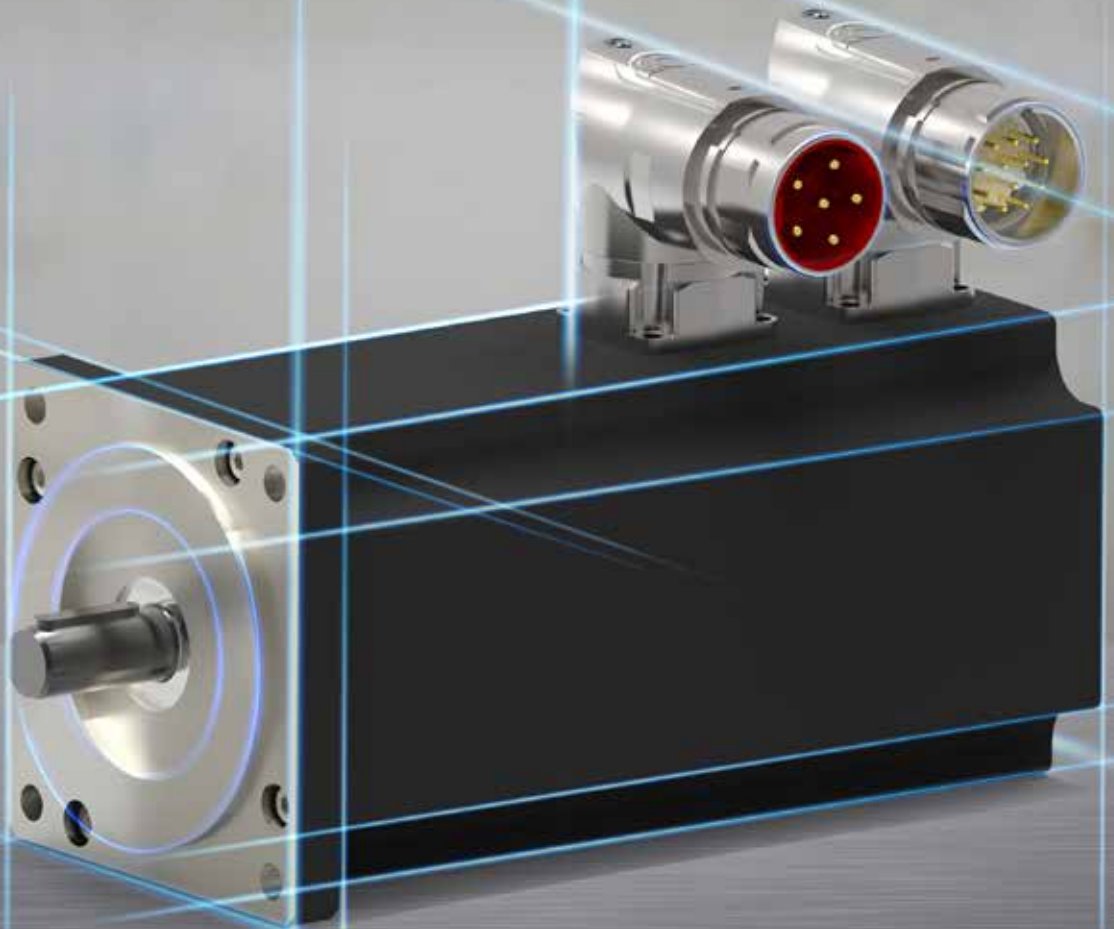


SYNCHRONOUS SERVO MOTORS

# SYNC TO ADVANCED TECHNOLOGY



wat.com.tr

## FEATURES

- Compact design with high power density
- Superior efficiency thanks to surface mount rare earth magnets
- High dynamics and acceleration performance
- Wide range options for position/angle transducers and brakes
- Best for robotics, positioning, packaging and handling system applications

## TECHNICAL DATA

- Power range up to 3 kW
- Torque range up to 28.5 Nm
- Max. speed up to 6000 rpm
- IP65 housing / IP54 shaft protection
- Self-ventilation cooling
- Resolver or encoder based position/angle feedback
- 230/400V AC Voltage Supply



## 400V AC Input Voltage

Type	Rated Torque Mn [Nm]	Rated Current In [A]	Rated Speed n [rpm]	Rated Power Pn [kW]	Max Torque Mmax [Nm]	Max Current Imax [A]	Max Speed nmax [rpm]	Torque Constant kT [Nm/A]	Voltage Constant kE [V/krpm]	Moment of Inertia J [kgcm <sup>2</sup> ]	Weight m [kg]
ISM - 400230	0.64	1.0	3000	0.20	1.7	2.5	6000	0.61	46.5	0.2	1.5
ISM - 400430	1.26	1.1	3000	0.40	3.0	2.6	6000	1.12	82.5	0.6	2.4
ISM - 400730	2.37	1.9	3000	0.75	6.2	4.7	5000	1.23	79.0	0.9	3.5
ISM - 401030	3.20	4.2	3000	1.00	9.3	12.4	5000	0.76	30.0	2.7	4.4
ISM - 402030	6.35	7.1	3000	2.00	18.9	21.1	5000	0.90	35.2	4.5	6.3
ISM - 403030	9.52	9.8	3000	3.00	28.5	30.0	4500	0.96	38.1	12.6	7.9

Specifications are subject to change without notice. It is the responsibility of the product user to determine the suitability of this product for a specific application. All trade marks are the property of their respective owners.