



S-232HCB-xxS4
ST. STL. CRYOGENIC GLOBE VALVE
W/ SOCKET WELD ENDS

SERVICE: 400 PSIG NON-SHOCK COLD
TEMPERATURE RATING +150°F TO -325°F

#	PART NAME	MATERIAL SPECIFICATION	KIT #
1	HANDWHEEL	ASTM A47 GRADE 32510 ASTM A395 GRADE 60-40-18	4
2	BOLT	ASTM A320 S30400	4
3	NUT	ASTM A194 S30400	4
4A	DISC NUT	ASTM A276 S31600	2,4
4B	SEAT DISC	D1430 PCTFE	2,4
4C	RETAINER	ASTM D3307 GRADE 350	2,4
4D	NUT	ASTM A276 S31600	2,4
4E	STEM	ASTM A276 S31600	2,4
5	BOLT	ASTM A320 S30400	4
6A	BONNET	ASME SA-351 GRADE CF3M ASTM A351 GRADE CF3M	4
7	BONNET NUT	ASTM A194 S30400	4
8	BODY	ASME SA-351 GRADE CF3M	4
9	STEM BEARING	NITRONIC 60	4
10	RETAINING RING	ASTM A276 S31600	4
11	GLAND FLANGE	ASME SA-351 GRADE CF8 ASTM A351 GRADE CF8	4
12	CHEVRON SET	PTFE	1,4
13	CHEVRON ADAPTER	ASTM A479 S31600	1,4
14	PACKING ADAPTER	ASTM A276 S31600 ASTM A276 S31600	1,4
15	GASKET	PTFE	1,2,3,4
16	ID TAG	ASTM B209 A91100	4
17	WASHER	304 SS1L	4
18	LAM NUT	ZINC OR CADMIUM PLATED STEEL	4
19	SET SCREW	ASTM F880 S30400	4

* DENOTES A ONE PIECE CASTING
 Δ DENOTES PRESSURE CONTAINING
 Ω USED ON S-232HCB-12S4* ONLY
 Ω USED ON S-232HCB-4S4 & S-232HCB-8S4* ONLY

ALL DIMENSIONS ARE IN INCHES

ASM #	SIZE	"A"	"B"	"C"	"D"	"E"	"F"	"K"	#1 PACKING KIT	#2 SEAT/STEM KIT	#3 GASKET KIT	#4 UPPER ASM KIT
S-232HCB-4S4	1/2"	4.25	14.56	2.37	.86	.38	5.00	10.2	S-232-04-81	S-232-04-82	S-232-04-83	S-232-04-85
S-232HCB-8S4	1"	5.38	17.00	3.00	1.34	.51	7.13	11.5	S-232-08-81	S-232-08-82	S-232-08-83	S-232-08-85
S-232HCB-12S4	1 1/2"	6.88	18.88	4.00	1.92	.50	8.25	12.9	S-232-12-81	S-232-12-82	S-232-12-83	S-232-12-85

