

# KIRLOSKAR TAF2

Diesel engines

## TAF2 HSD

### 12 hp AIR-COOLED BARE-SHAFT ENGINE

Engine type:

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



#### Technical Specification

No. of Cylinders	-	2
Bore X Stroke	(mm)	87.5 X 110
Cubic Capacity	(Ltr)	1.324
Compression Ratio	-	17.5 : 1
Rated Output	kW(hp)	8.83 (12)
Rated Speed	rpm	1500
Torque at Full Load (Crankshaft Drive)	kN-m(kg-m)	0.057 (5.730)
Torque at Full Load (Camshaft Drive)	kN-m(kg-m)	0.115 (11.459)
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)	7.2 at higher level on dipstick
Fuel Tank Capacity	(Ltr)	11.5
Physical dimensions of bare engine (Length X Width X Height)	(mm)	700 X 546 X 878
Engine Weight (dry)	(kg)	276
Rotation while looking at the flywheel	-	Clockwise
Power Take-off	-	Gear End
Starting	-	Hand Start
Governing	-	Class "B1"
Type of Fuel Injection	-	Direct Injection
Overloading Capacity of Engine	-	10%

