

Diesel Engine - High Speed, Air-Cooled [BTA] 5 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 -BTA	TRB, POP, BGC, GCB	5(3.7)	1500	1	80 x 110	553	251	173	170	235
2	65A -BTA	BB, POP, BGC, GCB	5(3.7)	1500	1	80 x 110	553	251	185	170	235
3	56A -BTA	TRB, POP, BGC, GCB	6.5(4.8)	1500	1	85 x 110	624	251	185	170	235
4	66A -BTA	BB, POP, BGC, GCB	6.5(4.8)	1500	1	85 x 110	624	251	185	170	235
5	76A -BTA	TRB, POP, BGC, GCB	7.5(5.5)	1500	1	87.5 x 110	661	251	185	170	235
6	77A -BTA	BB, POP, BGC, GCB	7.5(5.5)	1500	1	87.5 x 110	661	251	185	175	240
7	57A -BTA	TRB, POP, BGC, GCB	8(5.9)	1500	1	95 x 110	780	251	185	195	260
8	67A -BTA	BB, POP, BGC, GCB	8(5.9)	1500	1	95 x 110	780	251	185	195	260
9	58A -BTA	TRB, POP, BGC, GCB	10(7.35)	1500	1	102 x 110	898	251	185	195	260
10	68A -BTA	BB, POP, BGC, GCB	10(7.35)	1500	1	102 x 110	898	251	185	190	260
11	85A -BTA	TRB, GOP, HFW, BGC, OFPG, GCA, SDM	10(7.35)	1500	1	102 x 116	947	251	185	210	275

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