

GATE VALVE

Rising Stem Gate Valve

MODEL VYM-16 REF EFC-47 ISSUED 05 Jun 2026

SPECIFICATIONS

| | |
|----------------|--|
| Size | DN40–DN1000 |
| Pressure | PN10–PN16 |
| End connection | flanged (DIN EN 1092-2) |
| Face-to-face | EN 558 Serie 14, DN3202 F4, TS EN 1171, DIN 3352/2-F4 |
| Temperature | -10°C to 400°C |

ACTUATION

- manual handwheel — GG 20 cast iron handwheel

STANDARDS

| | |
|--------|----------|
| Design | EN 1171 |
| Test | EN 12266 |



MATERIALS

| | | | |
|-----------|--|--------|--|
| body | cast iron, ductile iron, cast steel, bronze, stainless steel | seat | brass, bronze, stainless steel |
| wedge | cast iron / ductile iron / cast steel, bronze, stainless steel | stem | stainless steel, brass, copper alloy, bronze |
| gasket | compressed fibre, elastomer, graphite | bonnet | cast iron / ductile iron / cast steel, bronze, stainless steel |
| packing | graphite, PTFE | yoke | cast iron / ductile iron / cast steel, bronze, stainless steel |
| handwheel | cast iron | | |

FEATURES

- Rising stem design provides visual indication of open/closed position
- Wedge-type disc for DN40–100 and DN125–600 size ranges
- Bronze or stainless steel seat options for corrosion resistance
- Multiple body material options: cast iron, ductile iron, cast steel, bronze, and stainless steel
- Graphite or PTFE packing options
- Available with EPDM, graphite, or compressed fibre (Klingerite) gaskets

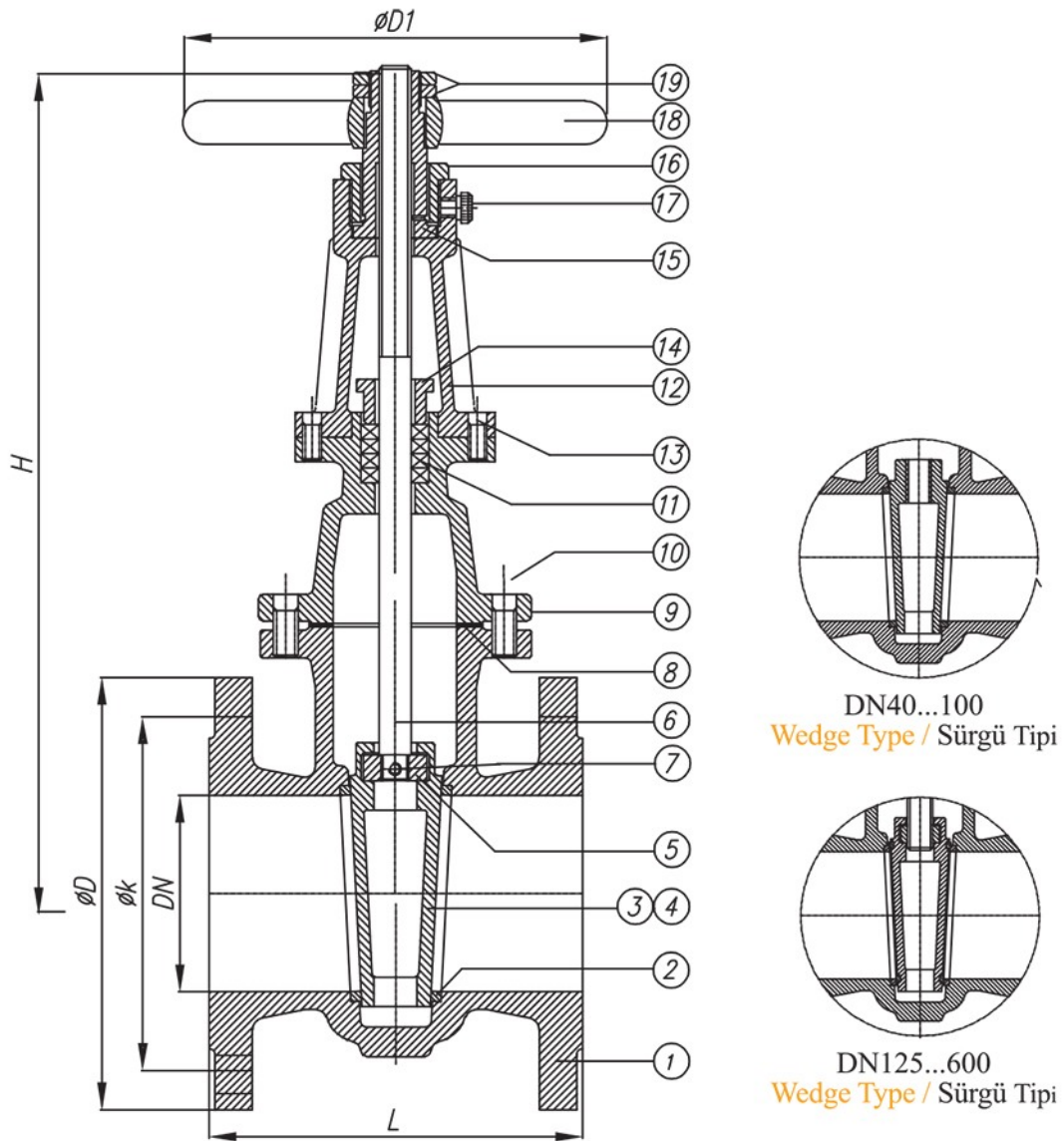
PRESSURE-TEMPERATURE RATING

| CLASS | TEMPERATURE | MAX PRESSURE |
|---------------------------------|-------------|--------------|
| Cast Iron GG25 DN40-DN200 | °C | 10 bar |
| Ductile Iron GGG40 DN40-DN200 | °C | 16 bar |
| Cast Iron GG25 DN250-DN300 | °C | 6 bar |
| Ductile Iron GGG40 DN250-DN300 | °C | 10 bar |
| Cast Iron GG25 DN350-DN500 | °C | 4 bar |
| Ductile Iron GGG40 DN350-DN500 | °C | 6 bar |
| Cast Steel GSC25 DN350-DN500 | °C | 16 bar |
| Cast Iron GG25 DN600-DN700 | °C | 2.5 bar |
| Ductile Iron GGG40 DN600-DN700 | °C | 4 bar |
| Cast Iron GG25 DN800 | °C | 1.6 bar |
| Ductile Iron GGG40 DN800 | °C | 2.5 bar |
| Cast Iron GG25 DN900-DN1000 | °C | 1 bar |
| Ductile Iron GGG40 DN900-DN1000 | °C | 1.6 bar |

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SECTION Technical drawing REF EFC-47



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SECTION Dimensions per size REF EFC-47

| SIZE | L | H_MIN | H_MAX | D | K | D1 | WEIGHT |
|-------|-----|-------|-------|-----|-----|-----|---------|
| DN40 | 140 | 350 | 410 | 150 | 110 | — | 11 kg |
| DN50 | 150 | 360 | 470 | 165 | 125 | — | 15 kg |
| DN65 | 170 | 470 | 560 | 185 | 145 | — | 19.5 kg |
| DN80 | 180 | 470 | 560 | 200 | 160 | 160 | 24 kg |
| DN100 | 190 | 580 | 690 | 220 | 180 | 200 | 30 kg |
| DN125 | 200 | 650 | 790 | 250 | 210 | 250 | 44 kg |
| DN150 | 210 | 725 | 895 | 285 | 240 | 315 | 59 kg |
| DN200 | 230 | 815 | 1030 | 340 | 295 | 250 | 106 kg |
| DN250 | 250 | 950 | 1220 | 395 | 350 | — | 158 kg |
| DN300 | 270 | 1080 | 1405 | 445 | 400 | — | 232 kg |
| DN350 | 290 | 1225 | 1595 | 505 | 460 | 400 | 200 kg |
| DN400 | 310 | 1390 | 1810 | 565 | 515 | — | 310 kg |
| DN500 | 350 | 1670 | 2195 | 670 | 620 | 500 | 450 kg |
| DN600 | 390 | 1920 | 2550 | 780 | 720 | — | 600 kg |

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