

## Diesel Engine - High Speed, Air-Cooled [BTA] 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	<b>39A</b> -BTA	TRB, GOP, BGC, OFPG, GCB	<b>10(7.35)</b>	1500	2	80 x 110	553	251	185	275	370
2	<b>78A</b> -BTA	BB, GOP, BGC, OFPG, GCB	<b>10(7.35)</b>	1500	2	80 x 110	553	251	185	275	370
3	<b>40A</b> -BTA	TRB, GOP, BGC, OFPG, GCB	<b>15(11.0)</b>	1500	2	85 x 110	624	251	185	275	370
4	<b>79A</b> -BTA	BB, GOP, BGC, OFPG, GCB	<b>16(11.8)</b>	1500	2	85 x 110	624	251	185	275	370
5	<b>41A</b> -BTA	TRB, GOP, BGC, OFPG, GCB	<b>20 (14.7)</b>	1500	2	87.5 x 110	661	251	185	275	370
6	<b>80A</b> -BTA	BB, GOP, BGC, OFPG, GCB	<b>20 (14.7)</b>	1500	2	87.5 x 110	661	251	182	275	370
7	<b>42A</b> -BTA	TRB, GOP, BGC, OFPG, GCB	<b>25 (18.4)</b>	1500	2	95 x 110	780	251	185	280	375
8	<b>81A</b> -BTA	BB, GOP, BGC, OFPG, GCB	<b>25 (18.4)</b>	1500	2	95 x 110	780	251	185	280	375
9	<b>43A</b> -BTA	TRB, GOP, HFW, BGC, OFPG, GCB	<b>20 (14.7)</b>	1500	2	102 x 110	898	251	185	295	390
10	<b>82A</b> -BTA	BB, GOP, HFW, BGC, OFPG, GCB	<b>20 (14.7)</b>	1500	2	102 x 110	898	251	185	295	390
11	<b>44A</b> -BTA	TRB, GOP, HFW, BGC, OFPG, GCA, SDM	<b>20 (14.7)</b>	1500	2	102 x 116	947	251	185	300	395
12	<b>88A</b> -BTA	BB, GOP, HFW, BGC, OFPG, GCA, SDM	<b>20 (14.7)</b>	1500	2	102 x 116	947	251	185	300	395

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

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| <ul style="list-style-type: none"> <li>• FTA = Fan Type Air-Cooled</li> <li>• TRB = Taper Roller Bearing</li> <li>• POP = Plunger Oil Pump</li> <li>• SGC = Small Gear Cover (Sheet Metal)</li> <li>• GCA = Governing Class A<sub>2</sub></li> <li>• HFW = Heavy Flywheel</li> <li>• OFPG = Outside Full Flow Oil Filter With Oil Pressure Gauge</li> </ul> | <ul style="list-style-type: none"> <li>• BTA = Blower Type Air-Cooled</li> <li>• BB = Bush Bearing</li> <li>• GOP = Gear Oil Pump</li> <li>• BGC = Big Gear Cover (Cast Iron)</li> <li>• GCB = Governing Class B<sub>1</sub></li> <li>• SDM = Super Deluxe Model</li> </ul> |
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