



TYPE OF LOADING	LOADING POINT (LOAD IN KN)					
	M	N	P	Q	R	S
STATIC LOAD	180			34.3	34.3	19.6
DURING SUDDAN SHORT-CIRCUIT (CYCLIC LOAD)	120					
DURING ERECTION		350	260			

TECHNICAL DATA:


RATING	750	MVA
VOLTAGE	11.0	±0.5 KV
CURRENT	3886	AMP
P.F.	0.8	
OPERATING SPEED	3000	RPM
ROTOR MASS MOMENT OF INERTIA	2545	Kg m ²
CRITICAL SPEED	~ 1738	RPM
QTY. OF LUBRICATING OIL, BEARING T.S. $\phi 300 \times 270$ Lg	90	LIT./MIN.
QTY. OF LUBRICATING OIL, BEARING E.S. $\phi 300 \times 270$ Lg	90	LIT./MIN.
PRESSURE OF LUBRICATING OIL	0.8	+ 1.0 Bar
QTY. OF JACKING OIL PER BEARING.	3	LIT./MIN. AT 70 Bar
QTY. OF COOLING WATER	300	m ³ /A
RESISTANCE OF WATER	~ 3.5	M Ω
RESISTANCE OF AIR	~ 60	700 M Ω
TEST PRESSURE OF COOLER	13	Bar
AIR REQUIREMENT OF GENERATOR	30	m ³ /SEC.
AIR VOLUME OF GENERATOR	35	m ³

WEIGHTS

WEIGHT OF STATOR INCLUDING END SHIELDS	114 M TO m.
MAX. CRANE LOAD (STATOR ONLY)	91.2 M TO m.
WEIGHT OF ROTOR	26 M TO m.



FLANGE NO	CONNECTION DESCRIPTION	FLANGE SIZE
10	BEARING OIL INLET - T. S.	NDS 5 N D 16
10	BEARING OIL INLET - T.S.	NDS 5 N D 16
20	BEARING OIL OUTLET - T.S.	NDS10, N D 16
20	BEARING OIL OUT LET - S	NDS 100, N D 16
30	NIP SWART LIFTING - T.S.	NDS 100, N D 16
30	NIP SWART LIFTING - T.S.	NDS 100, N D 16
40	OIL VAPOUR EXHAUST - T.S.	NDS 5 N D 16
40	OIL VAPOUR EXHAUST - T.S.	NDS 5 N D 16
50	LIQUID LEVEL DETECTOR - COOLER - A	NDS 5, N D 16
50	LIQUID LEVEL DETECTOR - COOLER - A	NDS 5, N D 16
52	LIQUID LEVEL DETECTOR - COOLER - B	NDS 5, N D 16
52	LIQUID LEVEL DETECTOR - COOLER - B	NDS 5, N D 16
54	LIQUID LEVEL DETECTOR - COOLER - D	NDS 5, N D 16
54	LIQUID LEVEL DETECTOR - COOLER - D	NDS 5, N D 16
60	COOLING WATER INLET - COOLER - A	2" ANSI 150 LB
60	COOLING WATER INLET - COOLER - A	2" ANSI 150 LB
62	COOLING WATER INLET - COOLER - B	2" ANSI 150 LB
62	COOLING WATER INLET - COOLER - B	2" ANSI 150 LB
64	COOLING WATER INLET - COOLER - D	2" ANSI 150 LB
64	COOLING WATER INLET - COOLER - D	2" ANSI 150 LB
70	COOLING WATER OUTLET - COOLER - A	2" ANSI 150 LB
70	COOLING WATER OUTLET - COOLER - A	2" ANSI 150 LB
72	COOLING WATER OUTLET - COOLER - B	2" ANSI 150 LB
72	COOLING WATER OUTLET - COOLER - B	2" ANSI 150 LB
74	COOLING WATER OUTLET - COOLER - D	2" ANSI 150 LB
74	COOLING WATER OUTLET - COOLER - D	2" ANSI 150 LB
80	COOLER VENTILATION - COOLER - A	NDS 1.5
80	COOLER VENTILATION - COOLER - A	NDS 1.5
82	COOLER VENTILATION - COOLER - B	NDS 1.5
82	COOLER VENTILATION - COOLER - B	NDS 1.5
84	COOLER VENTILATION - COOLER - D	NDS 1.5
84	COOLER VENTILATION - COOLER - D	NDS 1.5
85	DRAIN COOLER - A	M20 x 1.5
85	DRAIN COOLER - A	M20 x 1.5
85	DRAIN COOLER - B	M20 x 1.5
85	DRAIN COOLER - B	M20 x 1.5
85	DRAIN COOLER - D	M20 x 1.5
85	DRAIN COOLER - D	M20 x 1.5

										JOB NO.										DELIMARA POWER STATION									
										STATUS -										2 x 60 MW (PHASE-I)									
																				CONSULTANT - BRITISH ELECTRICITY INTERNATIONAL, U.K.									
																				 BHARAT HEAVY ELECTRICALS LTD.									
																				INDIA									
																				DEPT. <input type="checkbox"/> CIVIL <input type="checkbox"/> MECH. <input type="checkbox"/> ELEC. <input type="checkbox"/> INSTR. <input type="checkbox"/> CIVIL									
																				L23 <input type="checkbox"/> MECH. <input type="checkbox"/> ELEC. <input type="checkbox"/> INSTR. <input type="checkbox"/> CIVIL									
																				1. SUPERVISOR 2. IN-CHARGE 3. J.R.									
																				4. ASST. IN-CHARGE 5. IN-CHARGE 6. IN-CHARGE									
REV	DATE	ALTD	CHD	APRD	REV	DATE	ALTD	CHD	APRD																				
ZONE C										ZONE										SYSTEM -									
FRANGE SCHEDULE										ITEMS EMBED										TURBOGENERATOR									
INCLOSURE										IN CONCRETE AGAINST										LAYOUT OF TURBOGENERATOR									
TITLE BOOK REVISED.										EARTHQUAKE "NOT IN										SCALE									
8. September 1979										B.U.E.L SCOPE" REMOVED										DRAWING IDENT									
10-1-80																				DMC-TE 22001 C02									
																				SHEET OF REV. 01									