



| ORIFICE DATA |                  |
|--------------|------------------|
| DIAMETER     | WORKING PRESSURE |
| 3/8"         | 20-200 PSIG      |

| FLANGE DATA          |           |
|----------------------|-----------|
| FLANGE DIAMETER      | 10.00 in. |
| FLANGE THICKNESS     | 1.25 in.  |
| BOLT CIRCLE DIAMETER | 7.88 in.  |
| NUMBER OF BOLT HOLES | 8         |
| BOLT HOLE DIAMETER   | 0.88 in.  |
| RAISED FACE DIAMETER | 6.19 in.  |
| RAISED FACE HEIGHT   | 0.06 in.  |

- NOTES:**
- INLET SIZE: 4in. CLASS 300 RAISED FACE FLANGE  
OUTLET SIZE: 1" NPT OUTLET
  - APPROXIMATE WEIGHT: 122 lbs

| PARTS LIST |               |                  |                     |      |
|------------|---------------|------------------|---------------------|------|
| ITEM NO.   | PART NUMBER   | DESCRIPTION      | MATERIAL            | QTY. |
| 1          | 17-1P         | SEAT             | 316 STAINLESS STEEL | 1    |
| 2          | 17-2N         | VALVE            | VITON               | 1    |
| 3          | 17-3          | PLUNGER NUT      | 316 STAINLESS STEEL | 1    |
| 4          | 17-4          | PLUNGER          | 316 STAINLESS STEEL | 1    |
| 5          | 17-5SX        | VALVE FULCRUM    | 316 STAINLESS STEEL | 1    |
| 6          | 17-6X         | VALVE LEVER      | 316 STAINLESS STEEL | 1    |
| 7          | 17-7X         | LINK             | 316 STAINLESS STEEL | 2    |
| 8          | 17-8SX        | FLOAT FULCRUM    | 316 STAINLESS STEEL | 1    |
| 9          | 17-9          | FLOAT            | 316 STAINLESS STEEL | 1    |
| 10         | 17-10SX       | FLOAT LEVER      | 316 STAINLESS STEEL | 1    |
| 11         | 13-11AR       | BEARING PIN      | 316 STAINLESS STEEL | 2    |
| 12         | 28X-11S       | BEARING PIN      | 316 STAINLESS STEEL | 1    |
| 13         | 27-11S        | BEARING PIN      | 316 STAINLESS STEEL | 1    |
| 14         | 18-7A         | COTTER PIN       | 316 STAINLESS STEEL | 4    |
| 15         | HHCS.25X1.25  | FULCRUM BOLT     | 316 STAINLESS STEEL | 2    |
| 16         | SHSS10-32X.37 | SET SCREW        | 316 STAINLESS STEEL | 1    |
| 17         | 28-21X        | LIMIT STOP       | 316 STAINLESS STEEL | 1    |
| 18         | 15-19X        | TOP              | 316 STAINLESS STEEL | 1    |
| 19         | 28-2X-2       | COVER FLANGE     | 316 STAINLESS STEEL | 1    |
| 20         | 28-3X-4       | BODY             | A351 GR. CF8M       | 1    |
| 21         | AS568A-272    | COVER O-RING     | VITON               | 1    |
| 22         | AS568A-012    | FULCRUM O-RING   | VITON               | 2    |
| 23         | 15-23         | SEAT GASKET      | VITON               | 1    |
| 24         | 28-11X        | CLAMP HALF       | A351 GR. CF8M       | 2    |
| 25         | HHCS.5X3.5    | CLAMP BOLT       | 316 STAINLESS STEEL | 2    |
| 26         | LW.5          | LOCK WASHER      | 316 STAINLESS STEEL | 2    |
| 27         | FHN.5-13      | CLAMP NUT        | 316 STAINLESS STEEL | 3    |
| 28         | 36-33         | PLUG             | 316 STAINLESS STEEL | 2    |
| 29         | NPL 4X3.5     | NIPPLE           | 316 STAINLESS STEEL | 1    |
| 30         | 404-9H-RF     | COMPANION FLANGE | 316 STAINLESS STEEL | 1    |

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|                                   |                |   |
|-----------------------------------|----------------|---|
| UNLESS OTHERWISE SPECIFIED:       | NAME           | DATE                                      |
| DIMENSIONS ARE IN INCHES          | DRAWN          | DJF 9-1-21                                |
| XX DIMENSIONS ±.01                | CHECKED        | BBG 9-1-21                                |
| XXX DIMENSIONS ±.005              | ENG APPR.      | - -                                       |
| DRILLED HOLES ±.01                | MFG APPR.      | - -                                       |
| ANGLES ±.1                        | Q.A.           | - -                                       |
| CONVENTIONAL DIMENSIONS SEE BELOW | FILE LOCATION: | \\S2\st1\Drawings\ASSEMBLY\X Series\PX40\ |
| MACHINED TO ±.005 TH              | MATERIAL:      | FILE NAME: PX43                           |
| MACHINED TO ±.02 TH               | FINISH:        |   |
| MACHINED SURFACES ±.125 RMS       |                |   |
| REMOVE BURRS                      |                |   |
| BREAK SHARP EDGES                 |                |   |

**Crispin Valves**

4in. CL. 300 RAISED FACE X-SERIES PRESSURE AIR RELEASE VALVE

|               |          |              |
|---------------|----------|--------------|
| SIZE          | DWG. NO. | REV          |
| <b>B</b>      | PX43     | 0            |
| SCALE: 0.31:1 | WT: LB   | SHEET 1 OF 1 |