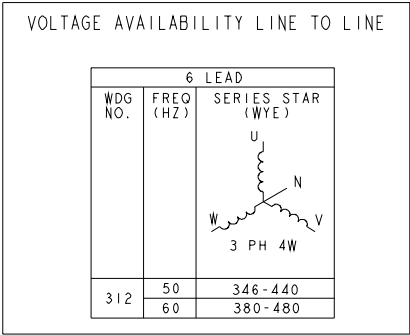
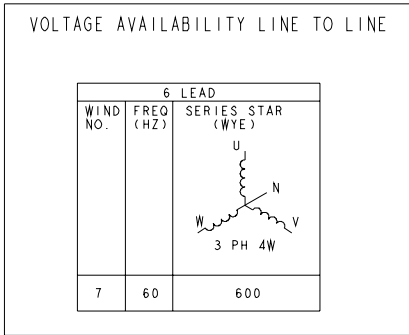


REL NO	LTR	NO	REVISION	ZONE	DWN	CKD	APVD	DATE
FRD18643	A	1	PRODUCTION RELEASE	-	DC	EC	EC	11-12-03
FRD19452		1	UPDATED VIEWS	-	MTA	BH	HENNING	02-09-04
		2	REMOVED SHEET 3	-	MTA	BH	HENNING	02-09-04
FRD20022	C	1	ADD COLUMN TO TAB	-	SRB	YSJ	HLS	01-21-05
		2	ADD NOTE 8K	-	SRB	YSJ	HLS	01-21-05
		3	ADD NOTE 15	-	SRB	YSJ	HLS	01-21-05
		4	ADD SHEET 2	-	SRB	YSJ	HLS	01-21-05
		5	RELEASE DASH 37-48,55-66	-	SRB	YSJ	HLS	01-21-05
		6	SHEET 3 WAS 2	-	SRB	YSJ	HLS	01-21-05
FRD22626	D	1	NET WEIGHTS CHANGED SEE IN ECO	3D	NDM	YSJ	HLS	03-08-06
		2	ADD SHEET 4	-	NDM	YSJ	HLS	03-08-06
		3	SEE SHEET 3	-	NDM	YSJ	HLS	03-08-06
		4	SEE SHEET 3	-	NDM	YSJ	HLS	03-08-06
FRD31055	E	1	SEE ECO	-	MI	PL	P.LARSON	02-16-07

TABULATION								
PART NO.	CURRENT ER	CORE	RTD NOTE 10	THERMISTOR NOTE 11	HARD CARTRIDGE NOTE 15	WINDING	NET WEIGHT(kg)	REF ILLUSTRATION
0200_3128_01	FRD22626	P7B	NO	NO	NO	312	2760	SHEET 3
0200_3128_02	FRD22626	PTC	NO	NO	NO	312	3018	SHEET 3
0200_3128_03	FRD22626	P7D	NO	NO	NO	312	3318	SHEET 3
0200_3128_04	FRD22626	P7E	NO	NO	NO	312	3556	SHEET 3
0200_3128_05	FRD22626	P7F	NO	NO	NO	312	3840	SHEET 3
0200_3128_06	FRD22626	P7G	NO	NO	NO	312	4200	SHEET 3
0200_3128_07	FRD22626	P7B	YES	NO	NO	312	2760	SHEET 3
0200_3128_08	FRD22626	PTC	YES	NO	NO	312	3018	SHEET 3
0200_3128_09	FRD22626	P7D	YES	NO	NO	312	3318	SHEET 3
0200_3128_10	FRD22626	P7E	YES	NO	NO	312	3556	SHEET 3
0200_3128_11	FRD22626	P7F	YES	NO	NO	312	3840	SHEET 3
0200_3128_12	FRD22626	P7G	YES	NO	NO	312	4200	SHEET 3
0200_3128_13		P7B	NO	YES	NO	312	2760	SHEET 3
0200_3128_14		P7C	NO	YES	NO	312	3018	SHEET 3
0200_3128_15		P7D	NO	YES	NO	312	3318	SHEET 3
0200_3128_16		P7E	NO	YES	NO	312	3556	SHEET 3
0200_3128_17		P7F	NO	YES	NO	312	3840	SHEET 3
0200_3128_18		P7G	NO	YES	NO	312	4200	SHEET 3
0200_3128_19	FRD31055	P7B	NO	NO	NO	7	2760	SHEET 3
0200_3128_20	FRD31055	P7C	NO	NO	NO	7	3018	SHEET 3
0200_3128_21	FRD31055	P7D	NO	NO	NO	7	3318	SHEET 3
0200_3128_22	FRD31055	P7E	NO	NO	NO	7	3556	SHEET 3
0200_3128_23	FRD31055	P7F	NO	NO	NO	7	3840	SHEET 3
0200_3128_24	FRD31055	P7G	NO	NO	NO	7	4200	SHEET 3
0200_3128_25	FRD31055	P7B	YES	NO	NO	7	2760	SHEET 3
0200_3128_26	FRD31055	P7C	YES	NO	NO	7	3018	SHEET 3
0200_3128_27	FRD31055	P7D	YES	NO	NO	7	3318	SHEET 3
0200_3128_28	FRD31055	P7E	YES	NO	NO	7	3556	SHEET 3
0200_3128_29	FRD31055	P7F	YES	NO	NO	7	3840	SHEET 3
0200_3128_30	FRD31055	P7G	YES	NO	NO	7	4200	SHEET 3
0200_3128_31		P7B	NO	YES	NO	7	2760	SHEET 3
0200_3128_32		P7C	NO	YES	NO	7	3018	SHEET 3
0200_3128_33		P7D	NO	YES	NO	7	3318	SHEET 3
0200_3128_34		P7E	NO	YES	NO	7	3556	SHEET 3
0200_3128_35		P7F	NO	YES	NO	7	3840	SHEET 3
0200_3128_36		P7G	NO	YES	NO	7	4200	SHEET 3

NOTES:

- MAIN STATOR OUTPUT LEADS DUAL LABELED TO BOTH IEC AND NEMA STANDARDS.
- WIRING HARNESS TO BE CONNECTED TO U.V.W.N. GENERATOR OUTPUT TERMINALS.
- FLANGE ADAPTER (SAE #0) PER SAE J617C.
- DISC COUPLING (SAE #18) PER SAE J620d. EXCEPT W/ 12 HOLES.
- PHASE SEQUENCE U.V.W. WHEN ROTATING CLOCKWISE VIEWED AT THE DRIVE END.
- PAINT MS10018, GREEN.
- GENERATOR TO BE MARKED TO INDICATE SERIAL NUMBER, MACHINE ID, FRAME/CORE, AND WINDING NUMBER.
- INCLUDED COMPONENTS:
A) STATOR ASSY
B) ROTOR ASSY
C) NON-DRIVE END ADAPTER (ENDBELL)
D) ROUND DRIVE END ADAPTER
E) OUTLET SCREEN, COVER AND COTTER PINS
F) INLET COVER & COTTER PINS
G) BUSS BAR HATRACK
H) THERMISTORS (AS TABULATED)
I) RTD'S (AS TABULATED)
J) CT MOUNTING (NO CT'S)
K) HARD CARTRIDGE - (AS TABULATED)
- ALTERNATOR'S INSULATION SYSTEM SHALL MEET UL1446. A UL1446 COMPLIANCE LABEL SHALL BE ATTCHED AT THE POINT OF MANUFACTURE. THE UL1446 COMPLIANCE LABEL SHALL CONTAIN THE FOLLOWING INFORMATION:
NEWAGE INTERNATIONAL, LTD
UL FILE: OBJ2.E195471
DESIGNATION: H: UL1446
FACTORY ID CODE: BARNACK ROAD
- (2) 100 ohm RTD'S IN STATOR WITH TERMINAL BLOCK
- (1) 140°C AND (1) 160°C THERMISTOR PER PHASE WITH TERMINAL BLOCK.
- TERMINALS WILL ACCOMODATE STANDARD NEMA AND IEC 2-HOLE LUGS.
- TERMINALS WILL ACCOMODATE UP TO 10 750 MCM LUGS.
- MUST BE CSA APPROVED AND MARKED ACCORDINGLY.
- (3) 15. REAR BEARING W/HARDENED CARTRIDGE.



-THIS IS A CONTROLLED PRODUCT-
PER ONAN PROCEDURE PRE-1002

TO MAINTAIN COMPLIANCE WITH REQUIREMENTS OF THE CODES, STANDARDS, OR AGENCIES LISTED BELOW

☒ CSA ☒ IEC ☐ IEC ☐ RVIA ☐ ASME

☐ OTHER _____ ☐ OTHER _____

AND/OR ASSIGN INTERNAL ONAN DESIGN CONTROL FACILITIES ☐

CHANGES, DEVIATIONS, OR SUBSTITUTIONS OF MATERIAL, PROCESS, OR PERFORMANCE FOR THIS PRODUCT MUST BE APPROVED BY THE FOLLOWING DESIGN CONTROL FACILITIES

DESIGN CONTROL FACILITY: FRIDLEY

DESIGN CONTROL FACILITY: _____

QTY		ITEM	PART NO	DESCRIPTION OR MATERIAL
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS				
SIM TO		DWN D_CRANE		
DO NOT SCALE PRINT		CKD E_CZECZOWSKI		
APVD E_CZECZOWSKI		DATE 11-12-03		
SITE CODE		PGF		
ANG TOL: ± 0.5°		SCALE: 1/1		
FOR INTERPRETATION OF DIMENSIONS AND TOLERANCES, SEE ASME Y14.5M-1994		FIRST USED ON DFLB,LC,LE		
PROPERTY OF CUMMINS POWER GENERATION GROUP		SHEET 1 OF 4		
CONFIDENTIAL		REV E		



CUMMINS POWER GENERATION
1400 73RD AVENUE NE, MINNEAPOLIS, MN 55432

GENERATOR_ASSY.

0200_3128

Pro/ENGINEER