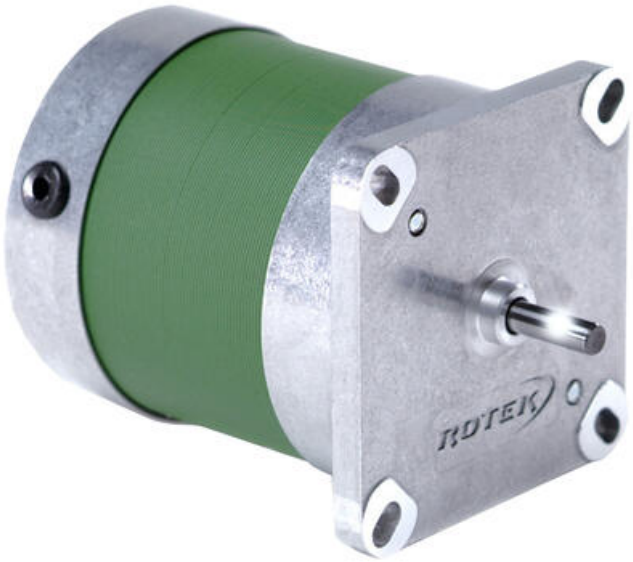
OEM Automatic Ltd
Address: Whiteacres, Whetstone Leicester, LE8 6ZG
0116 284 9900 | Orders@oem.co.uk | www.oem.co.uk

ROTEK - ROSYNC AC MOTOR

ROSYNC 44.0
1~24Vac, 50/60Hz, 1500/1800rpm, 13.0/12.0Ncm



- 1→3 phase, 24V→400Vac, 50/60Hz, 20→85W, 12→54Ncm, 1500→1800rpm
- 65mm Ø
- Constant speed
- Short start-up and stopping times
- Extremely compact and efficient (up to 90%)

PRODUCT DESCRIPTION

COMPACT MOTORS FOR DEMANDING APPLICATIONS
ROSYNC - Extremely compact and efficient

ROSYNC motors offer maximum performance coupled with low power consumption. The secret of their great efficiency lies in the GreenDrive Technology they employ. The patented stator geometry and ultra-modern magnetic materials used ensure outstanding efficiency.
> as a single-phase AC motor up to 75%
> as a three-phase AC motor up to more than 90%
These properties are particularly important where long running periods are required, for instance in conveyor belts. The high performance-to-size ratio makes them ideal for use where space is limited.
ROSYNC motors meet today's demands for efficient use of energy and won the regional environment award. In comparison with conventional single-phase synchronous motors they offer up to 40% more output power. As a three-phase motor they even offer up to 3 times more performance for the same size. This translates as maximum performance and efficiency for an astonishingly good price. 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.

TECHNICAL DATA

Capacitor	120 µF
Current	1250/1300 mA
Diameter	65 mm
Frequency	50/60 Hz
Input	30/31 VA
Insulation class	F 155°C
IP class	IP40, IP55
Output	20/22 W
Rated torque	13/12 Ncm

Shaft diameter	5 mm
Speed	1500/1800 rpm
Supply voltage	0.13 V DC
Supply voltage options	24 V AC