

Industry: Pharmaceutical
 Product: Clean Steam valves
 Media: Clean Steam, Clean Air, Condensation, Glycol



GENERIC NO.
CSHLD5F-V--9566

SCALE 0.38

SECTION A-A

VALVE SHOWN IN INLET TRAP POSITION (FAIL POSITION)

REV. REV. DATE CHK BY APP BY

REV. No.	REV. DATE	CHK BY	APP BY	REMARKS
1	JFM MAR 11/18/99	XBG	DTM	REVISION CHANGED FROM TYPE TO WTE; OPTION BOX WAS DELETED.
2	JFM MAR 11/18/99	PWE	DDK	PART NO. SPC-C326 WAS PWR-25-008A; PART NO. SPC-C326-W WAS SPC-C326-W; PART NO. SPC-D510-W WAS SPC-D510-W; PART NO. SPC-D510 WAS SPC-D510; PART NO. SPC-D525 WAS SPC-D525; PART NO. SPC-D525-W WAS SPC-D525-W; PART NO. SPC-D525 WAS SPC-D525; PART NO. SPC-D525-W WAS SPC-D525-W; PART NO. SPC-D525 WAS SPC-D525; PART NO. SPC-D525-W WAS SPC-D525-W.
3	JDK SEP 08/99	APP	SLK	PART NO. PUB-0535-0048 WAS PAB-0535-0048; PART NO. PUB-0535-0048 WAS PAB-0535-0048.

NOTES:

- 1.) VALVE SHOWN IN OPEN POSITION.
- 2.) ACTUATOR IS SIZED FOR 60 PSIG SUPPLY, AND IS SET TO FAIL TO THE INLET TO TRAP POSITION.
- 3.) ALL DIMENSIONS ARE IN INCHES, AND ARE FOR REFERENCE USE ONLY.
- 4.) FOR MAINTENANCE AND ASSEMBLY PROCEDURES SEE PBM INC. MAINTENANCE INSTRUCTIONS.
- 5.) DO NOT OVER TIGHTEN BODY BOLTS AS THIS WILL CAUSE HIGH TORQUE, AND DECREASE THE LIFE OF THE SEATS. TIGHTEN BODY BOLTS TO COMPENSATE FOR NORMAL SEAT WEAR (SEE NOTE 4).

ITEM	PART NO.	DESCRIPTION	QTY.	MATERIAL
17	SPTD560	STEM PACKING	2	GL FL TFE
2	SPE-E56	VALVE I.D. TAG	1	300 SER SST
3	SPE-E110	SPRING WASHER	6	301 SST
4	SPE-D510	TRIM HEX NUT (1/4\"-20)	1	18-8 SST
5	SPE-D506	FOLLOWER	1	300 SER SST
6	SPE-C525	BRACKET	1	STW STL
7	SPLD565-W	STEM (ELECTROPOLISH ONLY)	1	A479 S31603
8	SINLD585G	CHIP RING (15 RA MAX. MECH. I.D. POLISH W/ E.P.)	2	A479 S31603
9	SINLD531-G1	END FITTING (15 RA MAX. MECH. I.D. POLISH W/ E.P.)	2	A321, CF3M
10	SINLD530-W	BALL (15 RA MAX. MECH. I.D. POLISH W/ E.P.)	1	316L SST
11	PARN-51--042Y	WESTLOCK BEACON	1	PURCHASED
12	PARN-26--0017	WESTLOCK WILCOX SHAFT (B1300017)	1	PURCHASED
13	PATR-E535--0053	SPRING RETURN PNEUMATIC ACTUATOR (508)	1	PURCHASED
14	OREP-12--202B	O-RING #2-024	2	E3049-T8 OR O2100-T8
15	OREP-12--202A	O-RING #2-024	2	E3049-T8 OR O2100-T8
16	HWKJCFIN	HEX NUT (5/16\"-18 UNF)	4	18-8 SST
17	HWKJCEL	NY COLLAR LOCKWASHER (1/4\")	2	18-8 SST
18	HWKJCE86	SOC HD CAPSCREW (1/4\"-20 X 3/4\" LG.)	2	18-8 SST
19	HWKJFXL	LOCKWASHER (5/16\")	4	18-8 SST
20	HWKJFEL	LOCKWASHER (1/4\")	4	18-8 SST
21	HWKJFSL	LOCKWASHER (W6)	4	18-8 SST
22	HWKCE96	HEX BOLT (5/16\"-18 X 3/4\" LG.)	4	18-8 SST
23	HWKACE28	HEX NUT (1/4\"-20)	4	18-8 SST
24	HWKACE24	HEX BOLT (1/4\"-20 X 2-1/2\" LG.)	4	18-8 SST
25	HWKACE24	HEX CAPSCREW (1/4\"-20 X 1/2\" LG.)	4	18-8 SST
26	HWKACE18	HEX CAPSCREW (1/4\"-20 X 1/2\" LG.)	4	18-8 SST
27	DVLD531-G1	BODY (15 RA MAX. MECH. I.D. POLISH W/ E.P.)	1	A321, CF3M
28	C8RTD513	BODY GASKET	2	GL FL TFE
29	C8RTD560	CLEAN STEAM SEAT	2	GL FL TFE
30	CSF-5517	SPRING WASHER (KEY # 81099-G-843-S, OR EQUAL)	8	301 SST
31	DDK 0560V	INSULET	1	300 SER SST
32	DSK-0522---1	BRACKET	1	300 SER SST

UNIT	DATE	REV. NO.	REV. DATE	APP. BY	CHK. BY	DATE
INCH	11/18/99	D	11/18/99	APP	CHK	11/18/99

PBM, Inc.
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Sandusky, OH 44870
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3/4\" CSHLD5. 2-WAY BALL VALVE WITH RWTE END CONNECTIONS, RIFE SEATS & SEALS, EP O-RINGS, (1) 3/4\" TRI-CLAMP PURGE PORT IN BODY, SPRING RETURN ACTUATOR FOR 60 PSIG SUPPLY 15 RA MAX. MECH. I.D. POLISH & E.P.

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SHEET 1 of 1

Application Brief: A major pharmaceutical company needed a valve solution that maintained the temperature of their steam, eliminated external leakage and increased production. PBM's Clean Steam and Clean Steam Trap valves were the valves of choice.