

Whispower Escorts DG Sets

The most fuel efficient DG Sets



Maximum Performance
Minimum cost

Escorts Engines...a Captive power plant

Technical Advantages

Air entrance to engine is helical i.e rotation for good combustion of diesel and air

- No pressure on engine parts like connecting rod, piston pin and crankshaft etc, which enhances overhaul life
- No smoke after full combustion of diesel , hence there's less consumption of diesel

Re-entrant type piston combustion chamber

- Ring carrier piston's life enhances and piston can be reused after first overhaul

Ring carrier and side drain piston

- Side drain piston makes negligible consumption of engine oil

Cross flow design

- Cross-flow process helps emit the combustion gasses completely out of the engine
- Less temperature near valves that gives long life

Diesel pump with mechanical governor

- Saves fuel and get maximum power from each drop of fuel

Dry type air cleaner

**Unmatched
FUEL
ECONOMY
and operational cost**

Features

- High Power
- Quick Start
- Low Smoke Emission
- High Reliability With Longer Life
- Low Noise And Vibration Level
- Easy And Low Maintenance

DESCRIPTION	UNITS	SPECIFICATION				
Engine Model		G15	G20	G25	G30	G40/45
Power@1500 RPM*	BHP	22	28	33	43	60
No. Of Cylinders		2	3	3	3	4
Aspiration		Natural	Natural	Natural	Natural	TC
Cooling System		Water	Water	Water	Water	Water
Bore	mm	102	91	105	105	91
Stroke	mm	120	110	120	120	110
Total Displacement	cc	1960	2146	3120	3120	2860
Compression Ratio		17.5:1	17.5:1	17.5:1	17.5:1	17.5:1
SFC	Gm/hp-hr	160	152	155	155	155
Lub oil Consumption	% of fuel	0.1	0.1	0.1	0.1	0.1
Sump Capacity	Ltrs.	6	6	6	6	8
Type / Class of Governor		Mech-A1	Mech-A1	Mech-A1	Mech-A1	Mech-A1
Dimensions (LxWxH)	Mtr.	2x1x1.25	2x1x1.25	2.2x1x1.3	2.2x1x1.3	2.4x1x1.3
Weight	Kg.	750	780	850	900	1000



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