



MAGNETIC COUPLINGS

What is a magnetic coupling ?



It is the transmission of a movement without mechanical contact, without energy input and without wear through a wall separating the ambient environment from a sanitised or contaminated environment.

- There are two technologies: synchronous or hysteresis.

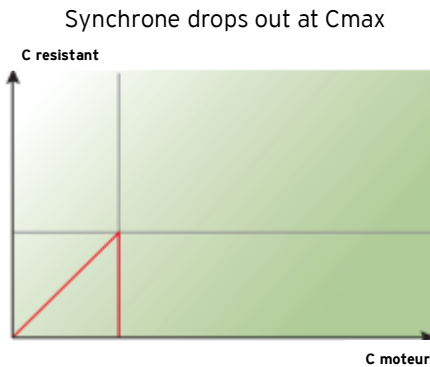
DIMENSIONS* (from existing tooling)		
Type of technology	Diameter (mm)	Length (mm)
Radial	50 à 180	10 à 90
Axial	50 à 200	20 à 50

*Other dimensions are possible

SYNCHRONOUS COUPLER

It is used as a torque limiter to transmit a movement (through a wall or not).

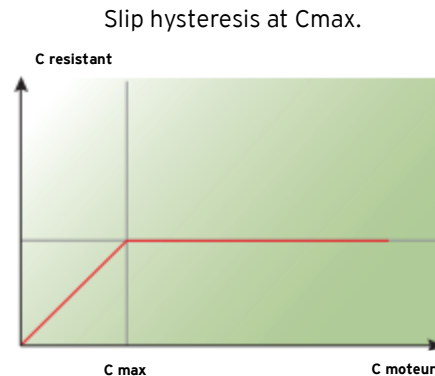
- Torque:** from 0,1 to 200 Nm.
- Mounting:** radial, axial or linear.



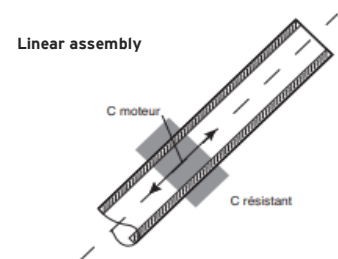
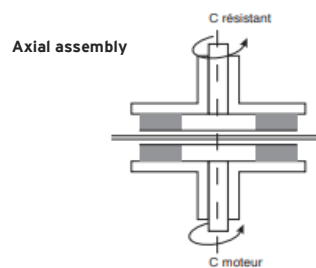
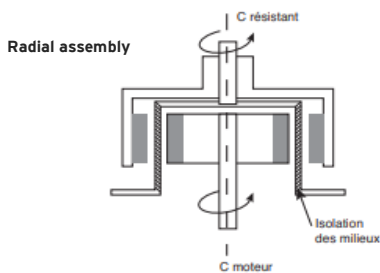
HYSTERESIS

It is used to create a constant torque, as a torque limiter without stalling (slip of the stator in relation to the rotor at the desired torque).

- Torque:** 0,1 à 15 Nm depending on existing tooling.
- Mounting:** radial, axial or linear.



INSTALLATION DIAGRAMS



MAGNETIC SYSTEMS

Whether it is for fixing, attracting or transporting ferromagnetic parts, we can design and build systems specific to your needs.

