



PARTS LIST				
ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.
1	1414-1F	BODY	DUCTILE IRON	1
2	1414-2	SEAT RING	STAINLESS STEEL	1
3	1414-3SC	SURGE DISC	STAINLESS STEEL	1
4	1616-4	SPRING	STAINLESS STEEL	1
5	1414-5	BUSHING	STAINLESS STEEL	1
6	BHCS.25X.50	SCREW	STAINLESS STEEL	2
7	1616-8	RETAINING RING	STAINLESS STEEL	1
8	1414-30	SHAFT	STAINLESS STEEL	1

FLANGE DATA	
FLANGE DIAMETER	21.00 in.
FLANGE THICKNESS	1.38 in.
BOLT CIRCLE DIAMETER	18.75 in.
NUMBER OF BOLT HOLES	12
BOLT HOLE DIAMETER	1.12 in.

- NOTES:**
- INLET SIZE: 14" CL. 150 FLANGED  
OUTLET SIZE: 14" CL. 150 FLANGED
  - APPROXIMATE WEIGHT: 380 lbs
  - VALVE WILL BE COATED EXTERNALLY WITH PHENOLIC ALKYD PRIMER

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

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

UNLESS OTHERWISE SPECIFIED:			
DIMENSIONS ARE IN INCHES		NAME	DATE
XX DIMENSIONS	±.1	DRAWN	DJF 10-15-21
XXX DIMENSIONS	±.01	CHECKED	- -
XXXX DIMENSIONS	±.005	ENG APPR.	- -
DRILLED HOLES	±.01	MFG APPR.	- -
ANGLES	±.1°	Q.A.	- -
CONCENTRIC DIAMETERS	SEE BELOW	FILE LOCATION:	\\S2\51\Drawings\ASSEMBLY\SC\
MACHINED	005 TIR	FILE NAME:	SC141 r1
MACHINED TO CAST	02 TIR		
MACHINED SURFACES	125 BMS		
REMOVE CHAMFERS			
BREAK SHARP EDGES			

PROPRIETARY AND CONFIDENTIAL  
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CRISPIN VALVE. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CRISPIN VALVE IS PROHIBITED.

DO NOT SCALE DRAWING

**CRISPIN VALVES**

TITLE:  
**14" CL. 150 SURGE CHECK VALVE**

SIZE	DWG. NO.	REV
<b>B</b>	SC141	1

SCALE: 0.38:1 WT: LB SHEET 1 OF 1