

Propulsion

Model		S12A2-MPTK	S12A2-T2MPTK
Max. output	B (LD)	858 kW / 1150 HP / 2100 min ⁻¹	858 kW / 1150 HP / 1920 min ⁻¹
	C (MD)	776 kW / 1040 HP / 2000 min ⁻¹	776 kW / 1040 HP / 1860 min ⁻¹
	D (HD)	701 kW / 940 HP / 1940 min ⁻¹	701 kW / 940 HP / 1800 min ⁻¹
EIAPP		NONE & IMO1	IMO2
No. of cylinder		12	12
Piston bore		150	150
Piston stroke		160	160
Total piston displacement		33.93	33.93
Flywheel		18 inch	18 inch
Flywheel housing		No.0	No.0
Fuel injection pump		Bosch type	Bosch type
Governor type		Hydraulic	Hydraulic
Capacity of starting motor		2-7.5	2-7.5
Recommended battery size		400	400
Lub. oil capacity (Oil pan)		160	160
Fresh water capacity (Engine)		152	152
Dimensions (L x W x H)		2438.5 x 1482 x 1595.5	2438.5 x 1482 x 1595.5
Dry weight		3,890	3,890

Model		S12R-MPTK	S12R-T2MPTK
Max. output	B (LD)	1210 kW / 1622 HP / 1800 min ⁻¹	1210 kW / 1622 HP / 1800 min ⁻¹
	C (MD)	1040 kW / 1394 HP / 1650 min ⁻¹	1040 kW / 1394 HP / 1650 min ⁻¹
	D (HD)	940 kW / 1260 HP / 1600 min ⁻¹	940 kW / 1260 HP / 1600 min ⁻¹
EIAPP		NONE & IMO1	IMO2
No. of cylinder		12	12
Piston bore		170	170
Piston stroke		180	180
Total piston displacement		49.03	49.03
Flywheel		21 inch	21 inch
Flywheel housing		No.00	No.00
Fuel injection pump		Original PS	Original PS
Governor type		Hydraulic	Hydraulic
Capacity of starting motor		2-7.5	2-7.5
Recommended battery size		400	400
Lub. oil capacity (Oil pan)		230	230
Fresh water capacity (Engine)		227	227
Dimensions (L x W x H)		2556.5 x 1622 x 1727.5	2556.5 x 1622 x 1727.5
Dry weight		5,750	5,750

※4 stroke cycle, Water cooled, Diesel engine. Direct injection, Turbocharged with intercooler

※Fuel oil : Diesel fuel oil (ISO 8217 DMX)

※Starting system : Electric motor (DC24V earth float type)

※Lubricating system : Forced lubrication by engine gear pump

※Lubricating oil : API service grade CF class