

Electromagnetic Single-Face Diaphragm Clutch

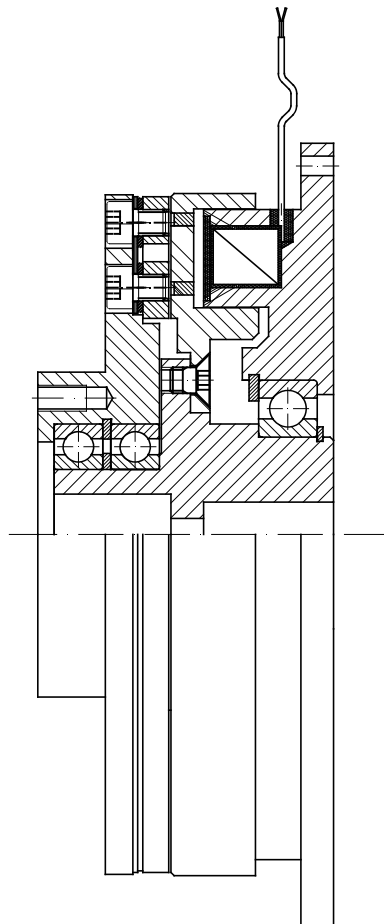
Maintenance-free pole-friction clutch for high-duty operation, particularly suitable for operation with combustion engines.

For dry operation, coil voltage 24 V DC

- ◆ Friction locking torque connection
- ◆ Backlash-free
- ◆ Self-adjusting by magnetic flux permeated friction faces
- ◆ No idling torque due to complete disconnection
- ◆ For horizontal and vertical mounting.

When electrical power is applied, the armature plate is pulled against the driver resulting in a friction locked torque connection. When the power supply is switched off, the armature plate is completely separated from the magnet body due to the elastic force of the diaphragm. The twin-magnetic flux design enables high torque transmission.

This data sheet provides a summary of the performance and features of this clutch type.
 The clutch can be customized exactly regarding to the present torque requirements and the installation situation!



Data and Dimensions		MDSL 3,5	MDSL 15	MDSL 50	MDSL 63	MDSL 80	MDSL 100
Static torque	Nm	35	150	500	630	800	1000
Dynamic torque	Nm	25	110	400	500	600	750
Outer diameter	mm	96	165	210	255	270	296
Overall length	mm	40	75	82	88	113	126