MAS 765 - S12A2 MPTA



Fuel System

Fuel feed pump Change over type fuel filters Fuel injection pump Shielded fuel injection lines

Lubricating Oil System

Oil pressure alarm switch Full-flow lubricating oil filters (change over type) By-pass filter (change over type) Oil cooler with thermostat

Cooling System Fresh water pump Thermostats with by-pass

Electric System Starter motor Alternator 30 Amps

TECHNICAL DATA

Inlet and Exhaust System

Turbo chargers MITSUBISHI Inlet air main fold with air cleaner Dry type exhaust main fold with vertical outlet, counter flange

Other Standard Equipment

Hydraulic governor Mounting brackets

Alternator

Stamford type HMC Engine and alternator are mounted on a welded steel base frame, installed on vibration dampers

Power	Cylinders	Diameter x Bore	Total Cylinder Capacity	Injection System	Starting System	Fly head	Dry Weight
50 Hz –813 Kva –1500 Rpm 60 Hz –654 Kva –1200 Rpm 60 Hz –913 Kva –1800 Rpm	12 cylinders in V	150x160 mm	33.9 litres	Direct	24 Volts bi-polar	SAE 18 / SAE 1	6800 kg

Options

Classification

BV, LRS, DNV classification (and other). IMO classification

Engine cooling system

Heat exchanger fresh water / raw water (turbo lair or combined) Plate cooler Box cooler Keel cooling Mounted seawater pump Electric seawater pump

Exhaust

Flexible expansion joint Silencer 22 db or 35 db or others Spark–arrestor

Lubricating oil system

Manual oil drain pump Electric oil drain pump Pre-lubricating pump Emergency oil pump

starting system

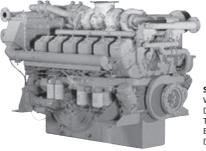
Air starting Electric compressor set Air / electrical combined starting

Instrumental panel

Single- or multi-stations Mechanical or electronic remote control

Alternator

Other brands like LEROY SOMER, etc...



S12A2-MPTA 12-cylinder, 4-cycle, Water cooled, Diesel Engine Direct-injection, Turbocharged with Air-cooler Bore x Stroke (mm): 150 × 160 Displacement (L): 33.93



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	1	2	3	4	5	6	7
A		DETAIL A (1:10) EXHAUST GAS OUTLET					3 <u>DETAIL B (NON SC/</u> <u>FUEL PIPE JOIN</u> Rc 3/4
В		¢212 PCD ¢280 ¢320	:		Detail A		<u>DETAIL E (1:10)</u> <u>F/W INLET</u> φ19 (4x)
C	5	1450 691 759 - 363 -	Det	1034 944 Fail F	3660 3562		98 98 0 0 0 0 145 0 0 145
D	1884		Detail G				
E			Detail D		Detail C Detail B 243	φ100 (4x)	
F		550 550 590 590		4 8 VIBRATION	DAMPER TV063 I/A		No.: Date: MAS
			FOR INFORMATION ONLY	3 I FRAME 2 I GENERATOR I I ENGINE Pos QUAN NO. DESCRIPTION	R HCM634HI SI2A2-MPTA TYPE		TERIAL
	1	2	3	4	5	6	7

