

# Single direction synchronous geared motors

→ 5 Nm 3.5 Watts

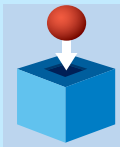
- Mechanical strength : 5 Nm
- Constant speed, dependent on supply frequency
- Speeds from 0.24 rpm to 24 rpm
- Direction of rotation controlled by long-life mechanical anti-return
- Permanent magnet rotor
- UL, CSA, VDE approved, comply with IEC standards



## Specifications

			3.5 Watts	3.5 Watts
Type			80 337 5	80 337 5
Voltage / Frequency			230 V 50 Hz	240 V 50 Hz
Direction of rotation	Output speed	Ratios		
Anti-clockwise	24 rpm	25	80 337 506	80 337 524
Anti-clockwise	14.40 rpm	41.66	80 337 509	80 337 534
Anti-clockwise	9.60 rpm	62.5	●	●
Anti-clockwise	7.20 rpm	83.33	●	●
Anti-clockwise	4.80 rpm	125	80 337 514	80 337 528
Anti-clockwise	2.40 rpm	250	80 337 516	80 337 529
Anti-clockwise	1.20 rpm	500	80 337 519	80 337 539
Anti-clockwise	0.80 rpm	750	●	●
Anti-clockwise	0.24 rpm	2500	80 337 523	80 337 541
Clockwise	24 rpm	25	80 337 507	80 337 533
Clockwise	14.40 rpm	41.66	80 337 508	80 337 525
Clockwise	9.60 rpm	62.5	●	●
Clockwise	7.20 rpm	83.33	●	●
Clockwise	4.80 rpm	125	80 337 515	80 337 537
Clockwise	2.40 rpm	250	80 337 517	80 337 538
Clockwise	1.20 rpm	500	80 337 518	80 337 530
Clockwise	0.80 rpm	750	●	●
Clockwise	0.24 rpm	2500	80 337 522	80 337 532
General characteristics				
Motor			82 330 5	82 330 5
Gearbox			81 037 0	81 037 0
Maximum permitted continuous-rated gearbox output torque over 1 million revolutions (N.m)			5	5
Radial load static (daN)			2	2
Axial load static (daN)			3	3
Absorbed power (W)			3.5	3.5
Motor output (W)			0.42	0.42
Maximum temperature rise (°C)			55	55
Ambient temperature (°C)			-5 → +60	-5 → +60
Weight (g)			480	480
Wires length mm (approximately)			250	250
Protection rating			IP40	IP40

## Product adaptations



- Special supply voltages
- Special cable lengths
- Special connectors
- Special output shafts
- Special gearbox ratios
- Special gear wheel material
- Special output bearings
- Special mounting plate

