

VA 320

4HP AIR - COOLED PUMPSET
 [Product Code: N11.1005]

ENGINE TYPE:

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



TECHNICAL SPECIFICATION

Model		VA320-2
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)	2.94(4)
Rated Speed	rpm	1800
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" for agricultural purposes
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			7	7.6	8.0	9.0	9.5	10.0	10.5	11.0	kW	HP
Water Discharge Capacity In Litres Per Second														
Va2	80	80	1800		17.7	15.0	13.0	12.5	9.0	8.3		2.94	4	