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DEALERS & IMPORTERS OF POWER PLANTS & ALLIED MACHINERY

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2 x 5000 kVA FUJI make Diesel Generator Sets :

Description	Data	Unit
MODEL	16V32G	
No of cylinder	16	nos
Cyl. Bore X Stroke	320 X 380	mm
Continuous rated output	5800	ps
Overload output	6380(110%)	ps
Rated Speed	600	rpm
Mean piston speed	7.6	m/s
Max. Comb. Pr	130	kg/cm ²
Nbreak Mean Eff.pr.	17.8	kg/cm ²
Comp. Ratio	12:00	
Dry Wt:	Approx. 47300	kg
Fuel oil	Diesel oil L.D.O. or H.S.D.	
Lub oil	Servo marine 3040	
Suprcharging system	Exhaust gas turbo-charger	
Starting system	Compressed air	
Combustion system	Direct injection	
Cooling system	Fresh water	
Firing order	L : 1-5-7-3-8-4-2-6 R : 1-5-7-3-8-4-2-6	
Turbocharger	NHP 35 AH X 2	
Air cooler	NIC 6430 X 2	

Intake valve	2	nos
dia:	105	mm
lift:	27.5	mm
Exhaust valve	2	nos
dia:	105	mm
lift:	27.5	mm
Air Starting valve	1	no.
Dia:	30	mm
lift:	5	mm
Inj. Pressure	280	kg/cm ²
Angle	145	Degree
Dia	0.45	mm
nos	8	nos
Fuel inj. Pump	16	nos
Plunger Dia:	26	mm
Stroke:	25	mm
Lub oil pump	Gear	Type
capacity:	97000	Ltr/hr
Pr.	6	kg/cm ²
Fresh Water Pump	Centre	Type
capacity:	230000	Ltr/hr
Head:	15	m
Fuel oil feed pump	Torochoid	Type
capacity:	2100	Ltr/hr
Head:	2	m
Rocker Lub oil Pump	Torochoid	Type
capacity:	2100	Ltr/hr
Head:	2	m
Type:	Shell & tube	
area	35	m ²

Type:	Shell & tube	
Area:	40	m2
Type:	Duplex (notch wire)	
Mesh Screen :	200	
Primary filter:	Duplex (gauge wire)	
Mesh screen:	100	
Secondary filter:	Auto-clean	
Mesh Screen:	200	

Fuji D.G. # 1 GENERATOR DETAIL		Fuji D.G. # 2 GENERATOR DETAIL	
TOYO DENKI SEIZO K. K.		TOYO DENKI SEIZO K. K.	
OUT PUT	5000 KVA	OUT PUT	5000 KVA
NO. OF PHASE	3	NO. OF PHASE	3
NO. OF POLES	10	NO. OF POLES	10
VOLTAGE	6600 V	VOLTAGE	6600 V
CURRENT	437.4	CURRENT	437.4
FREQUENCY	50 HZ	FREQUENCY	50 HZ
SPEED	600 RPM	SPEED	600 RPM
P. F.	0.8	P. F.	0.8
RATING	CONT.	RATING	CONT.
EXC. VOLTAGE	150 V	EXC. VOLTAGE	150 V
FLD. CURRENT	195 A	FLD. CURRENT	195 A
TYPE	WD1658D-10E	TYPE	WD1658D-10E
ENCLOSER SYSTEM	JP22S	ENCLOSER SYSTEM	JP22S
COOLING SYSTEM	JC 0	COOLING SYSTEM	JC 0
CLASS OF INS.	ARM. & FLD. F	CLASS OF INS.	ARM. & FLD. F
COOLUING	45 CENTI.	COOLUING	45 CENTI.

TEMP.		TEMP.	
STANDARD	JEC-114-1979	STANDARD	JEC-114-1979
WEIGHT	24 t	WEIGHT	24 t
SER. NO.	M 603004	SER. NO.	M 583038
DATE	1986	DATE	1983
EXCITING APPARATUS		EXCITING APPARATUS	
TOYO DENKI SEIZO K. K.		TOYO DENKI SEIZO K. K.	
SYSTEM	BRUSHLESS EXCITATION SYSTEM	SYSTEM	BRUSHLESS EXCITATION SYSTEM
OUT PUT	38 KW	OUT PUT	38 KW
VOLTAGE	190 V	VOLTAGE	190 V
CURRENT	200 A	CURRENT	200 A
EXC. VOLTAGE	110 V	EXC. VOLTAGE	110 V
FLD. CURRENT	38 A	FLD. CURRENT	38 A
ENCLOSER SYSTEM	JP22S	ENCLOSER SYSTEM	JP22S
COOLING SYSTEM	JC 0	COOLING SYSTEM	JC 0
CLASS OF INS.	F	CLASS OF INS.	F
STANDARD	JEC-114-1979	STANDARD	JEC-114-1979
SER. NO.	M 603004	SER. NO.	M 583038
DATE	1986	DATE	1983

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