

中·大型商用
MT/AMT车辆

气压式离合器系统

Pneumatic Clutch System
for Medium- and Large-Sized Commercial MT/AMT Vehicles

EXEDY

开发中
Under Development

概念

Concept

使用“推式离合器盖总成”
与MT/AMT兼容的“气动释放气缸 (CPCA)”系统

Pneumatic release cylinder (CPCA) system for MT/AMT with push-type clutch cover assembly

CPCA : Concentric Pneumatic Clutch Actuator

执行机构通过气压在同轴上控制离合器盖总成。

Actuator controls the clutch cover assembly coaxially by pneumatic pressure.

特点

Features

构造 / 外观

Structure/Appearance

离合器盖总成

Clutch Cover Assembly

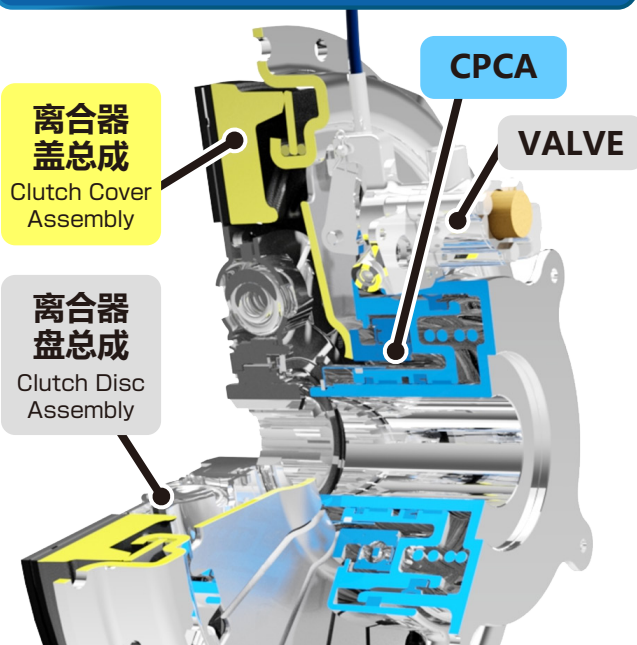
与 CPCA 匹配的离合器释放特性

Set clutch release characteristics to match CPCA

CPCA

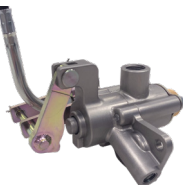



通过选择 MT用 阀门和AMT行程传感器并使零件通用化，
实现在 MT/AMT 两种变速箱上的通用。

Choosing a MT valve and AMT stroke sensor, and sharing of parts allows this system to be used on both MT and AMT transmission types.



主要规格

Main Specifications

	MT			AMT
	VALVE	CLUTCH	CPCA	SENSOR
中型 Medium Duty 适用发动机扭矩 Applicable engine torque ~1,000Nm	 3气孔位置控制阀 Position control valve 3 ports	 Φ350PUSH Φ380PUSH	M-CPCA 产生的负载 Generated load 7.2kN / 0.5MPa 总行程 Total stroke 36.5mm	 无接触式行程传感器 PWM 或模拟 Non-contact Stroke sensor type PWM or analog
大型 Heavy Duty 适用发动机扭矩 Applicable engine torque ~2,300Nm		 Φ430PUSH	H-CPCA 产生的负载 Generated load 12kN / 0.5MPa 总行程 Total stroke 38.8mm	