



PRCH	REV.	APPV DATE	REVISIONS	DWN	ESGN	CHK	APPV
			INITIAL RELEASE				
200388		6/25/03	REVISED TERMINAL, CONNECTOR, END SEAL, INSULATOR, WEDGE, RETAINER SEAL, AND SEAL PLUG PART NUMBERS	JS	JW	HF	NB

DISPLACEMENT PER REVOLUTION	85.7 cc/rev (5.2 in ³ /rev)
MAXIMUM ALLOWABLE INSTANTANEOUS R.P.M.	12000 R.P.M.
REFRIGERANT	R134a
OIL (SP-15)	150cc (5 fl. oz.)
WEIGHT	36.5N (8.19lbf, 3.72kgf)

RATED VOLTAGE	12V DC
CURRENT DRAW	4.37 AMPS MAX @14V
BREAKAWAY TORQUE	Min 31.4 N m (23.1 ft lbf, 3.2 kgf m) AT 12V
MINIMUM ENGAGEMENT VOLTAGE	7.5V @ AIR GAP 0.5mm REF
POWER CONSUMPTION	50 WATTS MAX
BELT TYPE	PV6 GROOVE TYPE
MAXIMUM ALLOWABLE BELT TENSION	883 N (198 lbf, 90 kgf)
PULLEY DIAMETER	DIAMETER OVER BALL Ø101.47mm (Ø3.94 in)
WEIGHT	19.0N (4.28lbf, 1.94 kgf)
CLUTCH TYPE	STANDARD AUTOMOTIVE CLUTCH

RPM	ALLOWABLE CYCLING RATE
TD 9000	4/MIN. MAX
9000-11000	2/MIN. MAX
OVER 11000	DO NOT RE-ENGAGE CLUTCH IF DISENGAGED.

TYPE	BIMETAL
CUT OFF TEMPERATURE	125°±3°C (257°±5°F)
CUT IN TEMPERATURE	110°±6°C (230°±10°F)

OPENING PRESSURE	379.5±34.5 N/m ² (55±50 PSI, 38.7±3.5 kgf/m ²)
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NOTES:
 1. COMPRESSOR/CLUTCH MUST CONFORM TO THE REQUIREMENTS OF SANDEN STANDARDS SES-316 AND SIA-E3-2002 REV. B.
 2. VOLUMETRIC EFFICIENCY, CAPACITY AND HORSEPOWER TO BE TESTED PER SANDEN ENGINEERING STANDARD SES-CC-316 (04/01/93).

REV. LEVEL	RELEASED FOR PRODUCTION	<p>SANDEN SANDEN INTERNATIONAL U.S.A., INC.</p> <p>SCALE REF 1:1 PLATED METRIC</p> <p>This drawing and the information contained hereon are CONFIDENTIAL and PROPRIETARY to Sanden International U.S.A., Inc. and shall not be used, copied or disclosed to others without the written permission of Sanden International U.S.A., Inc.</p> <p>INTERPRETATION OF THIS DRAWING PER ASME Y14.5M-1994</p> <p>THIRD ANGLE PROJECTION</p> <p>MATERIAL:</p> <p>NAME: COMPRESSOR</p> <p>SVG. NO. 4975-AFT-6000</p> <p>REV. B</p>
A	APPV: 4/9/03 DWN: J Solodogski ESGN: J Harrington	
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DO NOT SCALE