



High power AC servo motor EMB-2B 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.

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

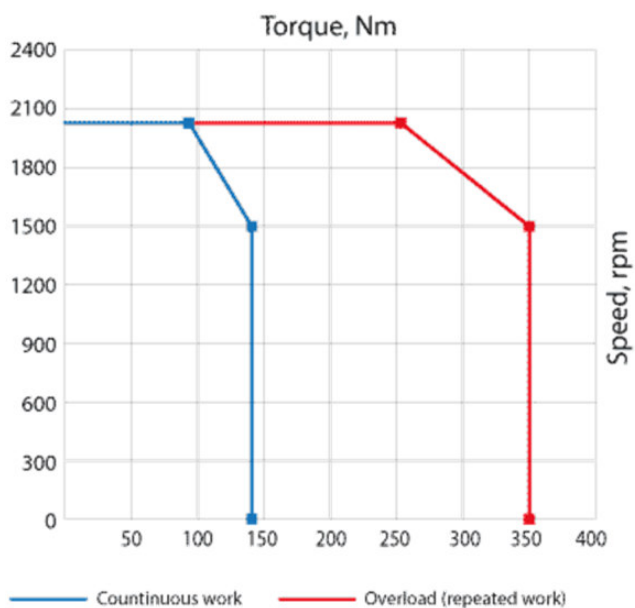
Technical data

Output power	22000 W
Rated speed	1500 rpm
Maximum speed	2000 rpm
Rated torque	140 Nm
Maximum torque	350 Nm
Rated current	52 A

Technical data

Maximum current	130 A
Motor inertia (motor without brake)	576.6 kg*cm ²
Motor inertia (motor with brake)	601.6 kg*cm ²
Optional brake holding torque	≥150 Nm
Optional brake voltage	24 VDC
Flange	280 mm

Speed-torque curves



Available motor models

Motor model	Encoder	Brake	Servo drive	Input drive supply voltage
EMB-2BDSC22	absolute optic encoder, resolution 17-bit (131 072 ppr)	-	PRONET-2BDMA PRONET-2BDMG	Three phase AC 380V...440V
EMB-2BDSC24		✓		
EMB-2BDRC22	Resolver	-	PRONET-2BDMB	

Dimensions of AC servo motor EMB-2B

