



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

FLANGE DATA	
FLANGE DIAMETER	25.50 in.
FLANGE THICKNESS	2.25 in.
BOLT CIRCLE DIAMETER	22.50 in.
NUMBER OF BOLT HOLES	20
BOLT HOLE DIAMETER	1.38 in.

- NOTES:**
- INLET SIZE: 16" CL. 300 FLANGED
 - OUTLET SIZE: 16" CL. 300 FLANGED
 - APPROXIMATE WEIGHT: 658 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:		NAME	DATE
DIMENSIONS ARE IN INCHES		DRAWN	DJF 10-15-21
XX DIMENSIONS	±.1	CHECKED	- -
XXX DIMENSIONS	±.01	ENG APPR.	- -
XXXX DIMENSIONS	±.005	MFG APPR.	- -
DRILLED HOLES	±.01	Q.A.	- -
ANGLES	±1°	FILE LOCATION:	\\S2\sl1\Drawings\ASSEMBLY\SC\
CONCENTRIC DIAMETERS	SEE BELOW	FILE NAME:	SC163.r1
MACHINED	005 TIR		
MACHINED TO CAST	02 TIR		
MACHINED SURFACES	125 BMS		
	BREAK SHARP EDGES		
MATERIAL:	PER BOM		
FINISH:			

PROPRIETARY AND CONFIDENTIAL
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CRISPIN VALVES

TITLE:
 16" CL. 300 SURGE CHECK VALVE

SIZE DWG. NO. REV
B SC163 1

SCALE: 0.31:1 WT: LB SHEET 1 OF 1

DO NOT SCALE DRAWING