



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.

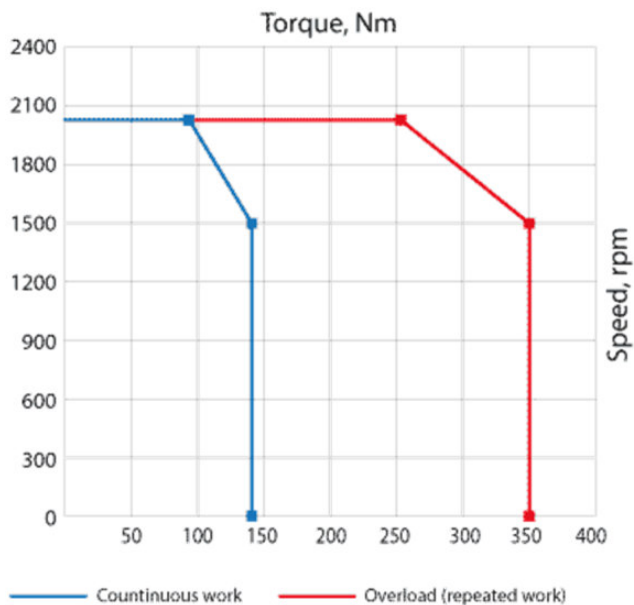
## Technical data

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 <sup>2</sup>
Motor inertia (motor with brake)	601.6 kg*cm <sup>2</sup>
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

