

Cast Iron Knife Gate Valve - Bidirectional - Handwheel Operation

LV 9993

Lugged PN10, Cast Iron Powder Coated Body, 304 Stainless Steel Gate, EPDM Seat & O-ring, Bidirectional, Rising Stem, Handwheel Operated.

| Pressure / Temperature Specifications | |
|---------------------------------------|----------------------------------|
| Pressure | PN10 2" to 10" PN6 12" to 16" |
| Temperature | -20°C to 110°C |

| Material Specifications | |
|-------------------------|---------------------|
| 1. Body | GGG40 Cast Iron |
| 2. Packing Gland | GGG40 Cast Iron |
| 3. Nut | Steel |
| 4. Washer | Steel |
| 5. Stud A Bolt | Steel |
| 6. Gate | 304 Stainless Steel |
| 7. Plate Stay | Steel |
| 8. Bolt | Steel |
| 9. Spring Washer | Steel |
| 10. Seat | EPDM |
| 11. Retainer | 304 Stainless Steel |
| 12. Packing | PTFE |
| 13. O-ring | NBR |
| 14. Position Indicator | 304 Stainless Steel |
| 15. Nut | 304 Stainless Steel |
| 16. Stem | 304 Stainless Steel |
| 17. Stem Nut | Bronze |
| 18. Connect Seat | Steel |
| 19. Closing Ring | 65MN |
| 20. Bearing | Steel |
| 21. Handwheel | Steel |
| 22. Stem Nut | Steel |
| 23. Hood | Steel |
| 24. Hood Cover | Plastic |
| 25. O-rings | EPDM |

| Dimensions | | | | | | | |
|------------|-----|-----|-----|-----|-----|-----|-----|
| DN | 2" | 2½" | 3" | 4" | 5" | 6" | 8" |
| A | 40 | 40 | 50 | 50 | 50 | 60 | 60 |
| B | 289 | 313 | 335 | 380 | 415 | 470 | 580 |
| C | 65 | 70 | 95 | 108 | 124 | 135 | 165 |
| D | 87 | 87 | 87 | 87 | 98 | 98 | 123 |
| H | 360 | 400 | 420 | 488 | 564 | 635 | 809 |
| V | 200 | 200 | 200 | 200 | 250 | 250 | 300 |
| K | 125 | 145 | 160 | 180 | 210 | 240 | 295 |
| T | 5 | 5 | 5 | 5 | 6 | 6 | 8 |
| n | 4 | 4 | 8 | 8 | 8 | 8 | 8 |
| M | M16 | M16 | M16 | M16 | M16 | M20 | M20 |

| Dimensions | | | | |
|------------|-----|------|------|------|
| DN | 10" | 12" | 14" | 16" |
| A | 70 | 80 | 96 | 100 |
| B | 670 | 768 | 900 | 997 |
| C | 198 | 234 | 256 | 292 |
| D | 123 | 123 | 198 | 198 |
| H | 946 | 1118 | 1282 | 1441 |
| V | 300 | 300 | 400 | 400 |
| K | 350 | 400 | 460 | 515 |
| T | 8 | 10 | 10 | 12 |
| n | 12 | 12 | 16 | 16 |
| M | M20 | M20 | M20 | M24 |

