# 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

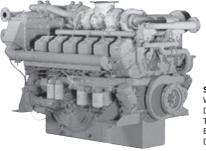
Air starting Electric compressor set Air / electrical combined starting

#### 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



Amsterdam Alexandria Marine Boekweitstraat 17 2153 GK, Nieuw Vennep The Netherlands VAT NL 0549 728 26 B01 REGISTRATION NO. 33283834 IBAN NL 31 RABO 0383 6218 87 SWIFT RABONL2U +31 - (0) - 252 514 588 info@aam-consulting.nl www.aam-equipment.nl www.aam-consulting.nl

	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

