

# DA16

## 16HP AIR- COOLED BARE ENGINE

[Product Code: D8.2001]

### ENGINE TYPE:

Vertical, double cylinder, air -cooled, four-stroke cycle, compression ignition diesel engine.



### TECHNICAL SPECIFICATION

No. of Cylinders		2
Bore x Stroke	(mm)	95 X 110
Cubic Capacity	(Ltr)	1.56
Compression Ratio		17.5 : 1
Rated Output as per IS: 11170	kW(hp)	11.8(16)
Rated Speed	rpm	1500
Torque at full load (Crankshaft drive)	kN-m(kg-m)	0.076 (7.639)
Crankshaft Center Height	(mm)	203
Specific Fuel Consumption (SFC)	(gm/hp-hr)	195 +5%
Lub Oil Consumption		0.8 % of SFC
Lub Oil Sump Capacity	(Ltr)	7.2 at higher level mark on dipstick
Fuel Tank Capacity	(Ltr)	11.5
Overall Dimensions of the standard engine (Length X Width X Height)	(mm)	802 X 670 X 850
Engine Weight (dry) with all fittings excluding packaging	(kg)	325
Rotation while looking at the flywheel		Anticlockwise
Power Take-off		Flywheel end.
Starting		Hand Start/Electric Start
Governing		Class"A2/B1"
Type of fuel injection		Direct Injection
Overloading capacity of engine		10% of the rated output