



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)	300 cc (10.1 fl.oz.)

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	PV8 TYPE
MAXIMUM ALLOWABLE BELT TENSION	120 Kgf
PULLEY DIAMETER	$\phi 119$ mm (4.69 in.)
CLUTCH TYPE	HEAVY DUTY

NOTE:
1. DIMENSIONS ARE TO VIRTUAL SHARP CORNERS UNLESS OTHERWISE SPECIFIED.

DO NOT SCALE

REV. LEVEL	RELEASED FOR ENGG DEVELOPMENT	 SANDEN INTERNATIONAL (U.S.A.), INC.	DRAWN SCALE REF 1:1 PLOTTED SCALE REF 1:1 METRIC
A	DSGN: M. Ballhagan APPV: Ed Arruda DATE: 5/8/07		
REV. LEVEL	RELEASED FOR DESIGN VALIDATION	INTERPRETATION OF THIS DRAWING PER ASME Y14.5M-1994	THIRD ANGLE PROJECTION
A	DSGN: M. Ballhagan APPV: Ed Arruda DATE: 5/8/07		
REV. LEVEL	RELEASED FOR PRODUCTION VAL'D.	MATERIAL:	SIZE D
A	DSGN: M. Ballhagan APPV: Ed Arruda DATE: 5/8/07		
REV. LEVEL	RELEASED FOR PRODUCTION	NAME:	COMPRESSOR
A	DSGN: M. Ballhagan APPV: Ed Arruda DATE: 5/8/07		
		DWG. NO.	4042-6000
		REV.	A