

## Diesel Engine - High Speed, Water-Cooled 10 to 25 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	<b>31A</b>	TRB, GOP, CIG, BGC, OFPG, GCB	<b>10(7.35)</b>	1500	2	80 x 110	553	251	185	265	360
2	<b>72A</b>	BB, GOP, CIG, BGC, OFPG, GCB	<b>10(7.35)</b>	1500	2	80 x 110	553	251	185	265	360
3	<b>32A</b>	TRB, GOP, CIG, BGC, OFPG, GCB	<b>13(9.6)</b>	1500	2	85 x 110	624	251	185	265	360
4	<b>73A</b>	BB, GOP, CIG, BGC, OFPG, GCB	<b>13(9.6)</b>	1500	2	85 x 110	624	251	185	265	360
5	<b>33A</b>	TRB, GOP, CIG, BGC, OFPG, GCB	<b>15(11.0)</b>	1500	2	87.5 x 110	661	251	185	265	360
6	<b>74A</b>	BB, GOP, CIG, BGC, OFPG, GCB	<b>15(11.0)</b>	1500	2	87.5 x 110	661	251	185	265	360
7	<b>34A</b>	TRB, GOP, CIG, BGC, OFPG, GCB	<b>16(11.8)</b>	1500	2	95 x 110	780	251	185	270	365
8	<b>59A</b>	BB, GOP, CIG, BGC, OFPG, GCB	<b>16(11.8)</b>	1500	2	95 x 110	780	251	185	270	365
9	<b>35A</b>	TRB, GOP, HFW, CIG, BGC, OFPG, GCB	<b>20 (14.7)</b>	1500	2	102 x 110	898	251	185	285	380
10	<b>60A</b>	BB, GOP, HFW, CIG, GBC, OFPG, GCB	<b>20 (14.7)</b>	1500	2	102 x 110	898	251	185	285	380
11	<b>36A</b>	TRB, GOP, HFW, CIG, BGC, OFPG, GCA, SDM	<b>20 (14.7)</b>	1500	2	102 x 116	947	251	182	290	385
12	<b>86A</b>	BB, GOP, HFW, CIG, BGC, OFPG, GCA, SDM	<b>20 (14.7)</b>	1500	2	102 x 116	947	251	182	290	385
13	<b>37A</b>	TRB, GOP, HFW, CIG, BGC, OFPG, GCB	<b>25 (18.4)</b>	1500	2	114.3 x 110	1128	251	185	290	385
14	<b>75A</b>	BB, GOP, HFW, CIG, BGC, OFPG, GCB	<b>25 (18.4)</b>	1500	2	114.3 x 110	1128	251	185	290	385
15	<b>38A</b>	TRB, GOP, HFW, CIG, GBC, OFPG, GCA, SDM	<b>25 (18.4)</b>	1500	2	114.3 x 116	1190	251	185	295	390
16	<b>87A</b>	BB, GOP, HFW, CIG, BGC, OFPG, GCA, SDM	<b>25 (18.4)</b>	1500	2	114.3 x 116	1190	251	185	295	390

Note : All Above Models Are Direct Injection (DI) with Aluminium Piston (AP) & Crankshaft Balance Weight (CBW)

- TRB = Taper Roller Bearing
- POP = Plunger Oil Pump
- LOP = Lubricating Oil Pump
- CIG = Cast Iron Cam Gear & Idler Gear
- SGC = Small Gear Cover (Sheet Metal)
- GCA = Governing Class A<sub>2</sub>
- HFW = Heavy Flywheel
- CIP = Cast Iron Piston
- OFPG = Outside Full Flow Oil Filter With Oil Pressure Gauge
- BB = Bush Bearing
- GOP = Gear Oil Pump
- SG = Steel Cam Gear & Idler Gear
- BGC = Big Gear Cover (Cast Iron)
- GCB = Governing Class B<sub>1</sub>
- SDM = Super Deluxe Model
- ES = Self/Electric Start Arrangement With Solenoid Switch & Alternator Type Battery Charger