

Presentation

High performance synchronous gear motor composed of a separate motor housing with 2 rotation speeds of 1.000 and 750 rpm and a reducer.

The reducer housing is robust and compact, designed for both metallic and plastic gear trains. The reducer has been designed with optional components in mind, such as micro switches, and the possibility to have the transmission shaft on the motor side or on the reducer side.

This type of gear motor is unique in its kind and combines extreme compactness with exceptional static torque.

The 981 motor represents yet another confirmation of METEOR's design capability that has allowed METEOR to distinguish itself, in these years, as an ideal partner for the design and the offering of functional solutions that adapt to every particular application requirement.

The 981 gear motor is utilized in heterogeneous sectors such as professional BBQ, automatic distribution, industrial and hobby.



Gear Motor performance:

Voltage		110-120/220-240 Vac				230 Vac		120 Vac
Frequency		50Hz	60Hz	50Hz	50Hz	60Hz
RPM		Torque (N cm 20°C)		Torque (N cm 20°C)		Torque (N cm 20°C)		Torque (N cm 20°C)
1,5 (50Hz)	1,8 (60-Hz)	490	480	470				1,8
2 (50Hz)	2,4 (60-Hz)					590		490
Operating Temperature		125°				125°		150°
Approvals		IMQ - VDE				IMQ		UL
Insulation Class		H				H		H
Cos Fi		0,62	0,71			0,47		0,53
Coil diameter (mm)		0,112		0,1		0,1		0,112
Resistance		950 +/-5% ohm		2500 +/-5% ohm		3000 +/-5% ohm		960 +/-5% ohm
Pole		4				3		4
Power input		12W				12W		12W



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