

Diesel Engine - High Speed, Air-Cooled [FTA] 10 to 20 HP

TECHNICAL DATA (STANDARD ENGINES)											
Sr. No.	Model No.	Type & Mark	Rated Output HP(kW)	Rated Speed (RPM)	No. Of Cyl.	Bore x Stroke(mm)	Cubic Cap. (cc) per Cyl.	Specific Fuel Consumption At Full Load (SFC)		Weight	
								g/ kWh	g/ bhph	Nett (kgs)	Gross (kgs)
1	39A-FTA	TRB, GOP, BGC, OFPG, GCB	10(7.35)	1500	2	80 x 110	553	251	185	270	365
2	78A-FTA	BB, GOP, BGC, OFPG, GCB	10(7.35)	1500	2	80 x 110	553	251	185	270	365
3	40A-FTA	TRB, GOP, BGC, OFPG, GCB	13(9.6)	1500	2	85 x 110	624	251	185	270	365
4	79A-FTA	BB, GOP, BGC, OFPG, GCB	16(11.8)	1500	2	85 x 110	624	251	185	270	365
5	41A-FTA	TRB, GOP, BGC, OFPG, GCB	15(11.0)	1500	2	87.5 x 110	661	251	185	270	365
6	80A-FTA	BB, GOP, BGC, OFPG, GCB	20 (14.7)	1500	2	87.5 x 110	661	251	182	270	365
7	42A-FTA	TRB, GOP, BGC, OFPG, GCB	16(11.8)	1500	2	95 x 110	780	251	185	275	370
8	81A-FTA	BB, GOP, BGC, OFPG, GCB	25 (18.4)	1500	2	95 x 110	780	251	185	275	370
9	43A-FTA	TRB, GOP, HFW, BGC, OFPG, GCB	20 (14.7)	1500	2	102 x 110	898	251	185	290	385
10	82A-FTA	BB, GOP, HFW, BGC, OFPG, GCB	20 (14.7)	1500	2	102 x 110	898	251	185	290	385
11	44A-FTA	TRB, GOP, HFW, BGC, OFPG, GCA, SDM	20 (14.7)	1500	2	102 x 116	947	251	185	295	390
12	88A-FTA	BB, GOP, HFW, BGC, OFPG, GCA, SDM	20 (14.7)	1500	2	102 x 116	947	251	185	239	390

Note : All Above Models Are Direct Injection (DI) with Aluminium Piston (AP) & Crankshaft Balance Weight (CBW), Cast Iron Cam Gear & Crank Gear (CIG)

- FTA = Fan Type Air-Cooled
- TRB = Taper Roller Bearing
- POP = Plunger Oil Pump
- SGC = Small Gear Cover (Sheet Metal)
- GCA = Governing Class A₂
- HFW = Heavy Flywheel
- OFPG = Outside Full Flow Oil Filter With Oil Pressure Gauge
- BTA = Blower Type Air-Cooled
- BB = Bush Bearing
- GOP = Gear Oil Pump
- BGC = Big Gear Cover (Cast Iron)
- GCB = Governing Class B₁
- SDM = Super Deluxe Model