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THE FOLLOWING HYUNDAINEW ALTERNATORS ARE AVAILABLE FOR SALE WITH US WITH IMMEDIATE DELIVERY:

7 Nos. – 8700 kW Hyundai make, New Generator Ends/ Alternators per the following technical specifications:

SPECIFICATION OF GENERATOR

USE	DIESEL ENGINE GENERATOR		QUANTITY	7 SET	
TYPE OF ENCLOSURE	IP23		APPLIED CLASS	-	
COOLING SYSTEM	AIR TO AIR		AMBIENT TEMP.	45 °C	
EXCITING SYSTEM	SELF EXCITING BRUSHLESS		INSULATION CLASS	F	
STRUCTURE OF ROTOR	SALIENT POLE ROTOR		TEMPERATURE RISE	F	
COUPLING METHOD	FLEXIBLE		APPLIED UNIT	METRIC	
SPECIFICATION			BEARING		
			TYPE OF BEARING	SLEEVE BEARING	
OUTPUT CAPACITY	10912.5 KVA		LOCATION	DRIVED END	NON-DRIVED END
RATING	CONTINUOUS		SIZE	PH280 X L250	PH280 X L213.2
PHASES, WIRE, CONN	3 Φ , 4 W, Y (DAMPER WINDING)		OIL QUANTITY	34 Liter	34 Liter
VOLTAGE	AC 11000 V		LUB SYSTEM	SELF	SELF
CURRENT	572.8 A		OIL GRADE	ISO VG 32	
FREQUENCY	50 Hz		INLET PRESSURE	N/A	
POLES	8 P		INLET TEMP.	N/A	
SPEED	750 RPM		AIR DATA		
POWER FACTOR	0.8 LAGGING		COOLING AIR VOLUME	8.34 m ³ /sec	
GD ² / J	9240.0 Kg.m ² / 2310 Kg.m ²		PRESSURE DROP	5.9 mmAq.	
ROTOR WEIGHT	12,605 Kg				
TOTAL WEIGHT	32.0 ton				
CHARACTERISTICS					
OVER CURRENT	150 % / 2 min				
VARIATION OF GENERATOR VOLTAGE	±2.5 %				
OVER SPEED	120 % / 2 min		DETECTING SYSTEM		
VOLTAGE ADJUST	±10.0 %		WINDING TEMP.	PT100 OHM \times 2EA/PHASE	
MOUNTING METHOD	IM1101(B20)		BEARING TEMP.	DIAL TYPE + PT 100 OHM/BRG	
REACTANCE & TIME CONSTANT (CALCULATED VALUE)			COOLING AIR TEMP	-	
			LEAKAGE DETECTOR	-	
Xd	170 % (UNSATURATED)	T' d	0.818 Sec.		
X' d	24.1 % (SATURATED)	T'' d	0.009 Sec.		
X'' d	13.7 % (SATURATED)	Ta	0.090 Sec.		
ra	0.59 %		CONFIRMED ITEM BY OWNER		
NOTE			LOCATION OF TERMINAL BOX. (VIEWD FROM PRIME MOVER)	MAIN : RIGHT SIDE AUX. : RIGHT SIDE	
			CABLE ENTRY	BOTTOM SIDE	
			SPACE HEATER	1PH, 220V, 1000W	
ALARM & TRIP VALUE - WINDING TEMPERATURE DETECTOR : 155°C/160°C - BEARING TEMPERATURE DETECTOR : 95°C/100°C			PAINTING COLOR	7.5BG 7/2	
			LOCATION OF AIR COOLER FLANGE (VIEWD FROM PRIME MOVER)		
			ROTATING DIRECTION OF GENERATOR (VIEWD FROM PRIME MOVER)	C.C.W	

