



PART NUMBER	NOMINAL VALVE SIZE	A	B	C APPROX.	D	E APPROX.	F			APPROXIMATE WEIGHT	
							NUMBER OF HOLES	BOLT HOLE DIAMETER	BOLT CIRCLE DIAMETER	VALVE	BALL
880S-300	1"	6.00"	5.5"	0.70"	2.25"	0.89"	4	0.75"	3.50"	APPROX. 20	0.17
880S-300	1.5"	8.50"	6.5"	0.88"	2.88"	1.05"	4	0.88"	4.50"	APPROX. 30	0.44
880S-300	2"	8.80"	7.5"	0.95"	3.63"	1.13"	8	0.75"	5.00"	APPROX. 60	0.87
880S-300	3"	10.00"	10.00"	1.20"	5.00"	1.32"	8	0.875"	6.63"	APPROX. 80	2.44
880S-300	4"	11.75"	11.75"	1.24"	6.19"	1.50"	8	0.875"	7.875"	APPROX. 110	5.84
880S-300	6"	16.63	17.38	1.44	8.50	1.75	12	0.875"	10.63	APPROX. 250	18.9

BILL OF MATERIAL				
PART NUM.	PART NAME	QUANTITY	MATERIAL	ASTM NUMBER
1	BODY HALF	2	STEEL	A576 GR-1018
2	LINER	2	AS SPECIFIED	N/A
3	STUD	*	STEEL	A193 B7
4	NUT	**	STEEL	A563 GR A
5	BALL	1	PTFE	N/A
6	SPRING	1	AS SPECIFIED	N/A

TOLERANCES:  
A AND B = ± 0.125"  
ALL OTHERS = ± 0.063"

\* - 1" AND 1.5" SIZES = 4  
2" THRU 4" SIZES = 8  
6" SIZE = 12

\*\* - 1" AND 1.5" SIZES = 8  
2" THRU 4" SIZES = 16  
6" SIZE = 24

3 2 1	CHANGED BODY MATERIAL AND 6" SIZE-# OF STUDS & NUTS. ADDED TITLE CHANGED DIMENSIONS A,B,C,&E FOR THE 3" SIZE.	3-8-01 7-8-06 4-2-01	B.K. B.K. B.K.	This drawing shall not be reproduced, copied, lent, disclosed, published, or disposed of, directly or indirectly, nor used for any purpose other than that for which it was specifically furnished	<b>ChemValve, Inc.</b> Tomball, Texas	
					Model Number 880S-300 - DIMENSION DRAWING	
					Drawn: B.K.	Part Name 880S-300
					Checked:	
					Approved: B.K.	Drawing Number 880S-300-DEM 1
No.	Revision	Description	Date	Chk'd	Date	Rev.
					11-8-99	3