

GATE VALVE

RSV Gate Valve – Rising Stem

REF **EFC-378** ISSUED 11 Jun 2026

SPECIFICATIONS

| | |
|----------------|--|
| Size | DN50–DN300 |
| Pressure | PN10–PN16 |
| End connection | flanged (EN 1092-2) / flanged (EN 1092-2) |

STANDARDS

| | |
|--------|---|
| Design | EN 1074-2, BS EN 1074-2, BS 5163, BS 1171, EN 1092-2, EN 558-1 |
|--------|---|

APPROVALS & CERTIFICATIONS

- WRAS
- ISO 9001
- CE Mark

COATINGS & LINING

- Fusion-bonded epoxy (250µm)

APPLICATIONS

- Valve chambers
- Pump stations
- Water treatment works
- Above-ground pipework



MATERIALS

| | | | |
|------|---------------------------------------|--------|--|
| body | Ductile Iron EN GJS 500-7 | bonnet | Ductile Iron EN GJS 500-7 |
| stem | AISI 420 / 431 Stainless Steel | wedge | Ductile Iron + EPDM rubber encapsulated |

FEATURES

- The rising stem RSV provides a clear visual indication of valve position through the exposed spindle travel
- As the valve opens, the stem rises so operators can confirm open/closed status at a glance without instrumentation
- Suitable for above-ground installations in valve chambers, pump stations and water treatment works where visual confirmation of position is required by operating procedures

PRESSURE-TEMPERATURE RATING

| CLASS | TEMPERATURE | MAX PRESSURE |
|--------------|--------------------|---------------------|
| PN16 | -10°C | 16 bar |
| PN16 | 80°C | 16 bar |

GATE VALVE

RSV Gate Valve – Rising Stem

SECTION Technical drawing 1 REF EFC-378



GATE VALVE

RSV Gate Valve – Rising Stem

SECTION Dimensions per size REF EFC-378

| SIZE | L | H | H1 | OD | OK | C | OF | OD_PN10 | OD_PN16 | OK_PN10 | OK_PN16 | OB |
|-------|-----|------|------|-----|------|------|-----|---------|---------|---------|---------|------|
| DN50 | 178 | 312 | 382 | 165 | 125 | 18 | 200 | — | — | — | — | — |
| DN65 | 190 | 338 | 408 | 185 | 145 | 18 | 200 | — | — | — | — | — |
| DN80 | 203 | 393 | 480 | 200 | 160 | 18 | 250 | — | — | — | — | — |
| DN100 | 229 | 441 | 544 | 220 | 180 | 18 | 250 | — | — | — | — | — |
| DN125 | 254 | 559 | 692 | 250 | 210 | 18 | 280 | — | — | — | — | — |
| DN150 | 267 | 598 | 759 | 285 | 240 | 18 | 280 | — | — | — | — | — |
| DN200 | 292 | 743 | 953 | 340 | 295 | 18 | 350 | — | — | — | — | — |
| DN250 | 330 | 880 | 1140 | — | — | 19 | 350 | 395 | 405 | 350 | 355 | — |
| DN300 | 356 | 1009 | 1319 | — | — | 21 | 350 | 445 | 460 | 400 | 410 | — |
| DN350 | 381 | 1169 | — | — | 470 | 26.5 | — | — | — | — | — | 429 |
| DN400 | 406 | 1297 | — | — | 525 | 28 | — | — | — | — | — | 480 |
| DN450 | 432 | 1434 | — | — | 585 | 30 | — | — | — | — | — | 548 |
| DN500 | 457 | 1564 | — | — | 650 | 31.5 | — | — | — | — | — | 609 |
| DN600 | 508 | 1836 | — | — | 770 | 36 | — | — | — | — | — | 720 |
| DN700 | 610 | 2000 | — | — | 840 | 39.5 | — | — | — | — | — | 794 |
| DN800 | 660 | 2170 | — | — | 950 | 43 | — | — | — | — | — | 901 |
| DN900 | 711 | 2340 | — | — | 1050 | 46.5 | — | — | — | — | — | 1001 |

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