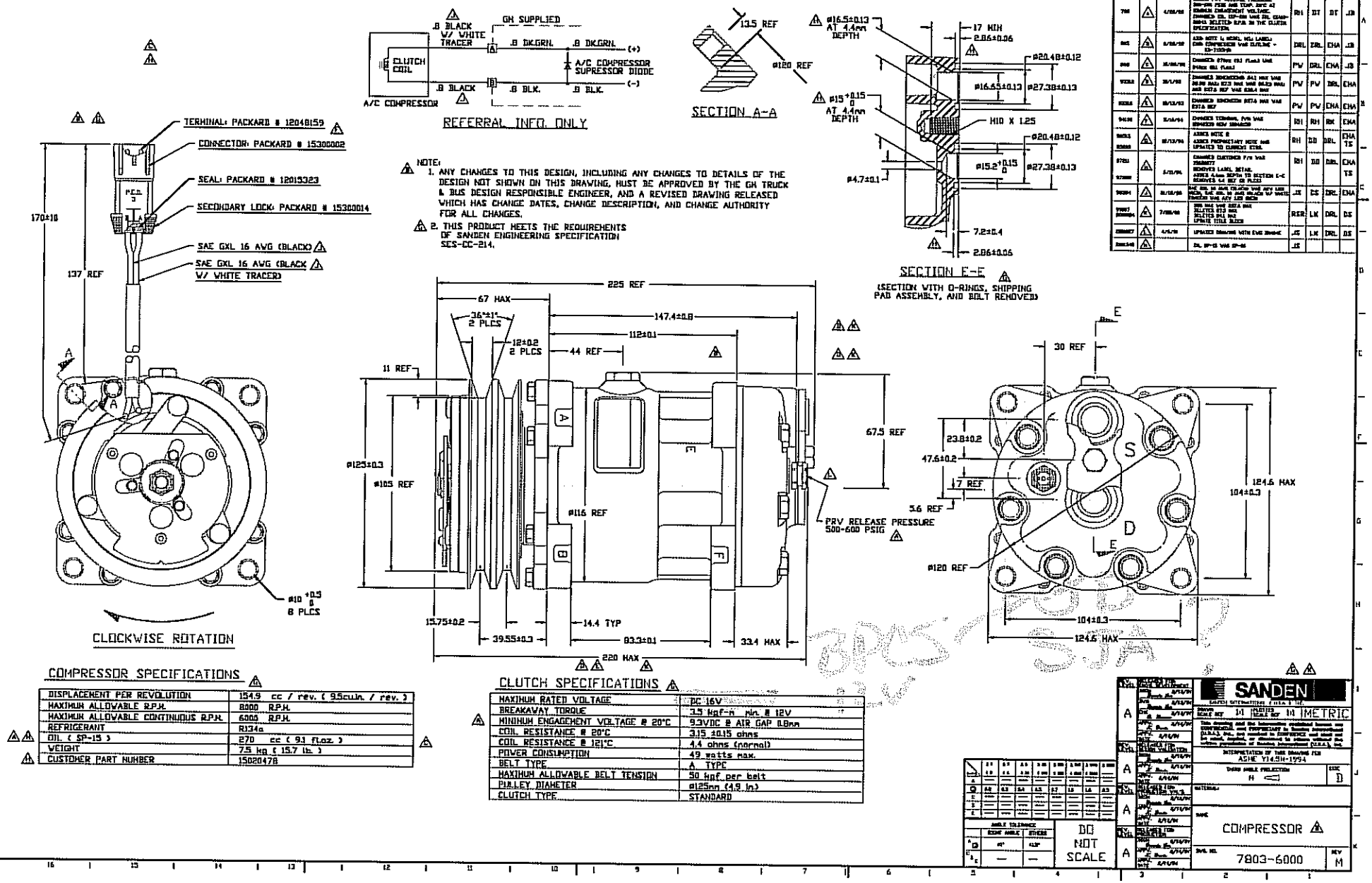

NOTE:
1. ANY CHANGES TO THIS DESIGN, INCLUDING ANY CHANGES TO DETAILS OF THE DESIGN NOT SHOWN ON THIS DRAWING, MUST BE APPROVED BY THE GM TRUCK & BUS DESIGN RESPONSIBLE ENGINEER, AND A REVISED DRAWING RELEASED WHICH HAS CHANGE DATES, CHANGE DESCRIPTION, AND CHANGE AUTHORITY FOR ALL CHANGES.
2. THIS PRODUCT MEETS THE REQUIREMENTS OF SANDEN ENGINEERING SPECIFICATION SES-CC-214.

COMPRESSOR SPECIFICATIONS

DISPLACEMENT PER REVOLUTION	154.9 cc / rev. (9.5cuin. / 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)	270 cc (9.1 fl.oz.)
WEIGHT	7.5 kg (15.7 lb.)
CUSTOMER PART NUMBER	15020478

CLUTCH SPECIFICATIONS

MAXIMUM RATED VOLTAGE	DC 16V
BREAKAWAY TORQUE	3.5 kgf-m min. @ 12V
MINIMUM ENGAGEMENT VOLTAGE @ 20°C	9.3VDC @ AIR GAP 0.8mm
COIL RESISTANCE @ 20°C	3.15 ±0.15 ohms
COIL RESISTANCE @ 121°C	4.4 ohms (normal)
POWER CONSUMPTION	49 watts max.
BELT TYPE	A TYPE
MAXIMUM ALLOWABLE BELT TENSION	50 kgf per belt
PULLEY DIAMETER	ø125mm (4.9 in)
CLUTCH TYPE	STANDARD

PROJ. NO.	REV.	DATE	REVISIONS	DRN	DSN	CHK	APP'V
798	A	4/05/98	ADDED PRV RELEASE PRESSURE 500-600 PSIG AND TEMP. 20°C AT MINIMUM ENGAGEMENT VOLTAGE. CHANGED COIL SPECIFICATION. CHANGED BELT TYPE. DELETED B.P.D. ON THE CLUTCH SPECIFICATION.	RH	DT	DT	JB
845	A	5/26/98	ADD NOTE 4, MODEL NO. LABEL: CHANGE COMPRESSOR WAS 15015.3AC - TO 7803-6000	DRL	DRL	CHA	JB
849	A	10/08/98	CHANGED ø79±0.03 TO ø79±0.1 MAX.	PV	DRL	CHA	JB
9232	A	10/1/98	CHANGED DIMENSION 84.1 MAX WAS 84.09 MAX, 87.3 MAX WAS 86.83 MAX, AND 87.3 REF WAS 86.84 MAX	PV	PV	DRL	CHA
9255	A	10/13/98	CHANGED DIMENSION 87.3 MAX WAS 87.3 REF	PV	PV	CHA	CHA
9438	A	11/19/98	CHANGED TERMINAL P/N WAS 12048159 NOW 12048159	RH	RH	RK	CHA
9453 9585	A	12/13/98	ADDED NOTE 8 ADDED PROPRIETARY NOTE AND UPDATED TO CURRENT ISSUE.	RH	DB	DRL	CHA TS
9721 9788	A	2/11/99	CHANGED CUSTOMER P/N WAS 15020477 REMOVED LABEL DETAIL ADDED 4.4mm DEPTH TO SECTION E-E REMOVED 1.4 REF ON PLCS3	RH	DB	DRL	CHA TS
9838	A	3/15/99	SAE GXL 16 AWG (BLACK) AND SAE GXL 16 AWG (BLACK W/ WHITE TRACER) WAS ANY LEN MIN	JS	DS	DRL	CHA
9987 10008	A	7/08/99	ADD MAX WAS 83.3±0.1 DELETED 87.3 MAX DELETED 84.1 MAX UPDATE TITLE BLOCK	RSR	LK	DRL	DS
10067	A	4/5/00	UPDATED DRAWING WITH EVO 20mmC	JS	LK	DRL	DS
10134B	A		ADD 8P-15 WAS SP-08	JS			

DO NOT SCALE

SANDEN

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

THIRD ANGLE PROJECTION

SIZE: D

MATERIAL:

NAME: COMPRESSOR

DWG. NO. 7803-6000

REV M