



| PARTS LIST | | | | |
|------------|-------------|----------------|-----------------|------|
| ITEM NO. | PART NUMBER | DESCRIPTION | MATERIAL | QTY. |
| 1 | 303-1F | BODY | DUCTILE IRON | 1 |
| 2 | 303-2 | SEAT RING | STAINLESS STEEL | 1 |
| 3 | 303-3SC | SURGE DISC | STAINLESS STEEL | 1 |
| 4 | 303-4 | SPRING | STAINLESS STEEL | 1 |
| 5 | 303-5 | BUSHING | STAINLESS STEEL | 1 |
| 6 | BHCS.25X.50 | SCREW | STAINLESS STEEL | 2 |
| 7 | 68-11A | RETAINING RING | STAINLESS STEEL | 1 |

| FLANGE DATA | |
|----------------------|----------|
| FLANGE DIAMETER | 7.50 in. |
| FLANGE THICKNESS | 0.94 in. |
| BOLT CIRCLE DIAMETER | 6.00 in. |
| NUMBER OF BOLT HOLES | 4 |
| BOLT HOLE DIAMETER | 0.75 in. |

NOTES:

- INLET SIZE: 3" CL. 150 FLANGED
OUTLET SIZE: 3" CL. 150 FLANGED
- APPROXIMATE WEIGHT: 29 lbs
- VALVE WILL BE COATED EXTERNALLY WITH PHENOLIC ALKYD PRIMER

| REV. | DESCRIPTION | DATE | APPROVED |
|------|-----------------------|----------|----------|
| 1 | REDRAWN IN SOLIDWORKS | 10-15-21 | |

REVISIONS

| UNLESS OTHERWISE SPECIFIED: | NAME | DATE |
|---|------|----------|
| DIMENSIONS ARE IN INCHES | DJF | 10-15-21 |
| XX DIMENSIONS ±.1 | | |
| XXX DIMENSIONS ±.01 | | |
| XXXX DIMENSIONS ±.005 | | |
| DRILLED HOLES ±.01 | | |
| ANGLES ±.1° | | |
| CONCENTRIC DIAMETERS SEE BELOW | | |
| MACHINED TO CAST .005 TIR | | |
| MACHINED TO CAST .02 TIR | | |
| MACHINED SURFACES 125 BMS | | |
| REMOVE CHAMFERS | | |
| BREAK SHARP EDGES | | |
| MATERIAL: PER BOM | | |
| FINISH: | | |
| FILE LOCATION: \\S2\sl1\Drawings\ASSEMBLY\SCV | | |
| FILE NAME: SC31.r1 | | |

CRISPIN VALVES

TITLE:
3" CL. 150 SURGE CHECK VALVE

SIZE DWG. NO. REV
B SC31 1

SCALE: 1:1 WT: LB SHEET 1 OF 1

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