



| VALVE SIZE | OPERATOR MODEL | D | E | F | G | H | K | L | M | N | W |
|-------------------|----------------|----|-----|-----|-----|-----|-----|----|-----|--------|-----|
| 100mm (4") | 65 | 51 | 90 | 87 | 76 | 197 | 89 | 57 | 35 | 16 1/2 | 190 |
| 150mm (6") | 150 | 51 | 90 | 87 | 76 | 197 | 89 | 57 | 35 | 16 1/2 | 190 |
| 200mm (8") | 250 | 52 | 94 | 103 | 98 | 222 | 114 | 60 | 51 | 24 | 356 |
| 250mm & 300mm | 510 | 57 | 114 | 138 | 132 | 256 | 156 | 70 | 76 | 36 | 356 |
| 350,400,450 & 500 | 1250 | 81 | 146 | 213 | 178 | 313 | 200 | 83 | 102 | 48 | 457 |
| 600mm | 2200 | 81 | 159 | 264 | 229 | 363 | 273 | 98 | 152 | 72 | 457 |

| VALVE SIZE | A | B | C | J | P | Q | R | S | T | V | WEIGHT (Kg) |
|------------|-----|-----|-----|-----|----|-----------|-----|----|-----|---------------------------------------|-------------|
| 100 | 102 | 138 | 191 | 64 | 4 | 3/4x3 1/2 | 232 | 25 | 324 | 126 ^{+1.8} / _{-7.6} | 37 |
| 150 | 127 | 165 | 241 | 73 | 6 | 3/4x3 1/2 | 283 | 27 | 330 | 179 ^{+1.8} / _{-7.6} | 46 |
| 200 | 152 | 192 | 298 | 76 | 6 | 3/4x4 | 333 | 29 | 356 | 232 ^{+1.8} / _{-7.6} | 68 |
| 250 | 197 | 244 | 356 | 108 | 8 | 3/4x4 | 399 | 30 | 384 | 884 ^{+1.8} / _{-7.6} | 110 |
| 300 | 241 | 289 | 413 | 108 | 8 | 3/4x4 | 455 | 33 | 406 | 338 ^{+1.8} / _{-7.6} | 141 |
| 350 | 265 | 313 | 476 | 133 | 10 | 3/4x4 | 516 | 33 | 448 | 392 ^{+1.5} / _{-1.8} | 232 |
| 400 | 309 | 373 | 533 | 133 | 12 | 3/4x4 1/2 | 573 | 35 | 470 | 446 ^{+1.5} / _{-1.8} | 271 |
| 450 | 338 | 402 | 591 | 156 | 12 | 3/4x4 1/2 | 630 | 36 | 489 | 423 ^{+1.5} / _{-1.8} | 346 |
| 500 | 378 | 441 | 648 | 156 | 14 | 3/4x4 1/2 | 687 | 38 | 486 | 552 ^{+1.5} / _{-1.8} | 402 |
| 600 | 498 | 511 | 762 | 191 | 16 | 3/4x5 | 802 | 41 | 540 | 659 ^{+1.5} / _{-1.8} | 541 |

- NOTE 1: FLOW MAY BE IN EITHER DIRECTION
- NOTE 2: VALVE SHAFT WILL MEET OR EXCEED REQUIREMENTS OF SHAFT TABLE PER AWWA STANDARD C-504 FOR APPLICABLE CLASS.
- NOTE 3: REFERENCE AWWA C-111 (A.N.S.I. A21-11)
- NOTE 4: "N" = NUMBER OF TURNS TO CLOSE
- NOTE 5: "P" = NUMBER OF BOLTS ON EACH FLANGE
- NOTE 6: "Q" = DIAMETER OF BOLTS
- NOTE 7: OPERATED BY HANDWHEEL
- NOTE 8: RATED AND TESTED FOR 250 PSI WORKING PRESSURE
- NOTE 9: GASKET, GLANDS, BOLTS, FOR MECHANICAL JOINT FURNISHED WITH VALVE WHEN SPECIFIED ON ORDER

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| PROJECT |
| OWNER |
| CONTRACTOR |
| DISTRIBUTOR |
| CONSULTANT |

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|--------------------|-----------------------------------------------------------------------------------------|---------------------------|
| CLOW CANADA | 100mm - 600mm STYLE 4500 CLASS 250 BUTTERFLY VALVE INDICATING HANDWHEEL - MJ x MJ | DWG. NO. A-8020 |
|--------------------|-----------------------------------------------------------------------------------------|---------------------------|