

**Starter Motor
Type : HD10
12V - 2.7 Kw**



APPLICATION

Pre-engaged Starter Motor designed for Light Commercial Vehicles powered by Diesel Engines upto 6.0 litres capacity.

RATING

Electrical

System Voltage : 12 Volts
Polarity : Negative
Power output : 2.7 kw.

Mechanical

Rotation : Clockwise (viewed from Drive end)

Thermal

Operating Temperature Range : -20°C to + 100°C
For operations down to -5°C. Consult Lucas-TVS for recommendations on Battery capacity and cold starting aids.

GENERAL

Weight : 11.0 kg. (approx)
Dimensions : Principal Dimensions are given overleaf. Fully detailed drawing available on request.

FEATURES

- Water and Oil Sealed
- Low Current Solenoid
- Heavy Duty Roller Clutch
- Class "F" Insulation
- Moulded Commutator and Resistance Brazed Armature combinations.

Pinion

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

Solenoid

Available with Lucar Blade or Stud Terminations.

PERFORMANCE DATA

PERFORMANCE SPECIFICATION	CONDITION	VOLTAGE (Volts)	CURRENT (Amps)	TORQUE	SPEED (RPM)
AT + 27°C	LOCK VALUES	7.0	1250 MAX	43.0 N.m. (MN)	---
	RUN TEST VALUES	9.2	625 MAX	21.0 N.m. (MN)	1050 MN.
	LIGHT RUN VALUES	---	110 MAX	---	6000 MN.

Refer Performance Curve overleaf.

