

DM8.5

8.5 HP WATER- COOLED ENGINE

ENGINE TYPE:

Vertical, single cylinder, water-cooled, totally enclosed, four-stroke cycle, compression ignition diesel engine.



TECHNICAL SPECIFICATION

TECHNICAL SPECIFICATION		
No. of Cylinders		1
Bore x Stroke	(mm)	95 X 110
Cubic Capacity	(Ltr)	0.780
Compression Ratio		17.5 :1
Rated Output as per		
IS: 11170	kW(hp)	6.25(8.5)
Rated Speed	rpm	1500
Specific Fuel Capacity (SFC)	(gm/hp-hr)	185
Lub Oil Consumption		0.8% of SFC max.
Lub Oil Sump Capacity	(Ltr)	3.7 at higher level mark on dipstick
Fuel Tank Capacity	(Ltr)	11.5
Overall Dimensions of the standard engine (Length X Width X Height)	(mm)	617 X530 X 850
Engine Weight (dry) with all fittings excluding packaging	(kg)	177
Rotation while looking at the flywheel		Clockwise
Power Take-off		Flywheel end.
Starting		Hand Start
Governing		Class"A2"
Type of fuel injection		Direct Injection
Overloading capacity of engine		10% of the rated output