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DATA SHEET

DIESEL ENGINES

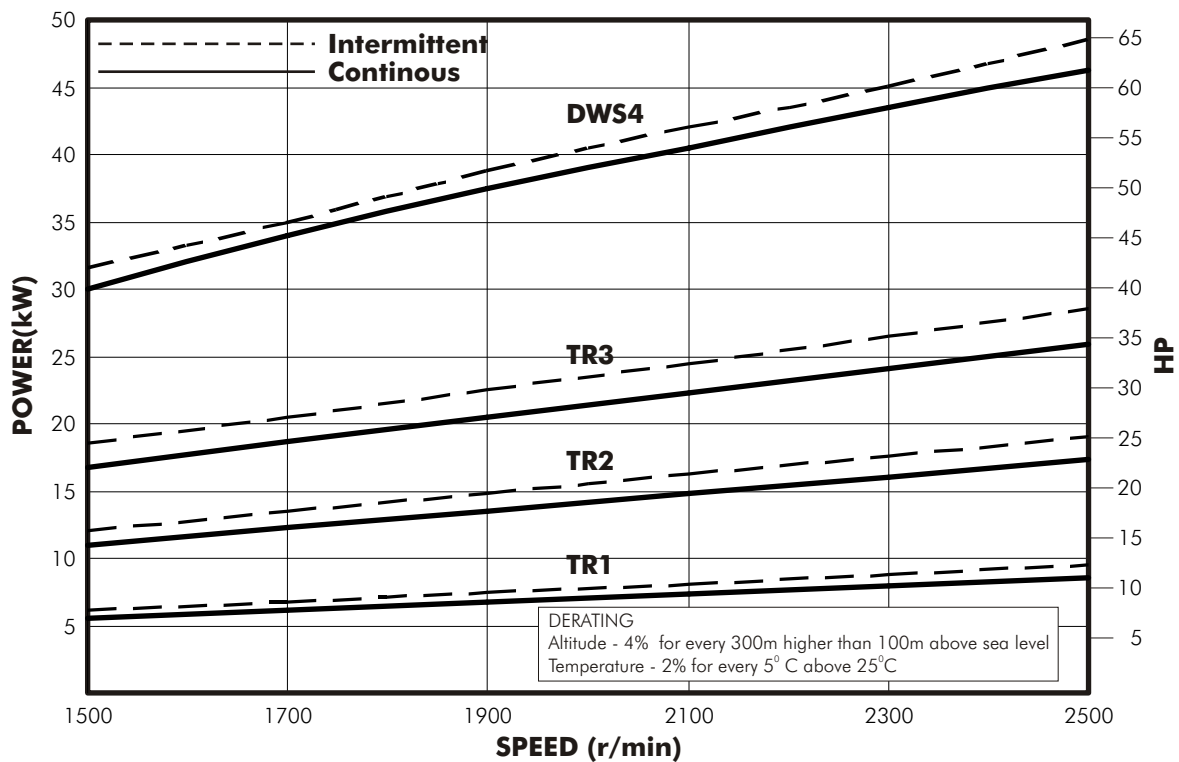


TR



DWS4

Engine Performance



SPECIFICATIONS

The LISTER range of naturally aspirated air and water cooled diesel engines are proven and dependable designs suitable for a wide range of prime mover applications including pumps, generators, maize mills, concrete mixers, dumpers etc. Two ranges are available as follows:-

TR

The TR range are air cooled engines of modular design with most components shared and is offered in one, two and three cylinder configurations determining the power output. Specification includes a cast iron crankcase for durability, individual cylinder direct injection combustion system for easy starting and low fuel consumption and a mechanical governor. Engines are supplied with flywheel mounted drive shaft, inlet and exhaust manifold and 13.5L engine mounted fuel tank. Starting arrangement is either by handle or electric starting depending on specification.

DWS4

DWS4 engines are of water cooled indirect injection design with a rotary fuel injection pump. Features include tropical radiator, heavy duty air cleaner and 12v electric starter system with 55 Amp alternator. All engines are supplied complete with an engine mounted pepper pot exhaust muffler and flywheel drive shaft.

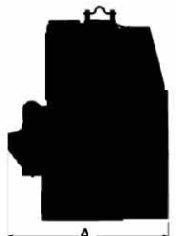
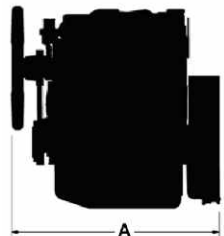

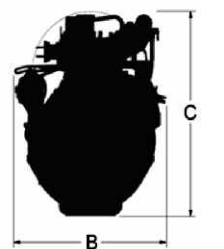
TECHNICAL DATA

Engine Type		TRI	TR2	TR3	DWS4
Power Output kW (BHP)	1500rpm	5.5 (7.4)	11(14.8)	16.8(22.5)	30.2(40.5)
	2500rpm	8.6 (11.5)	17.3(23.2)	25.9(34.7)	46.3(62.1)
Fuel Consumption l/hr	1500rpm	1.5	3.1	4.6	8.6
	2500rpm	2.5	4.9	7.3	13.4
Cylinder Capacity (cc)		770	1550	2320	3330
No. of cylinders		One	Two	Three	Four

Maximum Operating Temperature: 52°C

Rotation: Anticlockwise looking on flywheel end

DIMENSIONS & WEIGHTS

					
					
TR	DWS4				

	TRI	TR2	TR3	DWS4
A	444	571	608	781
B	521	521	521	570
C	683	683	683	712
Wt(kg)	153	185	233	245

Dimensions in mm

NB. Contents herein are not warranted. The right is reserved to amend specifications without notice.

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