

# DA10

## 10HP AIR- COOLED BARE ENGINE

[Product Code: D3.2007]

### ENGINE TYPE:

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



### TECHNICAL SPECIFICATION

No. of Cylinders		1
Bore x Stroke	(mm)	102 X 116
Cubic Capacity	(Ltr)	0.948
Compression Ratio		17.5 : 1
Rated Output	kW(hp)	7.4(10)
Rated Speed	rpm	1500
Torque at full load (Crankshaft drive)	kN-m(kg-m)	0.048 (4.775)
Crankshaft Center Height	(mm)	203
Specific Fuel Consumption (SFC)	(gm/hp-hr)	195
Lub Oil Consumption		0.8 % of SFC
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)	516 X 524 X 878
Engine Weight (dry) with all fittings excluding packaging	(kg)	194
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