

Diesel Engine - High Speed, Air-Cooled [FTA] 3 to 10 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	55A-FTA	TRB, POP, SGC, GCB, ISI	5(3.7)	1500	1	80 x 110	553	251	173	155	220
2	65A-FTA	BB, POP, SGC, GCB	5(3.7)	1500	1	80 x 110	553	251	185	155	220
3	56A-FTA	TRB, POP, SGC, GCB	6.5(4.8)	1500	1	85 x 110	624	251	185	155	220
4	66A-FTA	BB, POP, SGC, GCB	6.5(4.8)	1500	1	85 x 110	624	251	185	155	220
5	76A-FTA	TRB, POP, SGC, GCB	7.5(5.5)	1500	1	87.5 x 110	661	251	185	155	220
6	77A-FTA	BB, POP, BGC, GCB	7.5(5.5)	1500	1	87.5 x 110	661	251	185	170	235
7	45A-FTA	TRB, POP, BGC, GCB	7.5(5.5)	1500	1	87.5 x 110	661	251	185	170	235
8	57A-FTA	TRB, POP, SGC, GCB	8(5.9)	1500	1	95 x 110	780	251	185	175	240
9	67A-FTA	BB, POP, BGC, GCB	8(5.9)	1500	1	95 x 110	780	251	185	190	255
10	46A-FTA	TRB, POP, BGC, GCB	8(5.9)	1500	1	95 x 110	780	251	185	190	255
11	58A-FTA	TRB, POP, SGC, GCB	10(7.35)	1500	1	102 x 110	898	251	185	175	240
12	68A-FTA	BB, POP, BGC, GCB	10(7.35)	1500	1	102 x 110	898	251	185	190	255
13	47A-FTA	TRB, POP, BGC, GCB	10(7.35)	1500	1	102 x 110	898	251	185	190	255
14	85A-FTA	TRB, GOP, HFW, BGC, OFPG, GCA, SDM	10(7.35)	1500	1	102 x 116	947	251	185	205	270
Mini Petter Type, High Speed, Water - Cooled, Light Weight Diesel Engines											
15	98A-FTA	TRB, POP, SGC, GCB	3(2.2)	1500	1	76 x 76	345	251	185	90	140
16	94A-FTA	TRB, POP, SGC, GCB	3.5(2.6)	1500	1	76 x 76	345	251	185	90	140
17	95A-FTA	TRB, POP, SGC, GCB	4.5(3.3)	2050	1	76 x 76	345	251	185	90	140
18	96A-FTA	TRB, POP, SGC, GCB	5(3.7)	2150	1	76 x 76	345	251	185	90	140

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