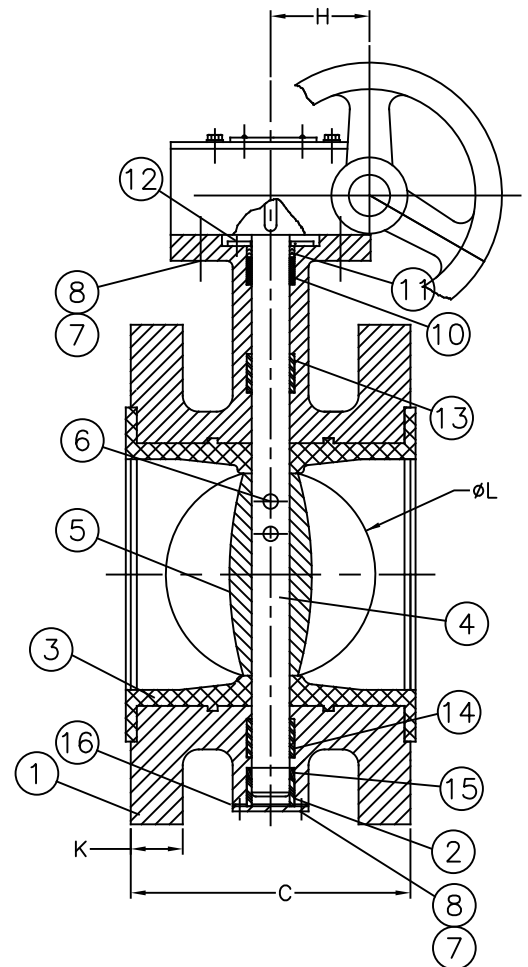
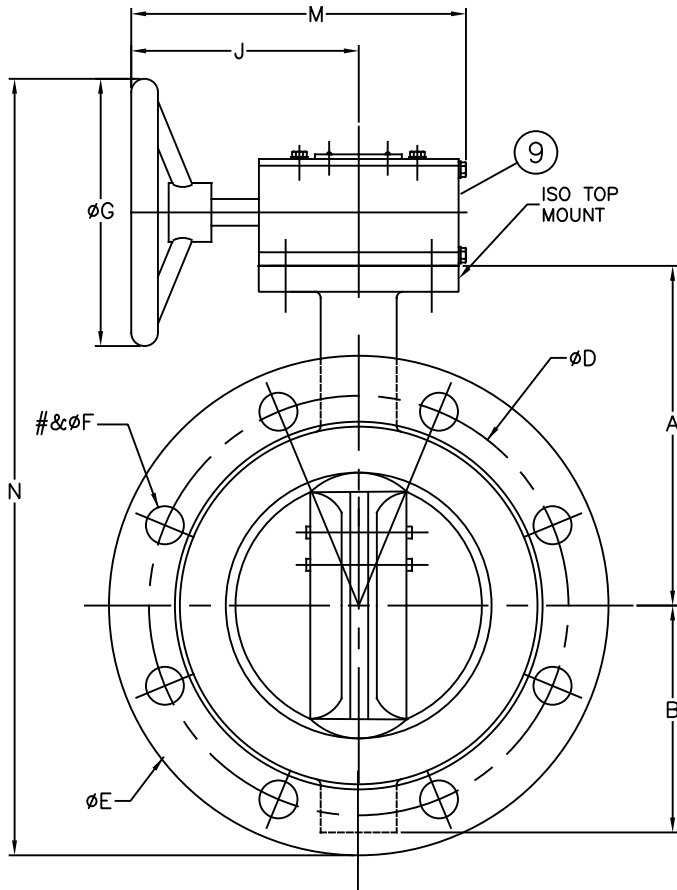


Sizes 3" Thru 24" / 75 mm Thru 600 mm
150 ANSI B16.5 FLANGE

Materials (with Gear Box & Buna-N Seat)



| Item # | Description | Material | Item # | Description | Material |
|--------|-----------------------|---------------------------|--------|---------------------|-----------------|
| 1 | Body | Ductile Iron A536 | 9 | Gear Box | Various |
| 2 | Lower Hole Gasket | Nylon | 10 | Packing V-Type | Buna-N |
| 3 | Seat* | Buna-N | 11 | Lower Hole Gasket | Stainless Steel |
| 4 | Shaft | 316SS | 12 | Garter Spring | AISI 1066 |
| 5 | Disc | Ductile Iron w/316SS Edge | 13 | Upper Bushing | 304SS / Teflon |
| 6 | Pin/Nut/Wahser/O-Ring | 304SS/Rubber | 14 | Lower Bushing | 304SS / Teflon |
| 7 | Bolts | Stainless Steel | 15 | Combined Ring | Buna-N |
| 8 | Washer | Stainless Steel | 16 | Bottom Cover Gasket | Buna-N |

Max Temp 180°F (82°C)
Max Pressure 200psi (14bar)
Max Pressure Differential 150psi (10bar)
* EPDM Optional

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Sizes 3" Thru 24"/ 75 mm Thru 600 mm
150 ANSI B16.5 FLANGE

Dimensions



| Size | | Part # | A | | B | | C | | ØD | | ØE | | # & ØF | |
|------|-----|-----------|-------|-----|-------|-------|------|-----|-------|-----|-------|-----|---------|----|
| inch | mm | | inch | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch | mm |
| 3 | 75 | 450000060 | 6.25 | 159 | 3.54 | 90 | 5.00 | 127 | 6.0 | 152 | 7.50 | 190 | 4-.75 | 19 |
| 4 | 100 | 450000070 | 7.00 | 178 | 3.98 | 101 | 5.00 | 127 | 7.5 | 191 | 9.00 | 230 | 8-.75 | 19 |
| 6 | 150 | 450000090 | 8.00 | 203 | 5.87 | 149 | 5.00 | 127 | 9.5 | 241 | 11.00 | 280 | 8-.88 | 22 |
| 8 | 200 | 450000100 | 9.53 | 242 | 6.26 | 159 | 6.00 | 152 | 11.75 | 299 | 13.50 | 345 | 8-.88 | 22 |
| 10 | 250 | 450000110 | 10.78 | 274 | 7.68 | 195 | 8.00 | 203 | 14.25 | 362 | 16.00 | 405 | 12-1.00 | 25 |
| 12 | 300 | 450000120 | 12.32 | 313 | 9.09 | 231 | 8.00 | 203 | 17.00 | 432 | 19.00 | 485 | 12-1.00 | 25 |
| 14 | 350 | 450000140 | 14.00 | 356 | 10.28 | 261 | 8.00 | 203 | 18.75 | 476 | 21.00 | 535 | 12-1.13 | 29 |
| 16 | 400 | 450000160 | 15.04 | 382 | 11.34 | 288 | 8.00 | 203 | 21.25 | 540 | 23.50 | 595 | 16-1.13 | 29 |
| 18 | 450 | 450000180 | 16.54 | 420 | 13.00 | 330 | 8.00 | 203 | 22.75 | 578 | 25.00 | 635 | 16-1.25 | 32 |
| 20 | 500 | 450000200 | 18.07 | 459 | 14.25 | 362 | 8.00 | 203 | 25.00 | 635 | 27.50 | 700 | 20-1.25 | 32 |
| 24 | 600 | 450000240 | 22.52 | 572 | 16.71 | 424.4 | 8.00 | 203 | 29.50 | 749 | 32.00 | 815 | 20-1.63 | 35 |

| Size | | G | | H | | J | | K | | ØL | | M | | N | | Gearbox | | Weight | |
|------|-----|-------|-----|------|-----|-------|-----|------|----|-------|-------|-------|-----|-------|------|---------|------------|--------|------|
| inch | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch | mm | Ratio | Open Turns | lbs | kg |
| 3 | 75 | 11.81 | 300 | 2.60 | 66 | 8.46 | 215 | .75 | 19 | 2.93 | 74.6 | 12.20 | 310 | 17.20 | 437 | 30:1 | 7.5 | 51 | 23 |
| 4 | 100 | 11.81 | 300 | 2.60 | 66 | 8.46 | 215 | .94 | 24 | 3.71 | 94.3 | 12.20 | 310 | 18.39 | 467 | 30:1 | 7.5 | 63 | 28.5 |
| 6 | 150 | 11.81 | 300 | 2.60 | 66 | 8.46 | 215 | 1.00 | 25 | 5.63 | 142.9 | 12.20 | 310 | 21.26 | 540 | 30:1 | 7.5 | 85 | 38.5 |
| 8 | 200 | 11.81 | 300 | 2.60 | 66 | 8.46 | 215 | 1.13 | 29 | 7.58 | 192.5 | 12.20 | 310 | 23.19 | 589 | 30:1 | 7.5 | 115 | 52 |
| 10 | 250 | 11.81 | 300 | 3.19 | 81 | 8.07 | 205 | 1.18 | 48 | 9.69 | 246 | 12.40 | 315 | 24.61 | 625 | 50:1 | 12.5 | 161 | 73 |
| 12 | 300 | 11.81 | 300 | 3.19 | 81 | 8.07 | 205 | 1.25 | 32 | 11.42 | 290 | 12.40 | 315 | 28.98 | 736 | 50:1 | 12.5 | 220 | 99.5 |
| 14 | 350 | 11.81 | 300 | 3.19 | 81 | 8.07 | 205 | 1.38 | 35 | 13.00 | 330 | 12.40 | 315 | 31.89 | 810 | 50:1 | 12.5 | 276 | 125 |
| 16 | 400 | 23.63 | 600 | 4.92 | 125 | 11.81 | 300 | 1.44 | 37 | 15.16 | 385 | 17.72 | 450 | 40.43 | 1027 | 70:1 | 17.5 | 391 | 177 |
| 18 | 450 | 23.63 | 600 | 4.92 | 125 | 11.81 | 300 | 1.56 | 40 | 17.17 | 436 | 17.72 | 450 | 43.58 | 1107 | 70:1 | 17.5 | 457 | 207 |
| 20 | 500 | 23.63 | 600 | 4.92 | 125 | 11.81 | 300 | 1.69 | 43 | 19.00 | 483 | 17.72 | 450 | 46.38 | 1178 | 70:1 | 17.5 | 644 | 292 |
| 24 | 600 | 23.63 | 600 | 4.92 | 125 | 11.81 | 300 | 1.88 | 48 | 22.44 | 570 | 17.72 | 450 | 53.27 | 1353 | 70:1 | 17.5 | 922 | 418 |

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