

KIRLOSKAR TAF1

Diesel engines

TAF1 HSD

7.5 hp AIR-COOLED BARE-SHAFT ENGINE

Engine type:

- Vertical, Single Cylinder,
- Air-Cooled, Four Stroke Cycle,
- Compression Ignition Diesel Engine
- Available in electric start version



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	kW(hp)	4.41 (6)
Rated Speed	rpm	1500
Torque at Full Load	kN-m(kg-m)	0.0229 (2.865)
Crank Shaft Centre Height	(mm)	203
Specific Fuel Consumption (SFC)	(gm/hp-hr)	195 + 5%
Lub Oil Consumption	-	0.8% of SFC max.
Lub Oil Sump Capacity	(Ltr)	3.7 at higher level on dipstick
Fuel Tank Capacity	(Ltr)	6.5
Physical dimensions of bare engine (Length X Width X Height)	(mm)	431 X 446 X 856
Engine Weight (dry)	(kg)	163
Rotation while looking at the flywheel	-	Clockwise / Anticlockwise
Power Take-off	-	Gear End
Starting	-	Hand Start
Governing	-	Class "B1" (8%)
Type of Fuel Injection	-	Direct Injection
Overloading Capacity of Engine	-	10%

