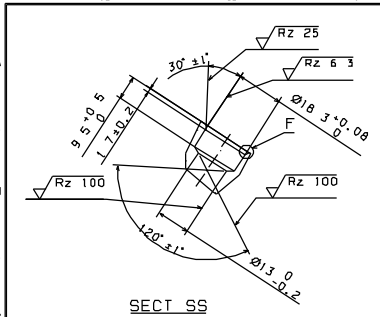
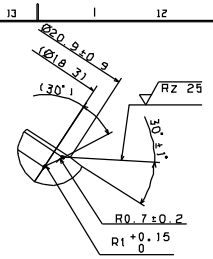
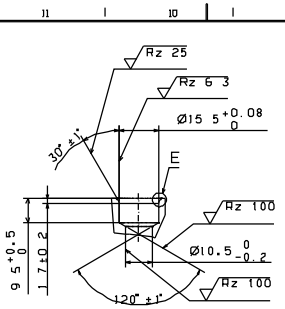


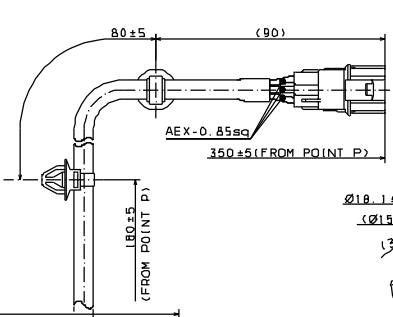
SECT SS



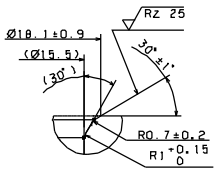
DETAIL F (5:1)



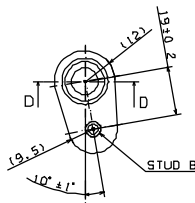
SECT DD

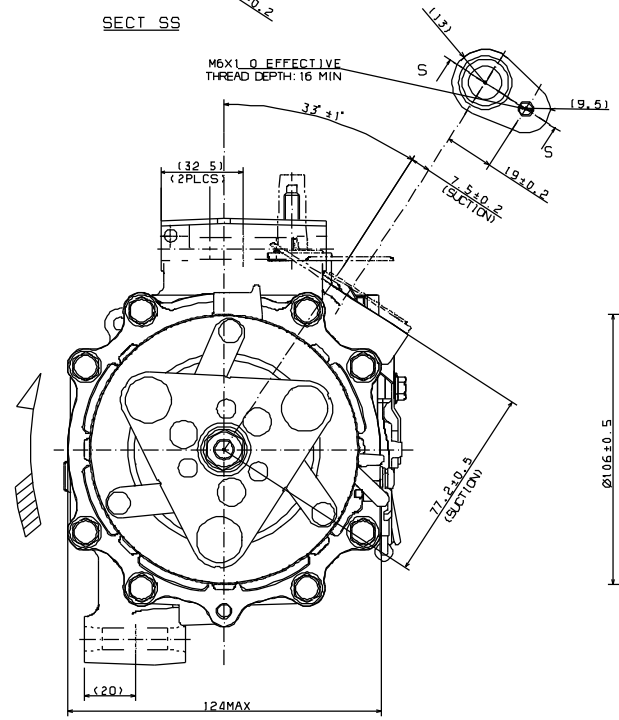


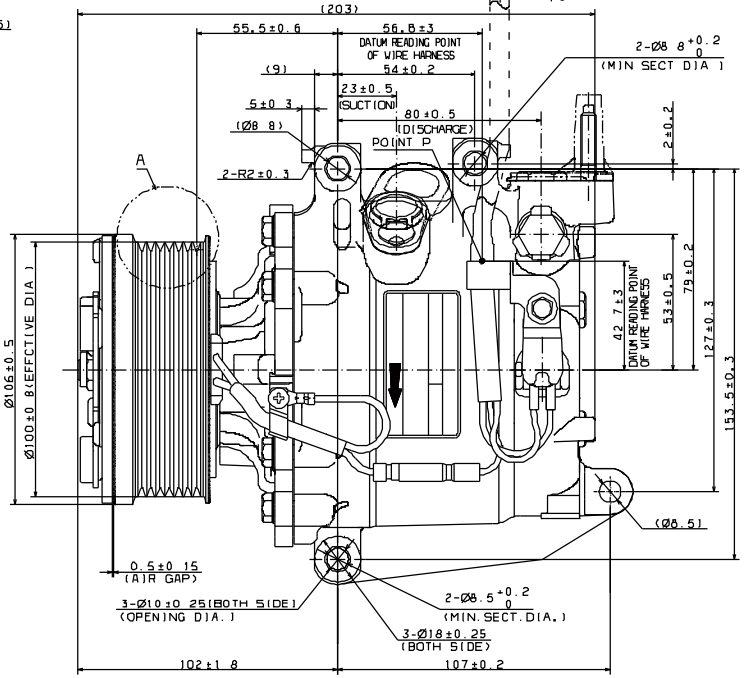
① THERMAL PROTECTOR S/W
③ THERMAL PROTECTOR S/W
CLUTCH ②

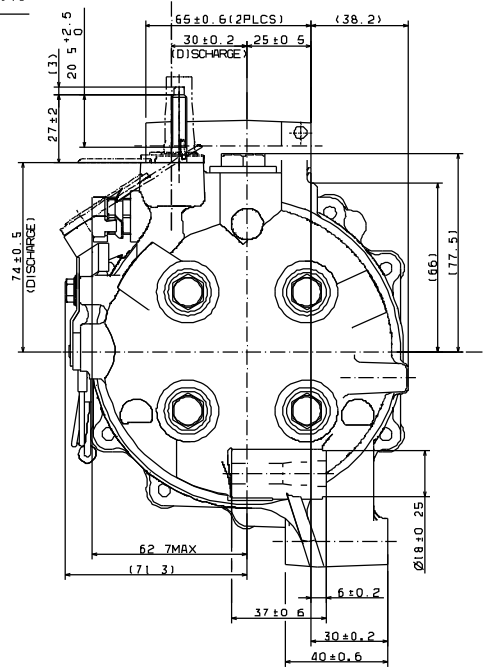


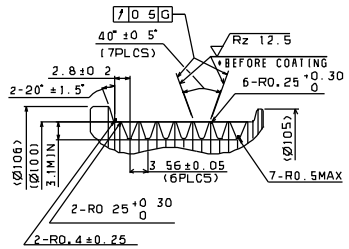
DETAIL E (5:1)



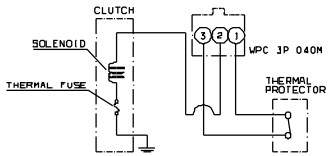








DETAIL A (2:1)



CIRCUIT DIAGRAM

COMPRESSOR SPECIFICATIONS

Displacement/Rev	77.1 cm³/rev (with Oil Separator)
Refrigerating Capacity	2.64kW (2270kcal/hr) MIN (at 1500rpm)
Oil	SP-10
Oil Charge	75 +10 -0 cm³
Refrigerant	HFC134a
Rotation (Clutch Side View)	Clock Wise
Mass	3.940 kg (Include Oil Weight)

CLUTCH SPECIFICATIONS

Rated Voltage	DC 12V
Breakaway Torque	24.6 N·m(2.6kgf·m) MIN
Power Consumption	42 W Max.
Thermal fuse Operating Temperature	188 +7 -12°C
Coil Resistance	3.3 ± 0.15Ω AT 20°C
Mass	1.900 Kg

THERMAL PROTECTOR SPECIFICATIONS

Temp. Sensor Type	Bimetal
Contact Type	Au cross-bar
Rated Voltage	DC 5V
Rated Current	2.3mA
Cut Off Temperature	125°C±3°C
Cut In Temperature	110°C±6°C

PGEN	REV	APPV DATE	REVISIONS	DWN	DSGN	CHK	APPV
	A		INITIAL RELEASE.				

REV. LEVEL	RELEASED FOR: DATE: DEVELOPMENT	
A	DSGN	Sney Chhin
	DWN	J Sokolowski
	CHK	Alfredo Arrendondo
	APPV	Rene Martinez
	APPV DATE	4/1/99
REV. LEVEL	RELEASED FOR: DESIGN VALIDATION	
A	DSGN	Sney Chhin
	APPV	Rene Martinez
	APPV DATE	4/1/99
REV. LEVEL	RELEASED FOR: PRODUCTION VAL'S.	
A	DSGN	Sney Chhin
	APPV	Rene Martinez
	APPV DATE	4/1/99
REV. LEVEL	RELEASED FOR: PRODUCTION	
A	DSGN	J Sokolowski
	APPV	Hosein Forsh
	APPV DATE	6/23/99

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

DRAWN SCALE REF: NONE | 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.: 4918-6000

REV: A