

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 他 参 数	油量	ml	100±10
	额定电压	V	12
	消耗功率	W	42 (20°C时)
	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