

GATE VALVE

Gate Valve PN100

MODEL **VYM-100** REF **EFC-60** ISSUED **05 Jun 2026**

SPECIFICATIONS

Size	DN50–DN300
Pressure	PN100
End connection	flanged (DIN EN 1092-1)
Face-to-face	EN 558 Series 26, DIN 3202 F7
Temperature	-20°C to 400°C

ACTUATION

- manual handwheel — Ductile iron / bronze handwheel nut

STANDARDS

Design	EN 1171, DIN 3352
Test	DIN EN 12266



MATERIALS

body	carbon steel, alloy steel, stainless steel	seat	martensitic stainless steel, cobalt alloy, stainless steel
wedge	carbon steel, alloy steel, stainless steel	stem	martensitic stainless steel, alloy steel, stainless steel
gasket	graphite, stainless steel	bonnet	carbon steel, alloy steel, stainless steel
packing	graphite, PTFE	handwheel	ductile iron

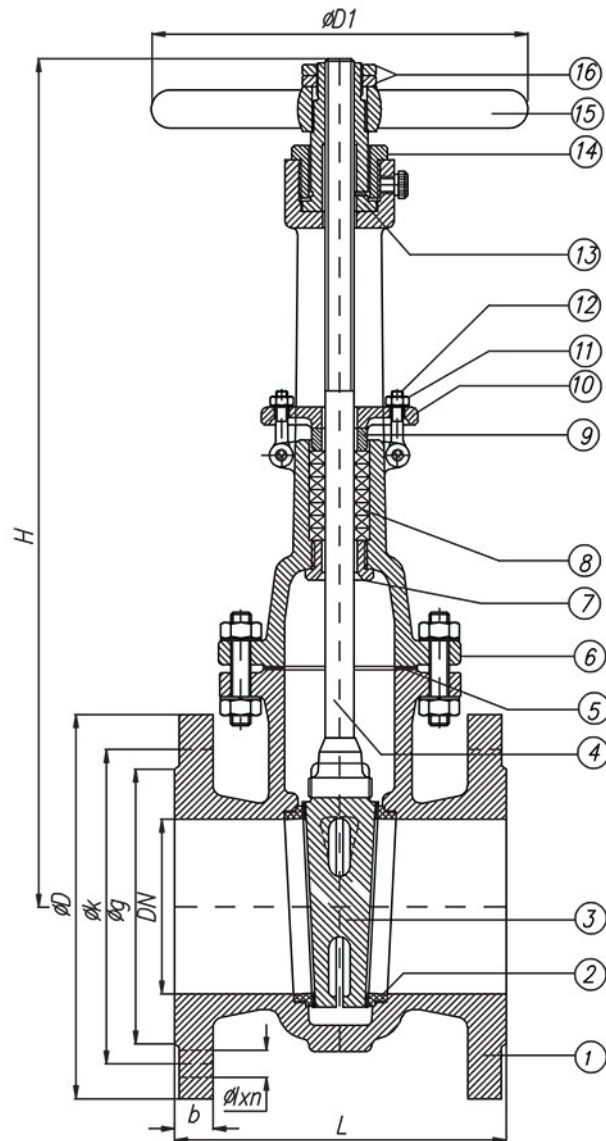
PRESSURE-TEMPERATURE RATING

CLASS	TEMPERATURE	MAX PRESSURE
G-SC 25 (GP 240GH+N)	-20°C	100 bar
G-SC 25 (GP 240GH+N)	120°C	100 bar
G-SC 25 (GP 240GH+N)	200°C	90 bar
G-SC 25 (GP 240GH+N)	250°C	80 bar
G-SC 25 (GP 240GH+N)	300°C	70 bar
G-SC 25 (GP 240GH+N)	350°C	60 bar
G-SC 25 (GP 240GH+N)	400°C	56 bar
ASTM A Gr. A216 WCB	-20°C	100 bar
ASTM A Gr. A216 WCB	120°C	100 bar
ASTM A Gr. A216 WCB	200°C	80 bar
ASTM A Gr. A216 WCB	250°C	70 bar
ASTM A Gr. A216 WCB	300°C	60 bar
ASTM A Gr. A216 WCB	350°C	56 bar
ASTM A Gr. A216 WCB	400°C	50 bar

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SECTION Technical drawing REF EFC-60



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SECTION Dimensions per size REF EFC-60

SIZE	L	H	OM	OD	OK	OG	B	WEIGHT
DN50	250	490	250	195	145	102	30	25 kg
DN65	290	540	250	220	170	122	34	32 kg
DN80	310	575	310	230	180	138	36	36 kg
DN100	350	675	415	265	210	162	40	55 kg
DN125	400	745	500	315	250	188	40	88 kg
DN150	450	800	500	355	290	218	44	110 kg
DN200	550	890	600	430	360	285	52	155 kg
DN250	650	1050	720	515	430	345	60	310 kg
DN300	750	1200	720	585	500	410	68	355 kg

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