

TAF1 HSD

6HP AIR- COOLED BARE ENGINE

[Product Code: 20.1212]

ENGINE TYPE:

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



TECHNICAL SPECIFICATION

No. of Cylinders		1
Bore x Stroke	(mm)	87.5 X 110
Cubic Capacity	(Ltr)	0.662
Compression Ratio		17.5 : 1
Rated Output as per IS: 11170	kW(hp)	4.41(6)
Rated Speed	rpm	1500
Torque at full load (Crankshaft drive)	kN-m(kg-m)	0.029 (2.865)
Torque at full load (Camshaft drive)	kN-m(kg-m)	0.057 (5.730)
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)	3.7 at higher level mark on dipstick
Fuel Tank Capacity	(Ltr)	6.5
Overall Dimensions of the standard engine (Length X Width X Height)	(mm)	531 X 546 X 856
Engine Weight (dry) with all fittings excluding packaging	(kg)	163
Rotation while looking at the flywheel		Clockwise / Anti clockwise
Power Take-off		Gear end
Starting		Hand Start
Governing		Class"A2/B1"
Type of fuel injection		Direct Injection
Overloading capacity of engine		10% of the rated output