

AIR COOLED DIESEL ENGINE FOR MULTI APPLICATIONS

Irrigating Smiles

IMA 8.5G

IMA 10G

IMA 12G



INDRA MARSHAL POWER PVT. LTD.

SOLUTION FOR THE GROWING WORLD

ENGINE SPECIFICATION

- ▶ **TYPE:**
Vertical, totally enclosed, compression ignition, four-stroke cycle, cold starting, aircooled diesel engine.
- ▶ **COMBUSTION :**
Open type combustion chamber in an aluminium alloy piston in combination with long- stem nozzle, resulting in low fuel consumption and easy starting.
- ▶ **FUEL SYSTEM :**
Fuel is supplied to the fuel pump by gravity feed through the fuel tank and an efficient fuel filter.
- ▶ **Lubrication:**
Lubrication through gear Pump other working parts are splash lubricated. By-pass filter is provided for cleaning the lubricating oil
- ▶ **GOVERNING:** Class 'A2' type
- ▶ **ROTATION :**
Standard rotation is clockwise from facing the flywheel
- ▶ **STARTING :**
Hand start.
- ▶ **POWER TAKE OFF:**
Standard power take-off is from the flywheel end.
- ▶ **STANDARD EQUIPMENT:**
Starting handle, exhaust silencer, air cleaner, set of tools.
- ▶ **OPTIONAL:**
Flexible coupling pulley key type or drum type, extension shaft and foundation bolts.

Engine Model	IMA 8.5G	IMA 10G	IMA 12G
No. of Cylinder	1	1	1
Bore x Strike (mm)	95 x 110	102 x 116	114.3 x 116
Cubic Capacity (Ltr.)	0.78	0.948	1.28
Compression Ratio	17.5:1	17.5:1	17.5:1
Rated output Kw(HP) 1500rpm	6.25 (8.5)	7.4 (10)	8.8 (12)
SFC (gm/kw-h)	251	251	251
Fuel Tank Capacity (Ltr.)	11.5	11.5	11.5
Lube Oil Sump Capacity (Ltr.)	3.75	3.75	3.75
Overall Dimensions of Standard	length (mm)	685	685
	width (mm)	532	532
	height (mm)	850	860
Crankshaft center height (mm)	203.2	203.2	203.2
Dry weight of engine with flywheel (kg)	200	200	220

Manufactured By :

Indra Marshal Power Pvt. Ltd

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