

Fire Curtain Motor

NFGR53/30 (40W)

The 24V DC fire curtain motor is an in-house designed unit installed at one end of the roller tube, featuring a factory-fitted drive coupling for seamless integration. It supports clockwise or counterclockwise retraction. The opposite end houses a free-sliding shaft with two bearings for stability. Built with high-quality components, the motor ensures reliable, maintenance-free operation and a long service life.



Features

- Designed for Fire and Smoke Curtain Systems.
- Supports smooth, precise, and reliable operation.
- Compact and lightweight for ease of installation.
- High-efficiency motor with low energy consumption.
- Compatible with building management systems (BMS).
- Integrated fail-safe operation in case of power failure (battery backup compatibility).

Technical Specifications

Parameter	Details
Motor Type	24 VDC Brushless Motor
Power Output	37.7 W
Operating Voltage	24 VDC \pm 10%
Torque	Mn 2400 Ncm
Speed	3600 RPM
Duty Cycle	Continuous Operation (100% Duty)
Temperature Range	-10°C to +60°C
Ingress Protection	IP54 (Dust and splash-resistant)