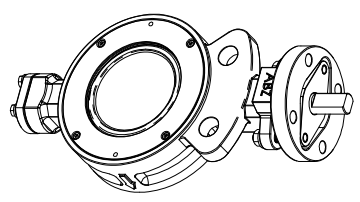


DIMENSIONS

| VALVE SIZE | INCH | MM | φA | C | C1 | D | φF | G | φH | K | FLANGE DIMENSION | | | MOUNTING BASE | | |
|------------|------|------|-------|-------|------|------|------|-------|-------------|-------|------------------|--------------|------|---------------|-----|-----|
| | | | | | | | | | | | B.C. 1 | n | φh1 | B.C. 2 | n | φh2 |
| 2 | 50 | 185 | 4.92 | 3.94 | 1.69 | 4.02 | 1.26 | .551 | .374 | 5.00 | 2 | 5/8"-11 UNC | 3.25 | 4 | .43 | |
| 2.5 | 65 | 236 | 5.87 | 4.02 | 1.85 | 4.02 | 1.26 | .626 | .437 | 5.88 | 2 | 3/4"-10 UNC | 3.25 | 4 | .43 | |
| 3 | 80 | 287 | 6.30 | 4.41 | 1.89 | 4.02 | 1.26 | .626 | .437 | 6.62 | 2 | 3/4"-10 UNC | 3.25 | 4 | .43 | |
| 4 | 100 | 374 | 7.01 | 4.88 | 2.13 | 4.02 | 1.26 | .748 | .500 | 7.88 | 2 | 3/4"-10 UNC | 3.25 | 4 | .43 | |
| 5 | 125 | 469 | 7.60 | 5.55 | 2.25 | 4.02 | 1.26 | .748 | .500 | 9.25 | 2 | 3/4"-10 UNC | 3.25 | 4 | .43 | |
| 6 | 150 | 547 | 8.66 | 6.93 | 2.32 | 4.02 | 1.26 | .748 | .500 | 10.62 | 2 | 3/4"-10 UNC | 3.25 | 4 | .43 | |
| 8 | 200 | 736 | 10.24 | 8.46 | 2.88 | 5.98 | 2.01 | 1.126 | .25x.25 KEY | 13.00 | 2 | 7/8"-9 UNC | 5.00 | 4 | .55 | |
| 10 | 250 | 921 | 11.42 | 9.53 | 3.27 | 5.98 | 2.01 | 1.126 | .25x.25 KEY | 15.25 | 4 | 1"-8 UNC | 5.00 | 4 | .55 | |
| 12 | 300 | 1083 | 12.80 | 10.75 | 3.62 | 5.98 | 2.01 | 1.374 | .31x.31 KEY | 17.75 | 4 | 1 1/8"-8 UNC | 5.00 | 4 | .55 | |

PARTS SCHEDULE

| ITEM NO. | NAME | MATERIAL | NO. REQ'D |
|----------|------------------|----------|-----------|
| 1 | BODY | | 1 |
| 2 | SEAT RING | | 1 |
| 3 | DISC | | 1 |
| 4 | STEM | | 1 |
| 5 | RETAINER RING | | 1 |
| 6 | PACKING | | 1 SET |
| 7 | PACKING GLAND | | 1 |
| 8 | GLAND FLANGE | | 1 |
| 9 | GLAND BOLT | | 2 |
| 10 | NUT | | 2 |
| 11 | SPRING WASHER | | 2 |
| 12 | BUSH BEARING | | 2 |
| 13 | DISC PIN | | 2 |
| 14 | PACKING RETAINER | | 1 |
| 15 | CAP PACKING | | 1 |
| 16 | CAP | | 1 |
| 17 | CAP BOLT | | 4 |
| 18 | SPRING WASHER | | 4 |
| 19 | SEAT RETAINER | | 1 |
| 20 | RETAINER BOLT | | 4 |



ABZ Valves & Controls

HIGH PERFORMANCE
2"-12" FIGURE 421 VALVE
DOUBLE OFFSET
CLASS 300
STANDARD WAFER PATTERN
DIMENSIONS SUBJECT TO
CHANGE WITHOUT NOTICE

DATE: 06-5-07

REV:2

DRAWING NO. 2-12 300 FIG 421

