



AA=NO. OF TAPPED HOLES EACH FLANGE
 AB=SIZE OF TAPPED HOLES
 AC=DEPTH OF TAPPED HOLES

| VALVE SIZE | OPERATOR MODEL | D | E | F | G | H | K | L | M | N |
|---------------------|----------------|--------|---------|--------|--------|---------|--------|-------|-------|--------|
| 3" & 4" | 65 | 2 | 3 9/16 | 3 7/16 | 3 | 7 3/4 | 3 7/16 | 2 1/4 | 1 3/8 | 16 1/2 |
| 6" | 150 | 2 | 3 9/16 | 3 7/16 | 3 | 7 3/4 | 3 7/16 | 2 1/4 | 1 3/8 | 16 1/2 |
| 8" | 250 | 2 1/16 | 3 11/16 | 4 1/16 | 3 7/8 | 8 3/4 | 4 1/2 | 2 3/8 | 2 | 24 |
| 10" & 12" | 510 | 2 1/4 | 4 1/2 | 5 7/16 | 5 3/16 | 10 1/16 | 6 1/8 | 2 3/4 | 3 | 36 |
| 14", 16", 18" & 20" | 1250 | 3 3/16 | 5 3/4 | 8 3/8 | 7 | 12 5/16 | 7 7/8 | 3 1/4 | 4 | 48 |
| 24" | 2200 | 3 3/16 | 6 1/4 | 10 3/8 | 9 | 14 5/16 | 10 3/4 | 3 7/8 | 6 | 72 |

| VALVE SIZE | A | B | C | J | P | Q | R | S | T | AA | AB | AC | *WEIGHT |
|------------|----------|----------|--------|-------|----|-------|--------|--------|----------|----|---------|--------|---------|
| 3" | 4 | 5 7/16 | 6 5/8 | 5 1/2 | 8 | 3/4 | 10 | 1 1/4 | 5 11/16 | 8 | 3/4-10 | 1 3/16 | 85 |
| 4" | 4 | 5 7/16 | 7 7/8 | 5 1/2 | 8 | 3/4 | 10 | 1 1/4 | 6 15/16 | 4 | 3/4-10 | 1 3/16 | 85 |
| 6" | 5 | 6 1/2 | 10 5/8 | 5 3/4 | 12 | 3/4 | 12 1/2 | 1 7/16 | 9 11/16 | 4 | 3/4-10 | 1 3/8 | 110 |
| 8" | 6 | 7 9/16 | 13 | 6 7/8 | 12 | 7/8 | 15 | 1 5/8 | 11 15/16 | 4 | 7/8-9 | 1 9/16 | 160 |
| 10" | 7 3/4 | 9 5/8 | 15 1/4 | 9 1/4 | 16 | 1 | 17 1/2 | 1 7/8 | 14 1/16 | 4 | 1-8 | 1 1/2 | 252 |
| 12" | 9 1/2 | 11 3/8 | 17 3/4 | 9 3/8 | 16 | 1 1/8 | 20 1/2 | 2 | 16 | 4 | 1 1/8-7 | 1 9/16 | 330 |
| 14" | 10 7/16 | 12 15/16 | 20 1/4 | 9 3/8 | 20 | 1 1/8 | 23 | 2 1/8 | 18 15/16 | 8 | 1 1/8-7 | 1 5/8 | 515 |
| 16" | 12 3/16 | 14 11/16 | 22 1/2 | 9 1/2 | 20 | 1 1/4 | 25 1/2 | 2 1/4 | 21 1/16 | 8 | 1 1/4-7 | 1 3/4 | 600 |
| 18" | 14 5/16 | 15 13/16 | 24 3/4 | 9 1/2 | 24 | 1 1/4 | 28 | 2 3/8 | 23 5/16 | 8 | 1 1/4-7 | 1 3/4 | 775 |
| 20" | 15 7/8 | 18 3/8 | 27 | 9 1/2 | 24 | 1 1/4 | 30 1/2 | 2 1/2 | 25 9/16 | 8 | 1 1/4-7 | 1 3/4 | 900 |
| 24" | 23 11/32 | 20 1/8 | 32 | 9 5/8 | 24 | 1 1/2 | 36 | 2 3/4 | 30 5/16 | 8 | 1 1/2-6 | 1 7/8 | 1180 |

- 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-504 FLANGES & DRILLING (A.N.S.I. 125)
- 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 50mm AWWA OPERATING / WRENCH NUT
- NOTE 8: RATED AND TESTED FOR 250 PSI WORKING PRESSURE
- NOTE 9: "Z" = (1/16 or .0625 RAISED FACE ON EACH FLANGE)

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

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| CLOW CANADA | 75mm THRU 600mm 4500 CLASS 250 BUTTERFLY VALVE NON-INDICATING FLANGED ENDS | DWG. NO. BFE-25-45C |
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