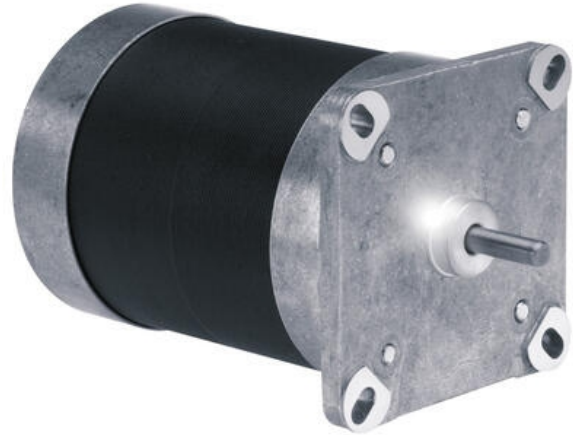


## ROTEK - ROBASE AC MOTOR

ROBASE 36.0

1~24Vac, 50/60Hz, 6-pole, 1000/1200rpm, 7.5/6.5Ncm

- 1→3 phase, 24V→400Vac, 50/60Hz, 8→31W, 5→28Ncm, 1000→1800rpm
- 65mm Ø
- Constant speed under varying load
- Short start-up and stopping times
- Excellent self-holding torque



### PRODUCT DESCRIPTION

COMPACT MOTORS FOR DEMANDING APPLICATIONS

ROBASE - Versatile and self-holding

As classical synchronous motors equipped with prominent stator teeth and ferrite magnets, they possess excellent self-holding torque and offer impressive service lives. First-class materials and precision finishing – the ROBASE motor range gives you convincing, in-depth quality and long life. A special permanent magnet rotor ensures maximum efficiency: a combination of excellent technical characteristics, lower power consumption and compact construction.

The speed depends only on the mains frequency, and is not influenced by voltage or load fluctuations. This constant speed is a big advantage in applications where a constant volume flow is desirable, or where a defined distance has to be covered within a specific time, such as conveying.

When the motor is switched off, the magnetic rotor immediately stops and keeps its position in the stator. This self-holding torque can replace a brake in many applications. Due to extremely short start-up/stop delays (50-100 ms), our motors are perfect for cyclical operations, such as labelling & dosing.

### TECHNICAL DATA

Capacitor	42 µF
Current	750/780 mA
Diameter	65 mm
Frequency	50/60 Hz
Input	18/19 VA
Insulation class	F 155°C
IP class	IP40, IP55
Output	8 W
Rated torque	7.5/6.5 Ncm
Shaft diameter	5 mm
Speed	1000/1200 rpm
Supply voltage	0.075 V DC
Supply voltage options	24 V AC

**PLANETARY GEARS**  
 max. 3 – 50 Nm  
 i = 4:1 – 508:1  
 output shaft Ø = 14 mm  
 for motors up to 100 W  
 >> more

**WORM GEARS**  
 max. 5 – 12 Nm  
 i = 25:1 – 105:1  
 axle spacing 31 mm  
 for motors up to 50 W  
 >> more

**SPUR GEARS**  
 max. 9 – 13 Nm  
 i = 5:1 – 133:1  
 output shaft Ø = 12 mm  
 for motors up to 50 W  
 >> more

**FLAT GEARS**  
 max. 10 – 27 Nm  
 i = 50:1 – 1556:1  
 output shaft Ø = 15 mm  
 for motors 25 – 50 W  
 >> more



**ONE TECHNOLOGY  
 BOUNDLESS POSSIBILITIES**



**PLANETARY**  
 low noise outputs  
 conventional shafts  
 conventional shafts  
 conventional bearings  
 hollow shafts

**WORM**  
 special winding  
 precision shafts (PTC)  
 special production  
 special shaft set

**SPUR/FLAT**  
 ring shaft  
 shafts  
 shafts  
 shafts  
 special bearings

**\*\*\*\*\***  
 precision  
 shafts  
 shafts  
 shafts  
 mounting brackets

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