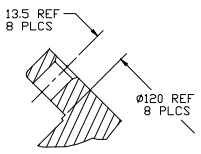
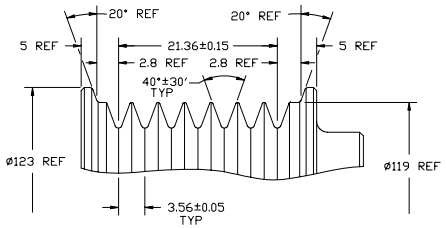
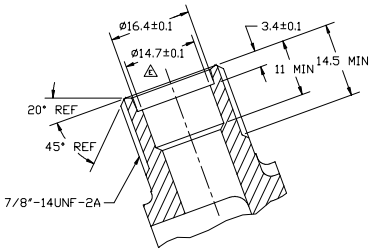
PDCN	REV.	APPV DATE	REVISIONS	DWN	DSGN	CHK	APPV
93377	A	1/28/94	ADDED DIMENSIONS: 15 REF; 20 REF; 26.2 MAX. PRV . CHANGED: 239 MAX WAS 211 REF; MODEL NUMBER SD7H15JD4645 WAS SD7H15JD4645; OIL AMOUNT 300cc (10.1 fl.oz.) WAS 240cc (8.1 fl.oz.) .	PW	PW	DRL	EMA
94090	A	3/17/94	ADDED DIODE	RH	RH	RK	EMA
94127	A	6/14/94	ø14.7±0.1 WAS ø14.6±0.05.	RK	JKN	JKN	EMA
99213	A	5/27/99	CHANGED FROM MONOPOLE TO DIPOLE FIELD COIL ASSEMBLY. ADDED CIRCUIT DIAGRAM	RH	LM	DRL	DD HT
2000024 99007	A	5/27/99	CHANGED PRV FROM 4605-6470 TO 4967-6470. DELETED DIM 26.2 MAX. 220 MAX WAS 239 MAX. UPDATED TITLE BLOCK.	TG	LM	DRL	DSeals
2001340	A	11/12/01	OIL (SP-15) WAS OIL (SP-20)	DKC	LK	DRL	MY
2002197	A	09/16/02	CHANGED TO KEYED RSA 46.35±0.8 WAS 46.55±0.3	RSR	HF	DRL	BP
2002375	A	1/29/03	TERMINAL: PACKARD # 12124580 WAS 12010182.	DRL	HF	DRL	BP
2006310	A	12/11/06	PRV: 4307-6470 WAS 4967-6470 221 MAX WAS 220 MAX	RSR	JW	DRL	TK
2008042	A	7/15/08	UPDATED TO REFLECT LATEST REVISION OF CYL. HEAD 4647-0450	TG	AA	SN	RM



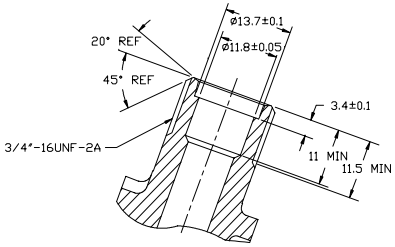
SECTION A-A



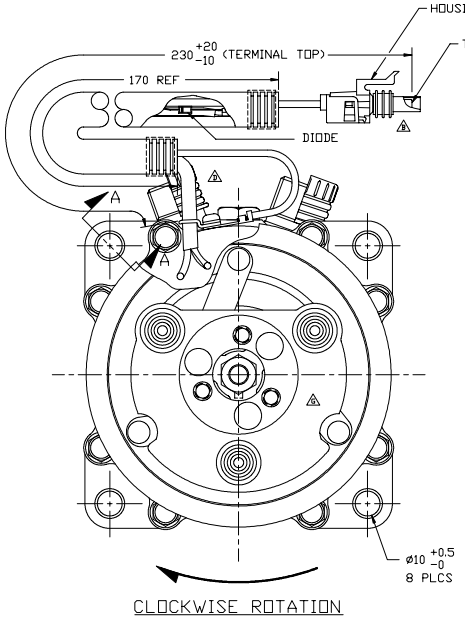
DETAIL E
SCALE: 3:1



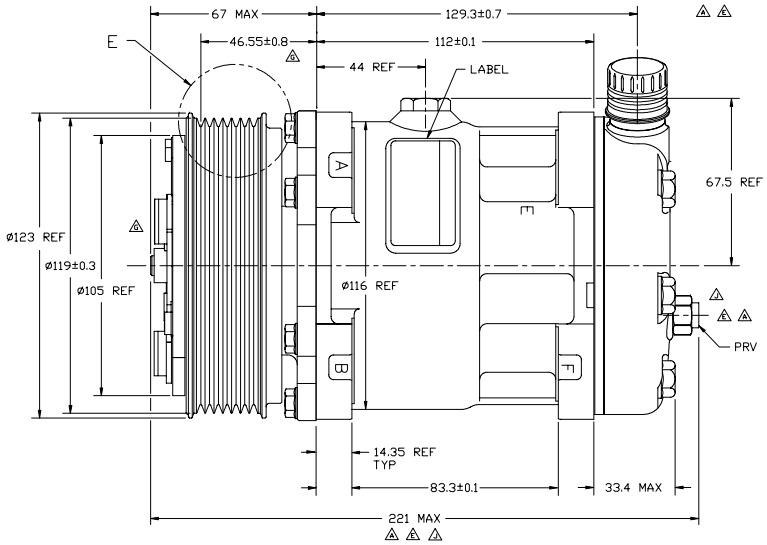
SECTION B-B
SCALE: 2:1
(SECTION SHOWN WITH SEAL CAP REMOVED)

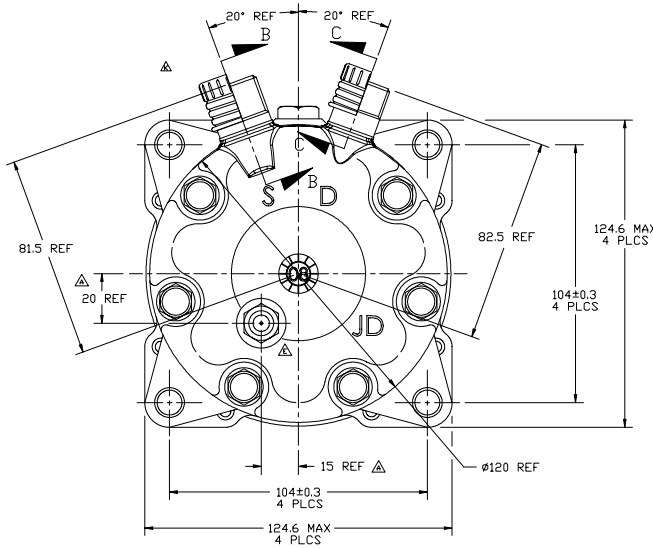


SECTION C-C
SCALE: 2:1
(SECTION SHOWN WITH SEAL CAP REMOVED)



CLOCKWISE ROTATION



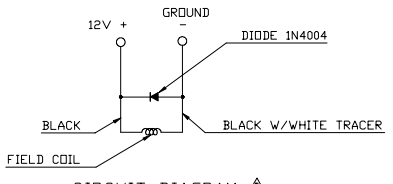


COMPRESSOR SPECIFICATIONS (REF)

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)	300 cc (10.1 floz.)
WEIGHT	34.2 kg (15.1 lb.)

CLUTCH SPECIFICATIONS (REF)

RATED VOLTAGE	DC 12V
BREAKAWAY TORQUE	3.5 kgf-m min. @ 12V
MINIMUM ENGAGEMENT VOLTAGE	7.5V @ AIR GAP 0.6mm
POWER CONSUMPTION	49 watts max.
BELT TYPE	PV7 TYPE
MAXIMUM ALLOWABLE BELT TENSION	105 kgf
PULLEY DIAMETER	ø119mm (4.69 in.)
CLUTCH TYPE	HEAVY DUTY



CIRCUIT DIAGRAM

DO NOT SCALE

REV. LEVEL	RELEASED FOR:	
A-D	ENGG DEVELOPMENT	DSGN Dennis Lee
		DWN Dennis Lee
		CHK EMA DMc
		APPV. JB NED Nori Ishikawa
		APPV. DATE 6/15/93
REV. LEVEL	RELEASED FOR:	
A-D	DESIGN VALIDATION	DSGN Dennis Lee
		APPV. JB NED Nori Ishikawa
		APPV. DATE 6/15/93
REV. LEVEL	RELEASED FOR:	
A-D	PRODUCTION VAL'D.	DSGN Dennis Lee
		APPV. JB NED Nori Ishikawa
		APPV. DATE 6/15/93
REV. LEVEL	RELEASED FOR:	
A-D	PRODUCTION	DSGN Dennis Lee
		APPV. JB NED Nori Ishikawa
		APPV. DATE 6/15/93

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DRAWN SCALE REF 1:1 | PLOTTED SCALE REF NONE | METRIC

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

THIRD ANGLE PROJECTION | SIZE D

MATERIAL:

NAME
COMPRESSOR

DWG. NO. 4645-6000 | REV K