

Mobile Phone Clutch with Electromagnetic Control

This electromagnetic clutch is designed for mobile phone applications. It features a 12V rated voltage, 42W power consumption, and provides 25 N.m of static friction torque.

| 项 目 | | 参 数 | |
|---------|--------------|-------|--------------|
| 主 机 | 理论排量 | ml/r | 83 |
| | 重量 | kg | 2.0 (含离合器) |
| | 允许连续转速 | r/min | 800-1800 |
| | 安装允许最大倾角 (°) | | ±35 |
| | 旋转方向 | | 顺时针 |
| | 使用制冷剂 | | R134a |
| | 润滑油牌号 | | DH-PS (不可替代) |
| 其 它 参 数 | 油量 | mL | 100±10 |
| | 额定电压 | V | 12 |
| | 静摩擦扭矩 | N.m | 25 |

Overview

Electromagnetic Clutch Unit

This high-performance mobile phone clutch unit is engineered for precision and reliability in demanding environments. Featuring a theoretical displacement of 83 ml/r and a robust construction weighing 2.0 kg, it is designed to operate seamlessly within a continuous speed range of 800 to 7800 r/min. Optimized for compatibility with R134a refrigerant, this unit ensures efficient thermal management and consistent performance.

Technical Specifications

| | |
|------------------------------|----------------|
| Theoretical Displacement | 83 ml/r |
| Weight (including clutch) | 2 kg |
| Permissible Continuous Speed | 800-7800 r/min |
| Max Installation Tilt Angle | 35 degrees |
| Rotation Direction | Clockwise |

Fluids and Maintenance

| | |
|-------------------------|---------------------------|
| Recommended Refrigerant | |
| R134a | |
| Lubricant Oil Grade | DH-PS (Non-substitutable) |
| Oil Capacity | 100±10 mL |

Clutch Performance

Clutch Performance Metrics

12 V

Rated Voltage

42 W

Power Consumption

25 N.m

Static Friction Torque