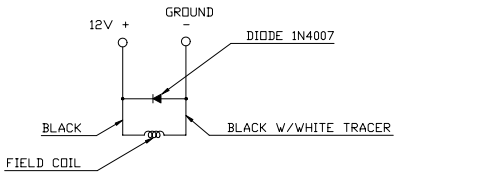
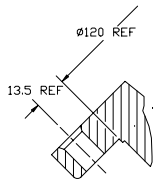
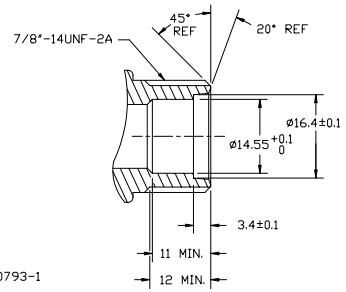


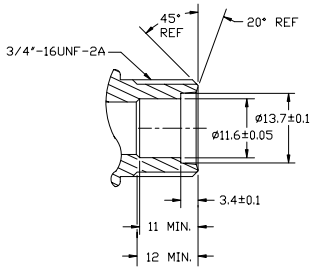
CIRCUIT DIAGRAM ⚠



SECTION A-A

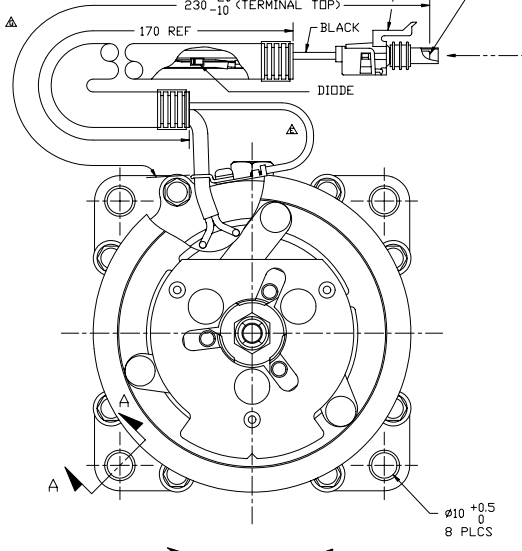


SECTION E-E
SCALE: 2:1
(SECTION SHOWN WITH SEAL CAP REMOVED)

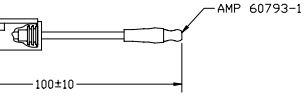


SECTION F-F
SCALE: 2:1
(SECTION SHOWN WITH SEAL CAP REMOVED)

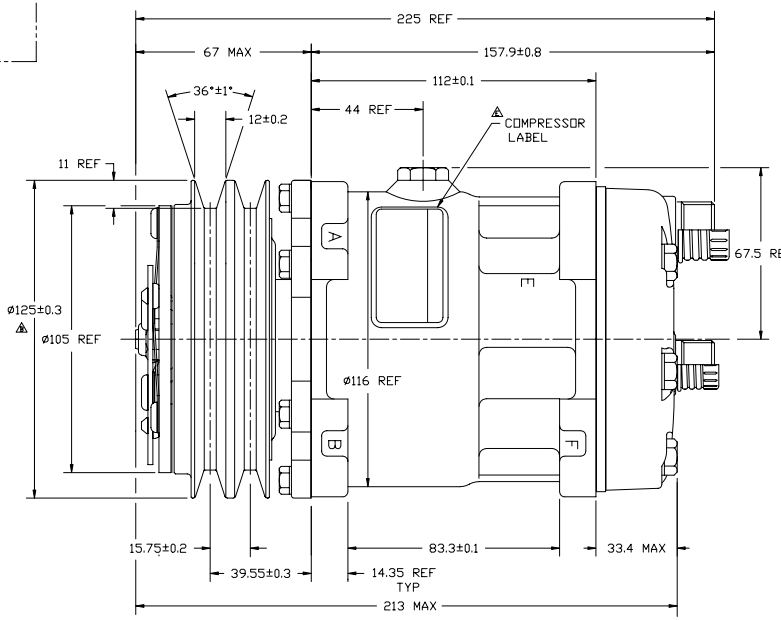
PDCN.	REV.	APPV DATE	REVISIONS	DWN	DSGN	CHK	APPV
	⚠		INITIAL ISSUE				
96339	⚠	1/16/97	CHANGED ROTOR DIAMETER: ø125±0.3 WAS ø132±0.3	TG	JP	DRL	EMA
97164	⚠	8/7/97	CHANGED CYL. HEAD FROM "GL" TO "KG"	RH	CK	DRL	EMA
98136	⚠	9/22/98	PULLEY ø125 (4.9 in) WAS ø132 (5.2 in)	CT	JP	DRL	EMA
99198	⚠	5/3/99	CHANGED FROM MONOPOLE TO DIPOLE FIELD COIL ASSEMBLY. ADDED COMPRESSOR LABEL.	JW	LM	DRL	DD
2001340	⚠	11/1/01	OIL SP-15 WAS SP-20	JS	LK	DRL	MY
2003140	⚠	5/30/03	6748-6040 COIL ASSY WAS 6724-6140 ADDED: CIRCUIT DIAGRAM AND WIRING ADAPTER (4860-0400)	JS	HF	DRL	BP

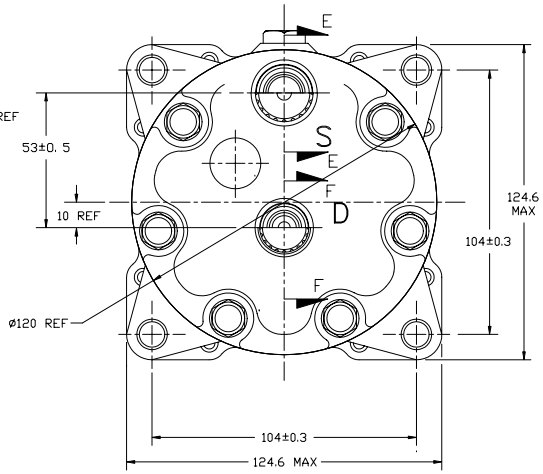


CLOCKWISE ROTATION



ASSEMBLED COMPRESSORS TO HAVE ⚠ CONNECTORS ENGAGED (4860-0400)





COMPRESSOR SPECIFICATIONS

DISPLACEMENT PER REVOLUTION	154.9 cc / rev. (9.5cu.in. / rev.)
MAXIMUM ALLOWABLE R.P.M.	8000 R.P.M.
MAXIMUM ALLOWABLE CONTINUOUS R.P.M.	6000 R.P.M.
REFRIGERANT	R134a
⚠ OIL (SP-15)	135 cc (4.5 fl.oz.)
WEIGHT	7.5 kg (16.6 lb.)

CLUTCH SPECIFICATIONS

RATED VOLTAGE	DC 12V
BREAKAWAY TORQUE	3.5 kgf-m min. @ 12V
MINIMUM ENGAGEMENT VOLTAGE	7.5V @ AIR GAP 0.6mm REF
POWER CONSUMPTION	49 watts max.
BELT TYPE	A TYPE
MAXIMUM ALLOWABLE BELT TENSION	60 kgf PER BELT
⚠ PULLEY DIAMETER	ø125mm (4.9 in.)
CLUTCH TYPE	HEAVY DUTY

DO NOT SCALE

REV. LEVEL		
A~E	RELEASED FOR ENGG. DEVELOPMENT	DSGN D.Dobbs 10/21/96
		DWN Andrew Brown
		CHK Dennis Lee 9/21/96
		APPV. E.Marrieta T.Sato
		APPV. DATE 10/21/96
A~E	RELEASED FOR DESIGN VALIDATION	DSGN D.Dobbs 10/21/96
		APPV. E.Marrieta T.Sato
		APPV. DATE 10/21/96
A~E	RELEASED FOR PRODUCTION VAL'D.	DSGN D.Dobbs 10/21/96
		APPV. E.Marrieta T.Sato
		APPV. DATE 10/21/96
A~E	RELEASED FOR PRODUCTION	DSGN D.Dobbs 10/21/96
		APPV. E.Marrieta T.Sato
		APPV. DATE 10/21/96

SANDEN
SANDEN INTERNATIONAL (U.S.A.), INC.
DRAWN SCALE REF 1:1 PLOTTED SCALE REF 1:1 METRIC

This drawing and the information contained hereon are CONFIDENTIAL and PROPRIETARY to Sanden International (U.S.A.), Inc., are received in CONFIDENCE and shall not be used, copied, or disclosed to others without the written permission of Sanden International (U.S.A.), Inc.

INTERPRETATION OF THIS DRAWING PER ASME Y14.5M-1994

THIRD ANGLE PROJECTION SIZE D

MATERIAL:

NAME COMPRESSOR

DWG. NO. 4709-6000 REV. G