

## Diesel Engine - Slow Speed, Water-Cooled 5 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>10A1</b>	IDI, TRB, CIP, CIG, <b>ISI</b>	<b>5(3.7)</b>	600	1	114.3 x 139.7	1433	268	197	310	420
2	<b>10A</b>	IDI, TRB, CIP, CIG, <b>ISI</b>	<b>6(4.4)</b>	650	1	114.3 x 139.7	1433	268	197	310	420
3	<b>10B</b>	IDI, BB, LOP, CIP, CIG	<b>6(4.4)</b>	650	1	114.3 x 139.7	1433	268	197	320	430
4	<b>12A</b>	IDI, TRB, CIP, CIG, <b>ISI</b>	<b>8(5.9)</b>	850	1	114.3 x 139.7	1433	268	197	320	430
5	<b>12B</b>	IDI, BB, LOP, CIP, CIG, <b>ISI</b>	<b>8(5.9)</b>	850	1	114.3 x 139.7	1433	268	197	330	440
6	<b>12ADI</b>	IDI, TRB, AP, CIG, <b>ISI</b>	<b>8(5.9)</b>	850	1	114.3 x 139.7	1433	241	177	315	425
7	<b>14A</b>	IDI, TRB, CIP, CIG, <b>ISI</b>	<b>9.5(7.0)</b>	1000	1	114.3 x 139.7	1433	268	197	330	440
8	<b>19A</b>	IDI, TRB, CIP, CIG	<b>10(7.35)</b>	1000	1	120 x 139.7	1580	268	197	330	440
9	<b>15A</b>	IDI, TRB, LOP, CIP, CIG, <b>ISI</b>	<b>10(7.35)</b>	1000	1	120 x 139.7	1580	268	197	340	450
10	<b>15A1</b>	IDI, TRB, LOP, CIP, CIG, <b>ISI</b>	<b>8(5.9)</b>	900	1	120 x 139.7	1580	268	197	340	450
11	<b>15B</b>	IDI, BB, LOP, CIP, CIG	<b>10(7.35)</b>	1000	1	120 x 139.7	1580	268	197	345	455
12	<b>16A</b>	IDI, TRB, LOPM CBW,CIP,CIG, <b>ISI</b>	<b>10(7.35)</b>	1000	1	120 x 139.7	1580	268	197	350	460
13	<b>16A1</b>	IDI, TRB, LOPM CBW,CIP,CIG, <b>ISI</b>	<b>8(5.9)</b>	900	1	120 x 139.7	1580	268	197	350	460
14	<b>16ASD</b>	IDI, TRB, LOP, CBW, HFW, CIP, CIG, SDM, <b>ISI</b>	<b>10(7.35)</b>	1000	1	120 x 139.7	1580	268	197	375	485
15	<b>16ADI</b>	DI, TRB, LOP, CBW, AP, CIG, <b>ISI</b>	<b>10(7.35)</b>	1000	1	120 x 139.7	1580	241	177	345	455
16	<b>16ASDI</b>	DI, TRB, LOP, CBW, HFW, AP, CIG, SDM, <b>ISI</b>	<b>10(7.35)</b>	1000	1	120 x 139.7	1580	241	177	370	480
17	<b>11A</b>	IDI, TRB, LOP, CBW, HFW, CIP, SG, <b>ISI</b>	<b>12(8.8)</b>	1000	1	127 x 139.7	1770	268	197	380	490
18	<b>11A1</b>	IDI, TRB, LOP, CBW, HFW, CIP, SG, <b>ISI</b>	<b>10(7.35)</b>	900	1	127 x 139.7	1770	268	197	380	490
19	<b>17A</b>	IDI, TRB, LOP, CBW, HFW, CIP, SG	<b>12(8.8)</b>	1000	1	127 x 139.7	1770	268	197	390	515
20	<b>17A1</b>	IDI, TRB, LOP, CBW, HFW, CIP, SG	<b>10(7.35)</b>	900	1	127 x 139.7	1770	268	197	390	515
21	<b>28A</b>	IDI, TRB, LOP, CBW, HFW, CIP, SG	<b>14(10.3)</b>	1000	1	127 x 160	2026	268	197	400	510
22	<b>28A1</b>	IDI, TRB, LOP, CBW, HFW, CIP, SG, <b>ISI</b>	<b>10(7.35)</b>	900	1	127 x 160	2026	268	197	400	510
23	<b>29ADI</b>	DI, TRB, LOP,CBW,HFW, AP,SG	<b>15(11.0)</b>	1000	1	127 x 160	2026	241	177	395	505
24	<b>29ADI1</b>	DI,TRB, LOP,CBW,HFW, AP, SG, <b>ISI</b>	<b>10(7.35)</b>	900	1	127 x 160	2026	241	177	395	505
25	<b>30ADI</b>	DI,TRB, LOP,CBW,HFW, AP, SG	<b>16(11.8)</b>	1000	1	130 x 160	2123	241	177	400	510
26	<b>30ADI1</b>	DI,TRB, LOP,CBW,HFW, AP, SG	<b>10(7.35)</b>	900	1	130 x 160	2123	241	177	400	510
27	<b>18ADI</b>	DI,TRB,CBW,HFW,AP, CIG	<b>18(13.2)</b>	750	1	155 x 177.8	3353	241	177	565	710
28	<b>18ADI2</b>	DI,TRB,CBW,HFW,AP, CIG	<b>20(14.7)</b>	825	1	155 x 177.8	3353	241	177	565	710

Note : All Above Models Are Governing Class B<sub>1</sub> (GCB)

- IDI = Indirect Injection
- TRB = Taper Roller Bearing
- LOP = Lubricating Oil Pump
- CIP = Cast Iron Piston
- CIG = Cast Iron Cam Gear & Idler Gear
- HFW = Heavy Flywheel
- DI = Direct Injection
- BB = Bush Bearing
- CBW = Crankshaft Balance Weight
- AP = Aluminium Piston
- SG = Steel Cam Gear & Idler Gear
- SDM = Super Deluxe Model