

API VALVE

API Lift Check Valve

REF **EFC-425** ISSUED 06 Jul 2026

SPECIFICATIONS

| | |
|----------------|---|
| Size | DN15 to DN300 |
| Pressure | Class 150, Class 300, Class 600, Class 900 |
| End connection | flanged (ASME B16.5) / flanged (ASME B16.5) / flanged (ASME B16.5) / ring_type_joint (ASME B16.5) / ring_type_joint (ASME B16.5) / ring_type_joint (ASME B16.5) / ring_type_joint (ASME B16.5) / butt_weld (ASME B16.25) / butt_weld (ASME B16.25) / butt_weld (ASME B16.25) |



MATERIALS

| | |
|------|-----------------|
| Body | A216 WCB |
|------|-----------------|

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

API VALVE

API Lift Check Valve

SECTION Dimensions per size REF EFC-425

| SIZE | L_RF | L_RTJ | L_BW | D | H | WEIGHT |
|----------------|------|-------|------|-----|-----|--------|
| NPS 1/2 DN15 | 108 | 119 | 108 | 13 | 76 | 3 kg |
| NPS 3/4 DN20 | 117 | 130 | 117 | 19 | 76 | 4 kg |
| NPS 1 DN25 | 127 | 140 | 127 | 25 | 98 | 5 kg |
| NPS 1 1/4 DN32 | 140 | 153 | 140 | 32 | 102 | 7 kg |
| NPS 1 1/2 DN40 | 165 | 178 | 165 | 38 | 115 | 8 kg |
| NPS 2 DN50 | 203 | 216 | 203 | 51 | 140 | 15 kg |
| NPS 2 1/2 DN65 | 216 | 229 | 216 | 64 | 162 | 22 kg |
| NPS 3 DN80 | 241 | 254 | 241 | 76 | 168 | 28 kg |
| NPS 4 DN100 | 292 | 305 | 292 | 102 | 194 | 42 kg |
| NPS 5 DN125 | 356 | 368 | 356 | 127 | 210 | 60 kg |
| NPS 6 DN150 | 406 | 419 | 406 | 152 | 226 | 75 kg |
| NPS 8 DN200 | 495 | 508 | 495 | 203 | 250 | 118 kg |
| NPS 10 DN250 | 622 | 635 | 622 | 254 | 275 | 194 kg |
| NPS 12 DN300 | 699 | 711 | 699 | 305 | 332 | 320 kg |
| NPS 1/2 DN15 | 152 | 162 | 152 | 13 | 78 | 5 kg |
| NPS 3/4 DN20 | 178 | 191 | 178 | 19 | 82 | 6 kg |
| NPS 1 DN25 | 203 | 216 | 203 | 25 | 102 | 8 kg |
| NPS 1 1/4 DN32 | 216 | 229 | 216 | 32 | 106 | 11 kg |
| NPS 1 1/2 DN40 | 229 | 242 | 229 | 38 | 118 | 13 kg |
| NPS 2 DN50 | 267 | 283 | 267 | 51 | 140 | 26 kg |
| NPS 2 1/2 DN65 | 292 | 308 | 292 | 64 | 164 | 33 kg |
| NPS 3 DN80 | 318 | 333 | 318 | 76 | 178 | 50 kg |
| NPS 4 DN100 | 356 | 371 | 356 | 102 | 195 | 86 kg |
| NPS 5 DN125 | 400 | 416 | 400 | 127 | 223 | 120 kg |
| NPS 6 DN150 | 445 | 460 | 445 | 152 | 245 | 180 kg |
| NPS 8 DN200 | 533 | 549 | 533 | 203 | 280 | 220 kg |
| NPS 10 DN250 | 622 | 638 | 622 | 254 | 336 | 310 kg |

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API Lift Check Valve

Dimensions per size (continued) · EFC-425

| SIZE | L_RF | L_RTJ | L_BW | D | H | WEIGHT |
|-----------------------|------|-------|------|-----|-----|--------|
| NPS 12 DN300 | 711 | 727 | 711 | 305 | 380 | 510 kg |
| NPS 2 DN50 | 292 | 295 | 292 | 51 | 152 | 32 kg |
| NPS 2 1/2 DN65 | 330 | 333 | 330 | 64 | 167 | 45 kg |
| NPS 3 DN80 | 356 | 359 | 356 | 76 | 178 | 68 kg |
| NPS 4 DN100 | 432 | 435 | 432 | 102 | 215 | 98 kg |
| NPS 5 DN125 | 508 | 511 | 508 | 125 | 240 | 155 kg |
| NPS 6 DN150 | 559 | 562 | 559 | 152 | 279 | 230 kg |
| NPS 8 DN200 | 660 | 664 | 660 | 200 | 328 | 300 kg |
| NPS 2 DN50 | 368 | 371 | 368 | 48 | 180 | 50 kg |
| NPS 2 1/2 DN65 | 419 | 422 | 419 | 57 | 200 | 65 kg |
| NPS 3 DN80 | 381 | 384 | 381 | 73 | 235 | 88 kg |
| NPS 4 DN100 | 457 | 460 | 457 | 98 | 270 | 140 kg |
| NPS 5 DN125 | 559 | 562 | 559 | 125 | 300 | 210 kg |
| NPS 6 DN150 | 610 | 613 | 610 | 146 | 350 | 300 kg |
| NPS 8 DN200 | 737 | 740 | 737 | 190 | 400 | 390 kg |

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