



High power AC servo motor EMB-75 series are used in machine tools, handling machines, foodstuff processing or textile machines. The motors are equipped with 17-bit absolute encoder or resolver. Models with holding brake are available. It is recommended to use newer servo motor model EM3G-75.

These powerful series motors are suitable for high torque applications with demands on precision and dynamic motion.

Technical data

Output power	7500 W
Rated speed	1500 rpm
Maximum speed	2000 rpm
Rated torque	47.8 Nm
Maximum torque	143.4 Nm
Rated current	18 A
Maximum current	56 A

Technical data

Motor inertia (motor without brake)	186.2 kg*cm ²
Motor inertia (motor with brake)	193.6 kg*cm ²
Optional brake holding torque	≥100 Nm
Optional brake voltage	24 VDC
Weight (motor without brake)	43.8 kg
Weight (motor with brake)	49.8 kg
Flange	220 mm

Speed-torque curves



