

DAF 10-NW2

10HP AIR - COOLED PUMPSET

[Product Code: D3.1023]

ENGINE TYPE:

Vertical, single cylinder, water-cooled, four-stroke cycle, compression ignition diesel engine.



TECHNICAL SPECIFICATION

No. of Cylinders		1
Bore x Stroke	(mm)	102 X 116
Cubic Capacity	(Ltr)	.948
Compression Ratio		17.5 : 1
Rated Output as per IS: 11170	kW(hp)	7.36(10)
Rated Speed	rpm	1500
Specific Fuel Consumption (SFC)	(gm/hp-hr)	185
Lub Oil Consumption		1 % of SFC
Lub Oil Sump Capacity	(Ltr)	3.7 at higher level mark on dipstick
Fuel Tank Capacity	(Ltr)	11.5
Overall Dimensions of the standard engine (Length X Width X Height)	(mm)	531 X 546 X 878
Engine Weight (dry) with all fittings excluding packaging	(kg)	194
Rotation while looking at the flywheel		Clockwise
Power Take-off		Flywheel end.
Starting		Hand Start
Governing		Class "B1" for agricultural purposes
Type of fuel injection		Direct Injection
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			12	12.8	13.0	14.0	15.0	16.0	17.6	18.0	kW	HP
Water Discharge Capacity In Litres Per Second														
Nw2+	80	65	1500		21.5	20.8	19.3	17.9	16.0	13.0		7.36	10	