MAGNETIC COUPLING AND SPEED REGULATING DEVICE

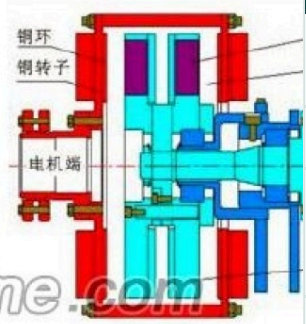
COT Adjustable Speed Permanent Magnet Eddy Current Transmission

ISO9001 Supplier

Class Certificate

Export Supply

The device is composed by copper rotor, permanent magnet rotor and actuator component. Generally copper rotor (Steel rotor with copper ring) connect with motor shaft, permanent magnet rotor (Aluminum rotor with permane...



Key Highlights

Category	Magnetic Coupling and Speed Regulating Device
Standard	EN
Material	Generally copper rotor (Steel rotor with copper ring) connect with motor...
Weight / Size	Simple structure, small size, easy to install, adapt to work in harsh co...
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications			
Category	Magnetic Coupling and Speed Regulating Device	**Model / SKU**	COT-Adjustable-Speed-Permanent-Magnet-Eddy-Current-Transmission
Standard	EN	**Material**	Generally copper rotor (Steel rotor with copper ring) connect with motor shaft, permanent magnet rotor (Aluminum rotor with permanent magnets) connect with load shaft.
Weight / Size	Simple structure, small size, easy to install, adapt to work in harsh conditions.	**Certificate**	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS
Warranty	12 Months unless specified otherwise	**Origin**	China

China COT Adjustable Speed Permanent Magnet Eddy Current Transmission:

The device is composed by copper rotor, permanent magnet rotor and actuator component.
Generally copper rotor (Steel rotor with copper ring) connect with motor shaft, permanent magnet rotor (Aluminum rotor with permanent magnets) connect with load shaft. There is only an air-gap between Copper rotor and permanent magnet rotor without mechanical connection for Trans missing the torque.
When the motor rotates, the copper ring of copper rotor cut the magnetic field lines of permanent magnet, Generate inductive eddy current and creates a magnetic field in copper rotor, thereby transmitting torque Across the air-gap. Smaller air-gap, stronger the force of transmitted torque. Otherwise, weaker the Force of transmitted torque. Vary the air-gap spacing by actuator component which is operated by hand Or automatic control system.

Few day-maintenance, low operation cost, almost maintenance-free products.
Accept misalignment, centration error 5mm (max).
With overload protection function, so as to improve the safety, the reliability of the whole system, Completely eliminate the damage to the system caused by overload.
For the special traction, the vibrating is not passed between motor and the device in order to Effectively reduces the system vibration and prolong the service life of its component.
Simple structure, small size, easy to install, adapt to work in harsh conditions.
Adjust air-gap for getting required torque and speed with significant energy-saving effect.
The device is with soft starting performance in order to improve motor starting capability, soft start. Motor or soft stop. Besides, reduce the motor start instantly on impact and vibration equipment.