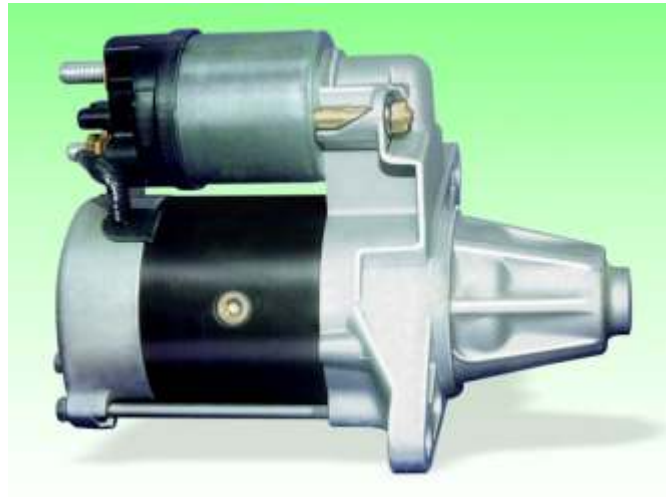


Type : SM76PE 12V Starter Motor



APPLICATION

Light weight pre-engaged Starter Motor designed for petrol engines upto 1200 cc capacity (3 or 4 cylinder engines).

RATINGS :

Electrical :

System Voltage : 12V
Polarity : Negative earth

Thermal:

Operating temperature range : -5°C to + 93°C
For Operations below -5°C : Consult Lucas-TVS for recommendations on battery capacity, and cold starting aids.

CHARACTERISTICS:

Performance data at +20°C with 35AH fully charged battery.

For full load conditions which the following typical power, lock torque and run torque values are as stated below:

Power output : 0.8 kw.
Run torque : 0.25 kg.m. at 9.0v current 155 Amps. max. and speed

Lock Torque : 2100 RPM min.
: 0.56 kg.m. at 5.0v current 350 Amps. max.

Performance curve and principal dimensions are given overleaf. Fully detailed drawing available on request.

Weight : 3.7 kg. (approx.)

Features:

Pre-engaged starter motor
Rotation : Clock/anticlock (viewed from drive end)

Fixing:

Flange mounted to fly wheel housing spigot location diameter and two fixing holes on a pitch circle dia to suit the installation.

Pinion :

Various pinion forms are available to suit Wide range of applications.

TERMINATIONS:

Stud Terminations:

Ballast : 5mm Lucar Blade
Battery : M8 x 1.25
Solenoid : 1/4" Lucar Blade

Enclosures :

Externally protected (except from bell housing) against water and oil splash.

