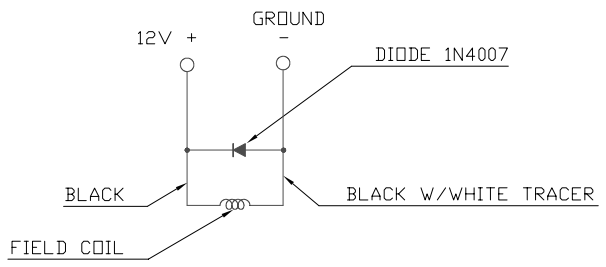
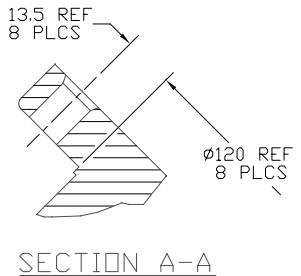
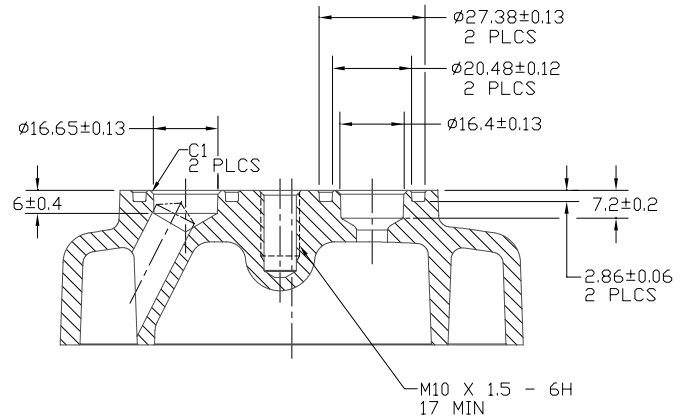
PDCN	REV.	APPV DATE	REVISIONS	DWN	DSGN	CHK	APPV
	A		INITIAL ISSUE				
2001262	B	08/23/01	CHANGED CORE FROM 6771-6040 TO 6748-6040 170 REF WAS 220 REF 230 +20 -10 (TERMINAL TOP) WAS 280 +20 -10 (TERMINAL TOP)	RSR	MH	DRL	DS
2001340	C	11/07/01	OIL SP-15 WAS SP-20	JS	LK	DRL	MY
2002074	D	03/27/02	REMOVED "GN" CYLINDER HEAD AND DIMS AND ADDED "GV" CYLINDER HEAD AND DIMS 226.4 MAX WAS 215 MAX 44.8 MAX WAS 33.4 MAX 158.8±0.6 WAS 147.47.6 UPDATED SECTION A-A CHANGED VIEW OF WIRING DIAGRAM	RSR	MH	DRL	JC
2002175	E	6/24/02	50.8±0.8 WAS 50.8±0.3	DRL	MH	DRL	RG
2003033	F	3/28/03	ADDED ø10 +0.5 0 8 PLCS	JS	DS HF	DRL	RG
2006310	G	12/07/06	PRV 4307-6470 WAS 4967-6470	JS	JW	DRL	RM
2007143	H	07/02/07	UPDATED DRAWING TO REFLECT THE ACTUAL ROTOR USED	TG	BC	YN	YN



CIRCUIT DIAGRAM

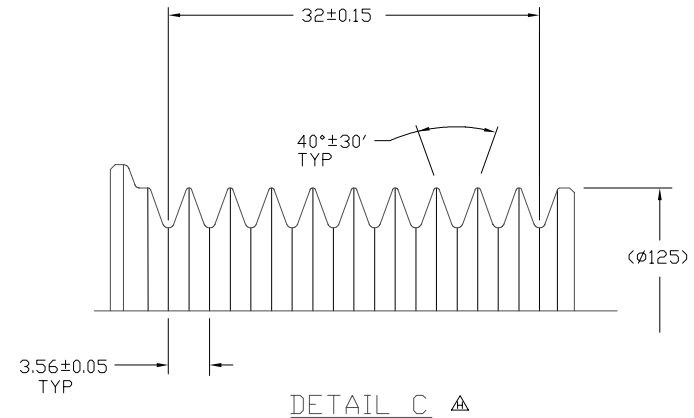


SECTION A-A



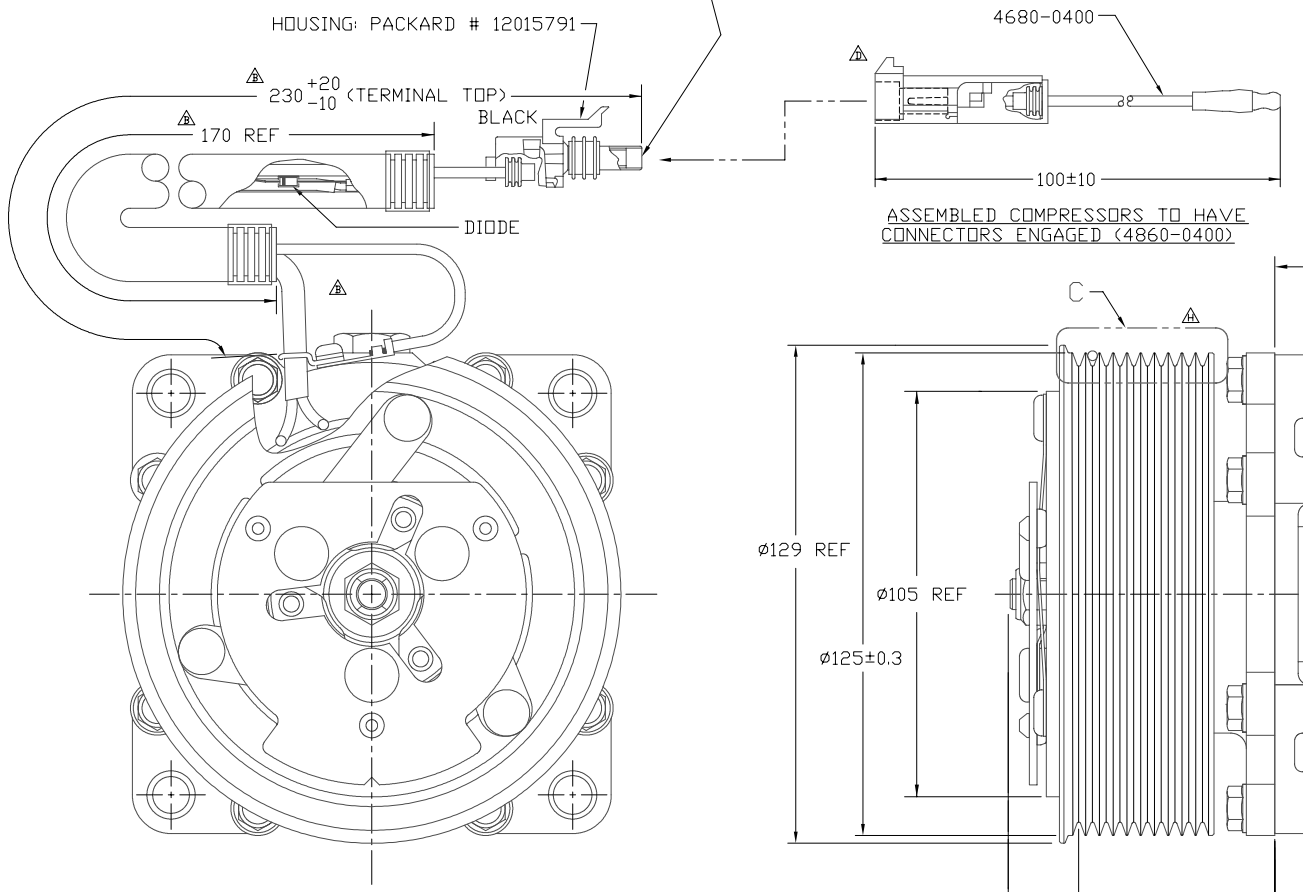
⚠ SECTION B-B

(SECTION WITH O-RINGS, SHIPPING PAD ASSEMBLY, AND BOLT REMOVED)



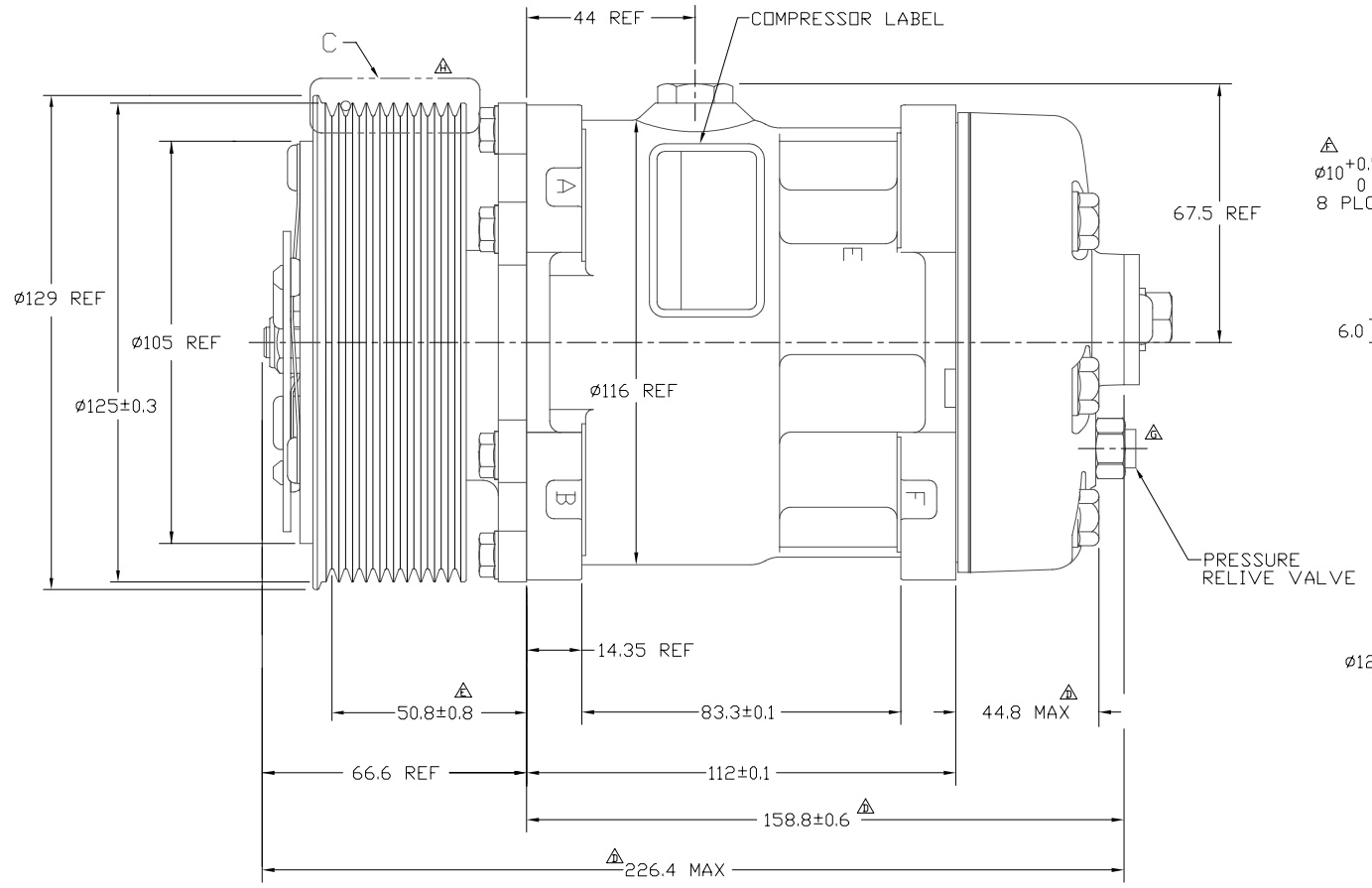
DETAIL C ⚠

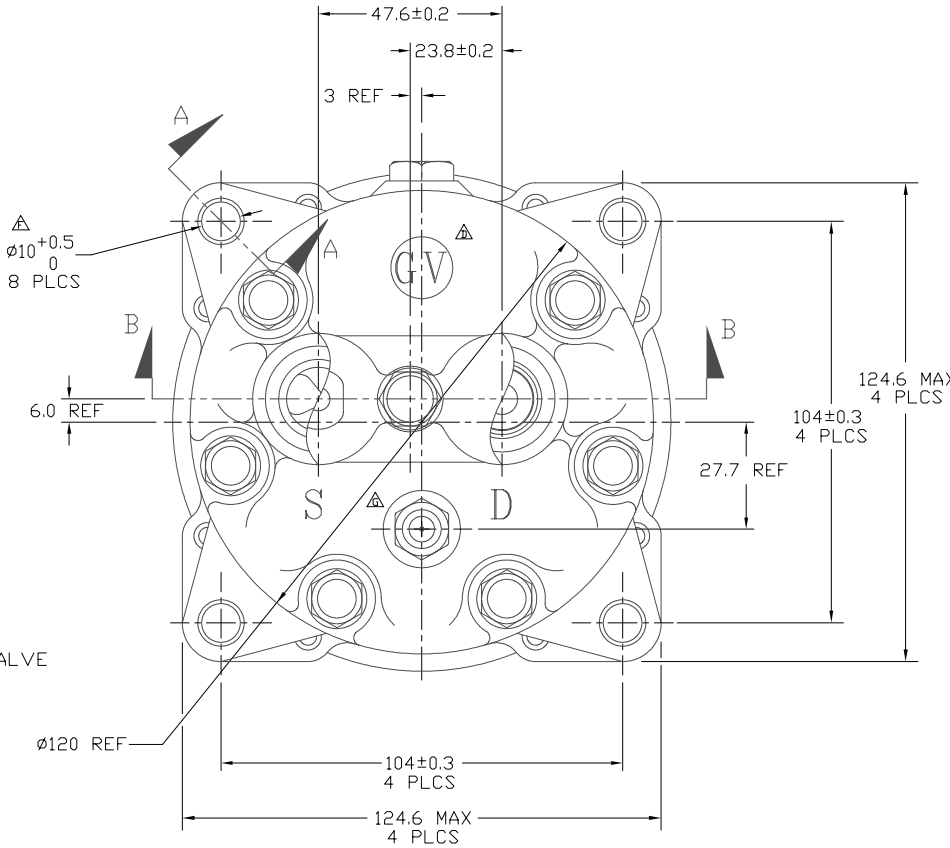
SCALE: 3:1



AMP 60793-1

ASSEMBLED COMPRESSORS TO HAVE CONNECTORS ENGAGED (4860-0400)





NOTE:

1. N_2 HOLDING CHARGE DELETED.

COMPRESSOR SPECIFICATIONS (REF)

DISPLACEMENT PER REVOLUTION	154.9 cc / rev. (9.5 cu. in. / rev.)
MAXIMUM ALLOWABLE R.P.M.	7000 R.P.M.
MAXIMUM ALLOWABLE CONTINUOUS R.P.M.	6000 R.P.M.
REFRIGERANT	R134a
⚠ OIL (SP-15)	200 cc (6.76 fl.oz.)
WEIGHT	TBD

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	PV 10
MAXIMUM ALLOWABLE BELT TENSION	150 kgf
PULLEY DIAMETER	ø125 mm (4.92 in.)
CLUTCH TYPE	HEAVY DUTY

REV. LEVEL	RELEASED FOR:	
A	ENGG. DEVELOPMENT	
	DSGN	M. Harrington
	DWN	DK Clark
	CHK	Dennis Lee 04/12/01
	APPV.	D. Seals
	APPV. DATE	04/20/01
REV. LEVEL	RELEASED FOR:	
A	DESIGN VALIDATION	
	DSGN	M. Harrington
	APPV.	D. Seals
	APPV. DATE	04/20/01
REV. LEVEL	RELEASED FOR:	
A	PRODUCTION VAL'D.	
	DSGN	M. Harrington
	APPV.	D. Seals
	APPV. DATE	04/20/01
REV. LEVEL	RELEASED FOR:	
E	PRODUCTION	
	DSGN	Mark Harrington
	APPV.	John Calhoun 10/17/02
	APPV. DATE	10-17-02

SANDEN

SANDEN INTERNATIONAL (U.S.A.), INC.

DRAWN SCALE REF 1:1 | PLOTTED SCALE REF 1:1 | METRIC

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

THIRD ANGLE PROJECTION | SIZE D

MATERIAL:

NAME: COMPRESSOR

DWG. NO. 4872-6000 | REV H

DO NOT SCALE