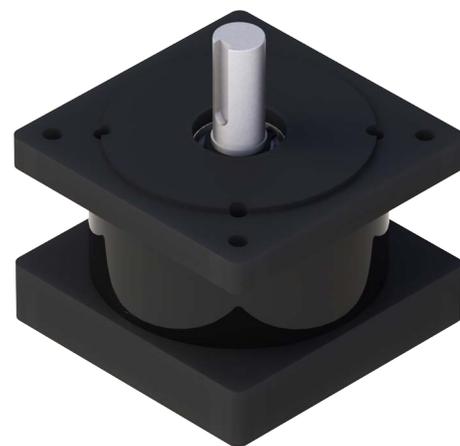


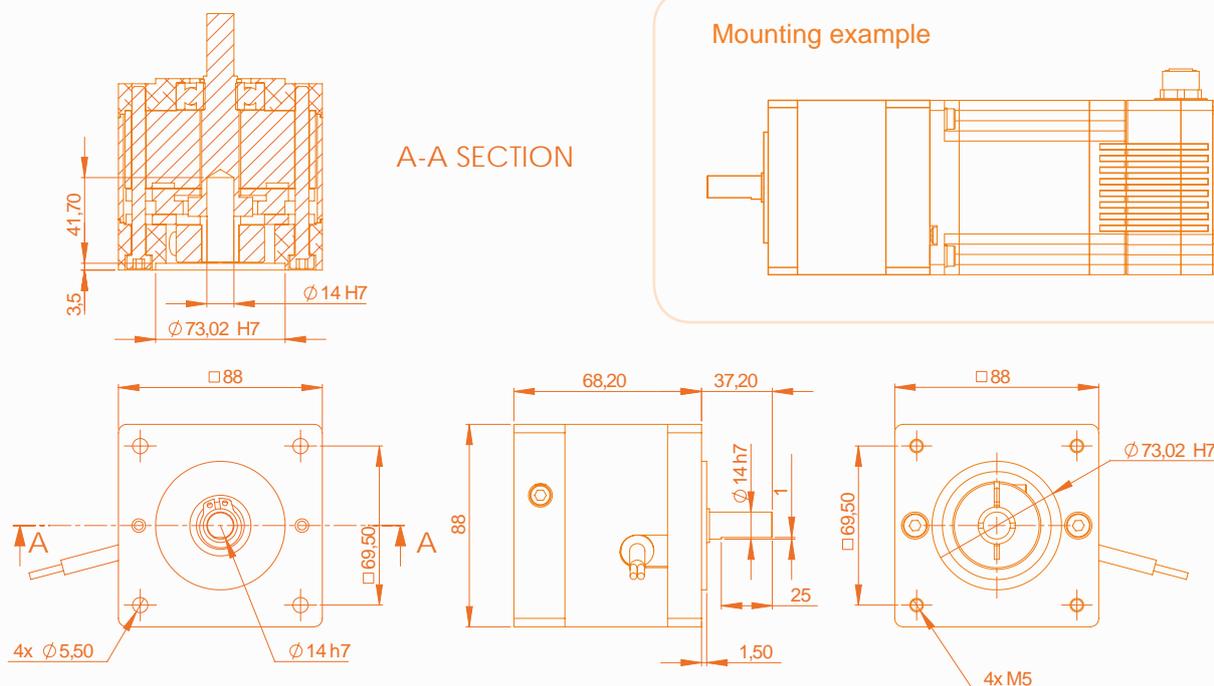
NEMA34 electro-magnetic brake

The EB34 is a negative single disc electromagnetic brake, closed by a spring mechanism and equipped with NEMA 34 flange for an easy and quick mounting. It is used for a dry run as an holding or security brake.

Characteristics		U.M.	EB34
Braking torque		Nm	3,0
Max output torque (Nm)		Nm	13
Max axial force (Fa)		N	10
Max radial force (Fr)		N	10
Tripping time	Insertion	ms	17
	Disinsertion	ms	35
Maximum speed		RPM	3000
Inertia		gcm ²	70
Operating temperature range		°C	-10 .. +90
Ambient temperature range		°C	-10 .. +50
Humidity range (no condensation)		%HR	95% or less
Weight		g	1850
Supply		V _{dc}	24
Power		W	24



Mechanical dimensions



CAUTION:
the EB34 is an holding brake.
It must be activated only when
the motor is already stopped.

CAUTION: When the voltage to the coil is switched off, some overvoltages may be generated and may result in damages to other electronic devices.

ALWAYS apply a freewheeling diode (1N4007 or similar) between the +24Vdc voltage and the common.

