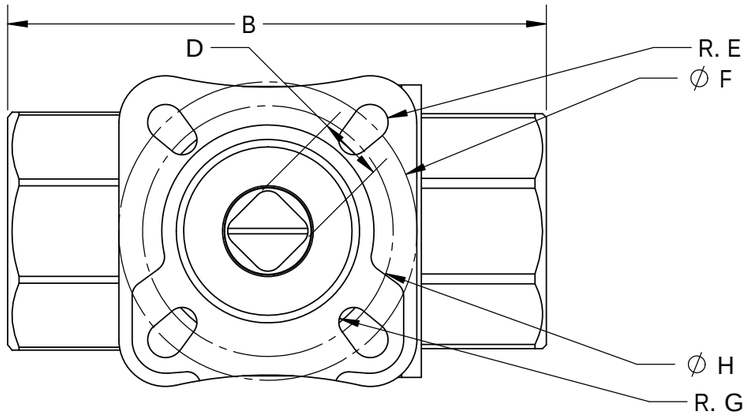
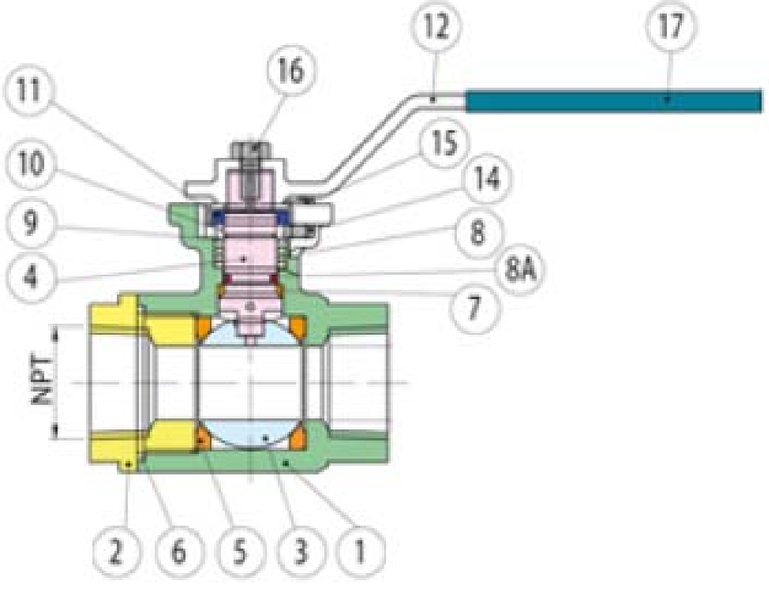
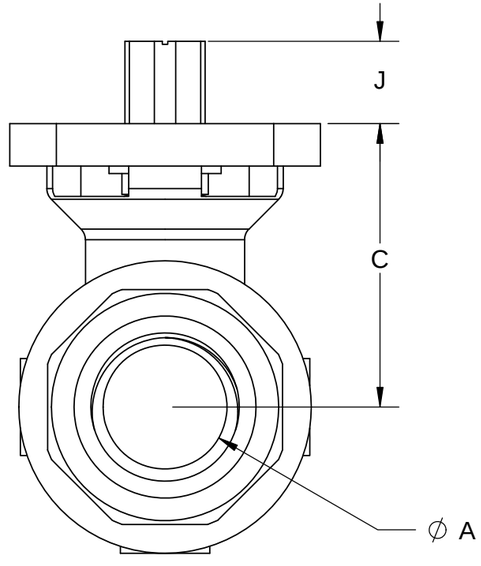
FULL PORT - 1/4" THROUGH
1 1/2" REDUCED PORT - 2"

| Model | VAS21AR | VAS22AR | VAS23AR | VAS24AR | VAS25AR | VAS26AR | VAS27AR | VAS38AR |
|---|---|---|---|---|---|---|---|---|
| Size | 1/4 NPT | 3/8 NPT | 1/2 NPT | 3/4 NPT | 1 NPT | 1 1/4 NPT | 1 1/2 NPT | 2 NPT |
| Temp | -20° / 185°F | -20° / 185°F | -20° / 185°F | -20° / 185°F | -20° / 185°F | -20° / 185°F | -20° / 185°F | -20° / 185°F |
| WOG | 3000 PSI | 3000 PSI | 3000 PSI | 3000 PSI | 3000 PSI | 3000 PSI | 3000 PSI | 3000 PSI |
| A | 0.38 | .38 | .50 | .69 | .87 | 1.14 | 1.37 | 1.37 |
| B | 2.95 | 2.95 | 2.95 | 3.19 | 3.58 | 4.33 | 4.76 | 5.71 |
| C | 1.61 | 1.61 | 1.61 | 1.72 | 2.11 | 2.32 | 2.96 | 2.96 |
| D | 0.35 | 0.35 | 0.35 | 0.35 | 0.43 | 0.43 | 0.55 | 0.55 |
| E | 0.11 | 0.11 | 0.11 | 0.11 | 0.14 | 0.14 | 0.18 | 0.18 |
| F | 1.65 | 1.65 | 1.65 | 1.65 | 1.97 | 1.97 | 2.76 | 2.76 |
| G | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.14 | 0.14 |
| H | 1.42 | 1.42 | 1.42 | 1.42 | 1.65 | 1.65 | 1.97 | 1.97 |
| J | 0.31 | 0.31 | 0.31 | 0.31 | 0.39 | 0.39 | 0.51 | 0.51 |
| MAX. Differential Pressure | 1500 PSI | 1500 PSI | 1500 PSI | 1500 PSI | 1500 PSI | 1500 PSI | 1500 PSI | 1500 PSI |
| Cv | 5.3 | 8 | 19 | 35 | 50 | 110 | 180 | 210 |
| Wt. lbs | 1.4 | 1.4 | 1.5 | 2.0 | 3.1 | 4.8 | 8.1 | 10.5 |




FULL PORT - 1/4" THROUGH 1 1/2"
STANDARD PORT - 2"




## Valve Data

| Item | Parts | Materials |
|---|---|---|
| 1 | Body | ASTM A351-CF8M |
| 2 | End Cap | ASTM A351-CF8M |
| 3 | Ball | ASTM A351-CF8M |
| 4 | Stem | SS316 |
| 5 | Seat | DELRIN |
| 6 | Body Seal | PTFE |
| 7 | Thrust Washer | PTFE |
| 8 | Packing | PTFE |
| 8A | O-Ring | VITON |
| 9 | Thrust Washer | 50% SS - 50% PTFE |
| 10 | Stem Nut | SS304 |
| 11 | Lock Saddle | SS304 |
| | | |
| | | |
| | | |
| | | |
| | | |
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UNCONTROLLED DRAWING

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NO. VAS Series

FILE NO. Sub447

TITLE

Ball Valve SS
2 Piece High Pressure

| DR | DATE | CH'KD | DATE | ENGR | DATE |
|---|---|---|---|---|---|
| CMM | 06-15-23 | | | | |

DynaQuip Controls