GLOBE VALVE

Straight Globe Valve

MODEL **VDB-10-16-25-40** REF **EFC-86** ISSUED **05 Jun 2026**

SPECIFICATIONS

Size	**DN15–DN600**
Pressure	**PN10–PN40**
End connection	**flanged (EN 1092-2/B) / flanged (EN 1092-2/B) / flanged (EN 1092-2/B) / flanged (EN 1092-2/B)**
Face-to-face	**EN 558 Serie 1, DIN 3202 F1**

ACTUATION

- manual handwheel — GG 25 handwheel

STANDARDS

Design	**DIN 3356**
Test	**EN 12266**

MATERIALS

body	**grey cast iron, ductile iron, cast carbon steel, bronze, austenitic stainless steel, nickel alloy, alloy cast steel**
disc	**austenitic stainless steel, chromium bronze, cast carbon steel, polymer**
packing	**graphite**
gasket	**compressed fibre**
seat	**austenitic stainless steel, chromium bronze, cobalt alloy, polymer, elastomer**
bonnet	**grey cast iron, ductile iron, cast carbon steel, bronze, austenitic stainless steel, nickel alloy, alloy cast steel**
stem	**martensitic stainless steel, austenitic stainless steel, chromium bronze, tin bronze, brass**
handwheel	**grey cast iron**

FEATURES

- Straight pattern globe valve body form
- Regulating disc option available
- ANSI flange option available
- Graphite packing for elevated temperature service
- Wide range of body and trim material combinations including cast iron, ductile iron, bronze, stainless steel, Monel, and alloy steel
- Stellite hard-facing option on seat rings

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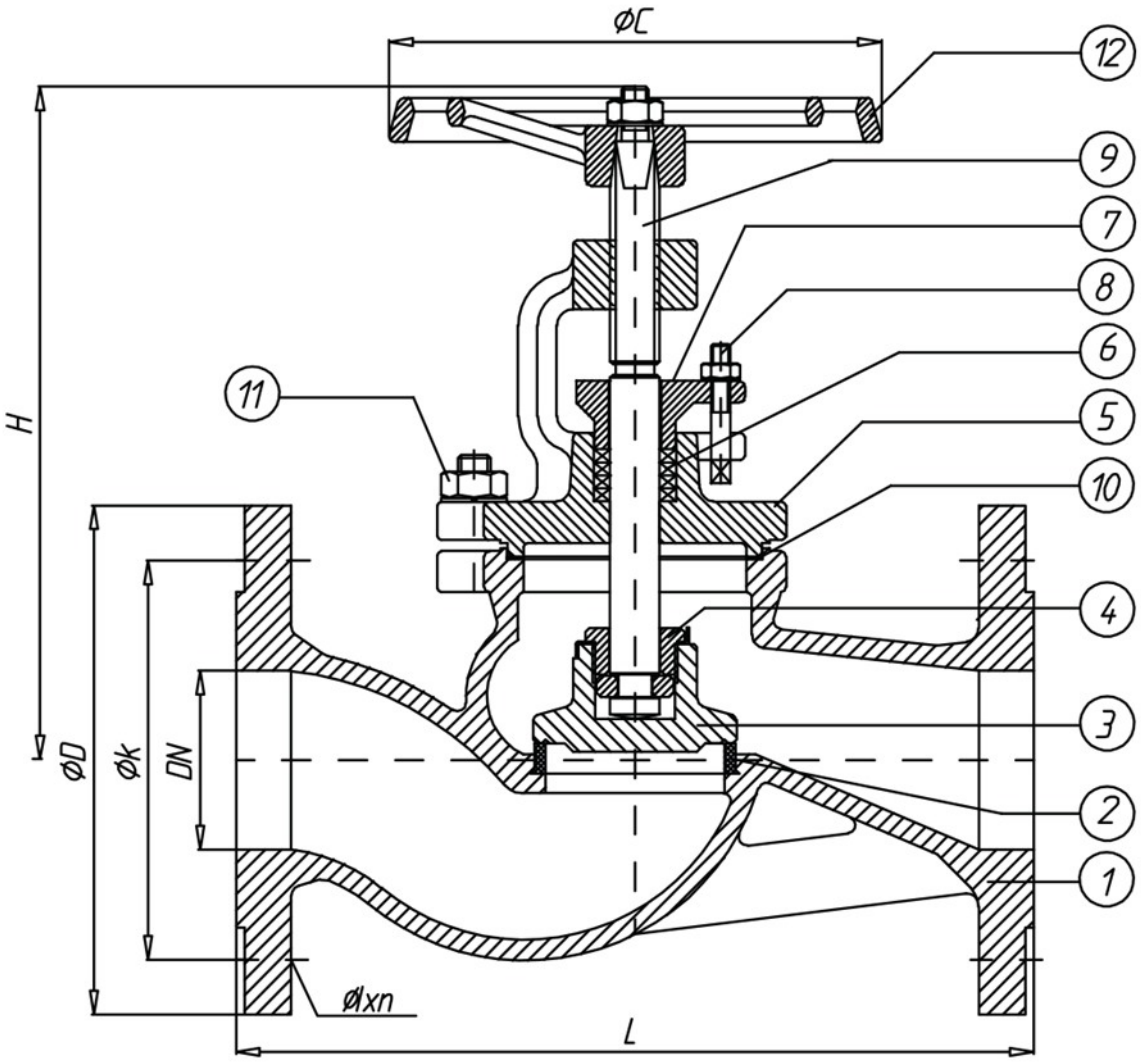
SECTION **Technical drawing** REF **EFC-86**



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SECTION **Dimensions per size** REF **EFC-86**

SIZE	L	H_MAX	WEIGHT
DN15	130	185	3.6 kg
DN20	150	185	4.25 kg
DN25	160	195	5.15 kg
DN32	180	205	6.75 kg
DN40	200	230	9.6 kg
DN50	230	240	12 kg
DN65	290	275	16.4 kg
DN80	310	290	23.2 kg
DN100	350	350	33 kg
DN125	400	410	55 kg
DN150	480	430	87.5 kg
DN200	600	525	130 kg
DN250	730	630	204 kg
DN300	850	700	280 kg
DN350	980	760	370 kg

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Dimensions per size (continued) · EFC-86

SIZE	L	H_MAX	WEIGHT
DN400	1100	840	505 kg
DN450	1200	915	705 kg
DN500	1250	980	915 kg
DN600	1450	1200	1110 kg

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