	720	400
DN150 (PN25)	300	250	218	28	3	8	550	720	400
DN150 (PN40)	300	250	218	28	3	8	550	720	400
DN150 (PN63)	345	280	218	36	3	8	550	720	400
DN150 (PN100)	355	290	218	44	3	12	550	720	400
DN200 (PN16)	340	295	268	24	3	12	650	820	450
DN200 (PN25)	360	310	278	30	3	12	650	820	450
DN200 (PN40)	375	320	285	30	3	12	650	820	450
DN200 (PN63)	415	345	285	42	3	12	650	820	450
DN200 (PN100)	430	360	285	52	3	12	650	820	450
DN250 (PN40)	450	385	345	32	3	12	730	910	550

Dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.