

# VARSHA 4

**5HP AIR - COOLED PUMPSET**  
[Product Code: N11.1106]

**ENGINE TYPE:**

Type: Horizontal, Single Cylinder,  
Air- Cooled, Four Stroke Cycle,  
Compression Ignition Diesel Engine



## TECHNICAL SPECIFICATION

Model		VARSHA-4
No. of Cylinders		1
Bore x Stroke	(mm)	74 X 74
Cubic Capacity	(Ltr)	0.318
Compression Ratio		22:01
Rated Output as per IS :11170	kW(hp)	3.7(5)
Rated Speed	rpm	2600
Specific Fuel Capacity (SFC)	(gm/hp-hr)	200
Lub Oil Consumption		1% of SFC max.
Lub Oil Sump Capacity	(Ltr)	1
Fuel Tank Capacity	(Ltr)	4.5
Physical dimensions of bare engine (Length X Width X Height)	(mm)	366 X 623 X 402
Engine Weight (dry)	(kg)	43
Rotation while looking at the flywheel		Clockwise
Power Take-off		Flywheel end.
Starting		Hand Start
Governing		Class"B1"
Combustion System		Indirect Combustion
Overloading capacity of engine		10% of the rated output

### Pump Specification: (Pump Type - Centrifugal)

Pump Model	Pipe Size (mm)		Rated Speed (RPM)	Imp Dia.(mm)	Total Head In Metres								Power Rating	
	Suc	Del			17	18.4	19.0	21.0	23.0	24.0	24.2	25.0	kW	HP
<b>Water Discharge Capacity In Litres Per Second</b>														
VA4	80	65	2600	156	11.7	11.5	10.7	9.5	8.3	8.2		3.7	5	