

# DAF8

## 8HP AIR- COOLED BARE ENGINE

[Product Code: D7.1003.01]

### ENGINE TYPE:

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



### TECHNICAL SPECIFICATION

|  |            |                                      |
|--|------------|--------------------------------------|
| No. of Cylinders   |            | 1                                    |
| Bore x Stroke  | (mm)       | 95 X 110                             |
| Cubic Capacity   | (Ltr)      | 0.78                                 |
| Compression Ratio  |            | 17.5 : 1                             |
| Rated Output as per IS: 11170  | kW(hp)     | 5.9(8)                               |
| Rated Speed  | rpm        | 1500                                 |
| Torque at full load (Crankshaft drive)                                 | kN-m(kg-m) | 0.038 (3.820)                        |
| Crankshaft Center Height   | (mm)       | 203                                  |
| Specific Fuel Consumption (SFC)  | (gm/hp-hr) | 195 +5%                              |
| Lub Oil Consumption  |            | 0.8 % 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<br>(Length X Width X Height) | (mm)       | 531 X 546 X 878                      |
| Engine Weight (dry) with all fittings<br>excluding packaging           | (kg)       | 193                                  |
| Rotation while looking at the flywheel                                 |            | Clockwise                            |
| Power Take-off   |            | Flywheel end                         |
| Starting   |            | Hand Start                           |
| Governing  |            | Class"B2"                            |
| Type of fuel injection   |            | Direct Injection                     |
| Overloading capacity of engine   |            | 10% of the rated output              |