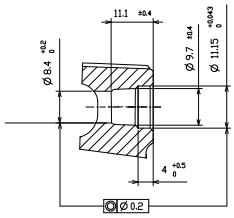
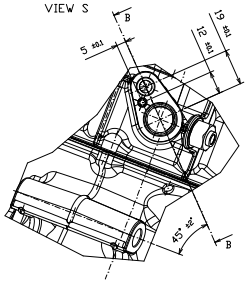
PSCN	REV.	APPV DATE	REVISIONS	DWN	DSGN	CHK	APPV
			SEE SHEET 1 OF 2				

SECTION C-C
SCALE 2:1
(2 Places)



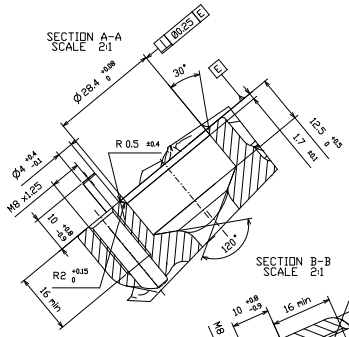
VIEW S



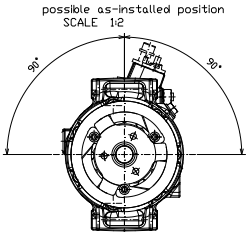
COMPRESSOR SPECIFICATION

Shaft nut tightening procedure (angle-of-rotation control)	Initial torque 7,8Nm + re-torque angle of rotation (30±1)°
Inertia moment	Stroke (maximum) 3537 kgxmm^2 Stroke (minimum) 3518 kgxmm^2
Pulley stress (maximum)	See VDA list of specifications
Hole	Ø31.6mm
Stroke (maximum)	29.7mm
Stroke (minimum)	0.3 mm
Number of cylinder	7
Displacement	163.0cm^3
Displacement (minimum)	1.6cm^3
permissible number of revolutions	See VDA list of specifications
Oil quantity	110±10 cm^3
Blow off pressure (over-pressure)	40±4 bar
Closing pressure (over-pressure)	See VDA list of specifications
Direction of rotation	Clockwise rotation
Pulley Overload protection	(-12° to +120°)X90 - 60 Nm,
Pressure relief valve with blow-off recognition	EN 12164-CuZn36Pb3-M
Oil drain plug	**
Housing screws	**
Pulley	**

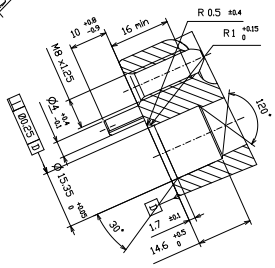
SECTION A-A
SCALE 2:1



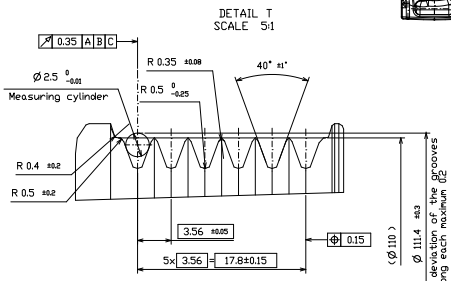
possible as-installed position
SCALE 1:2



SECTION B-B
SCALE 2:1



DETAIL T
SCALE 5:1



REV. LEVEL	RELEASED FOR ENGINEERING	APPV DATE
A	DRAWN Thuy Pham DSGN Thuy Pham CHK Srivey Chinn	
	APPV Rene Martinez	7/21/08
REV. LEVEL	RELEASED FOR DESIGN VALIDATION	APPV DATE
A	DRAWN Thuy Pham	
	APPV Rene Martinez	7/21/08
REV. LEVEL	RELEASED FOR PRODUCTION VAL'N	APPV DATE
A	DRAWN Thuy Pham	
	APPV Rene Martinez	7/21/08
REV. LEVEL	RELEASED FOR PRODUCTION	APPV DATE
A	DRAWN Thuy Pham	
	APPV Rene Martinez	7/21/08

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SANDEN INTERNATIONAL (USA), INC.
DRAWN SCALE REF NONE | APPROVED SCALE REF NONE | METRIC

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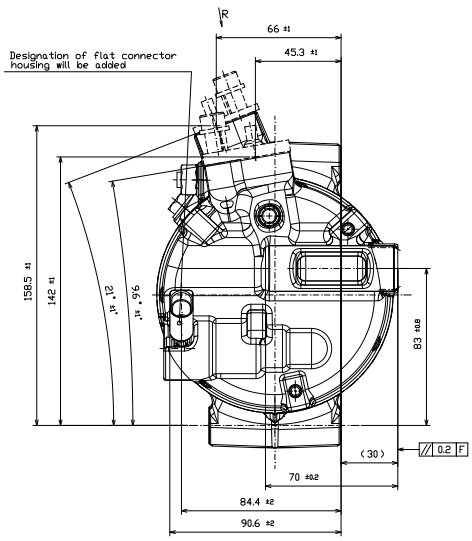
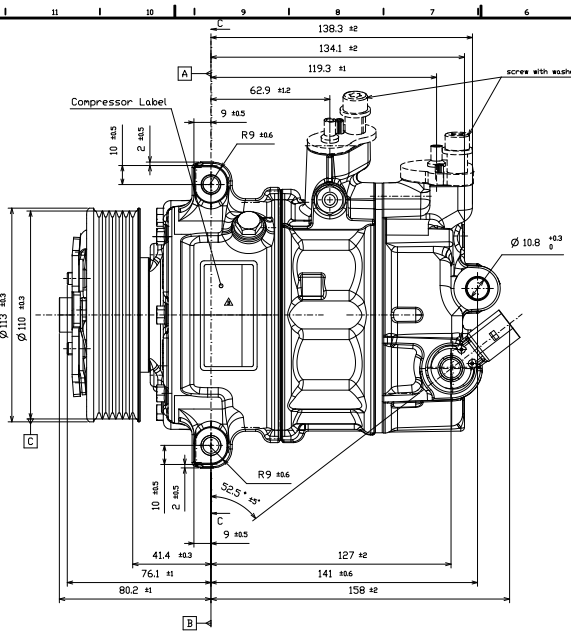
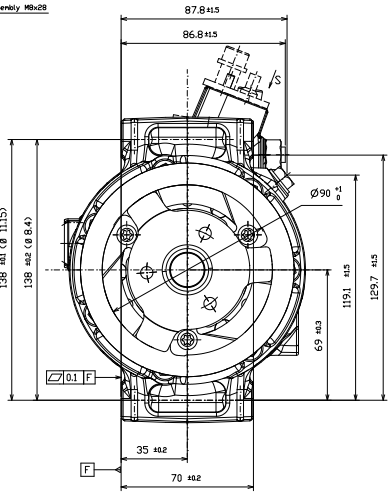
INTERPRETATION OF THIS DRAWING PER ASME Y14.5M-1994
THIRD ANGLE PROJECTION
SIZE D
MATERIAL: -
NAME: COMPRESSOR
DWG. NO. 4573-6000 | SHT 2/2 | REV B

DO NOT SCALE

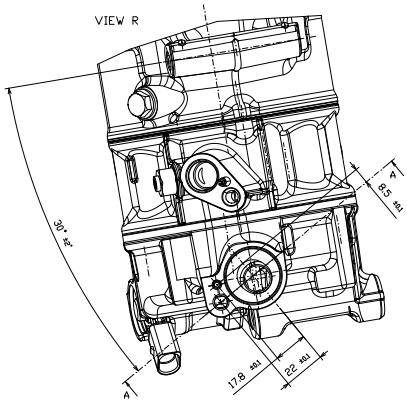
PSCN	REV.	APPV DATE	REVISIONS	DWN	DSGN	CHK	APPV
	A		INITIAL ISSUE REF. #3712				
8907	B	1/5/15	ADDED LABEL LOCATION REMOVED SHAFT AND SPLINE SPECIFICATIONS	JS	JS	KP	HF

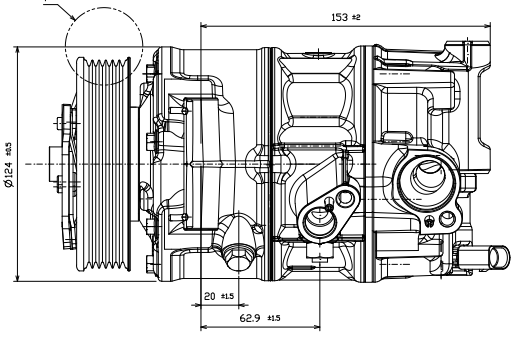






VIEW R





REV. LEVEL	RELEASED FOR ENGINEERING	APPV DATE
A	DRAWN Thuy Pham DSGN Thuy Pham CHK Srivey Chinn	
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REV. LEVEL	RELEASED FOR DESIGN VALIDATION	APPV DATE
A	DRAWN Thuy Pham	
	APPV Rene Martinez	7/21/08
REV. LEVEL	RELEASED FOR PRODUCTION VAL'N	APPV DATE
A	DRAWN Thuy Pham	
	APPV Rene Martinez	7/21/08
REV. LEVEL	RELEASED FOR PRODUCTION	APPV DATE
A	DRAWN Thuy Pham	
	APPV Rene Martinez	7/21/08

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SANDEN INTERNATIONAL (USA), INC.
DRAWN SCALE REF NONE | APPROVED 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. 4573-6000 | SHT 1/2 | REV B

DO NOT SCALE