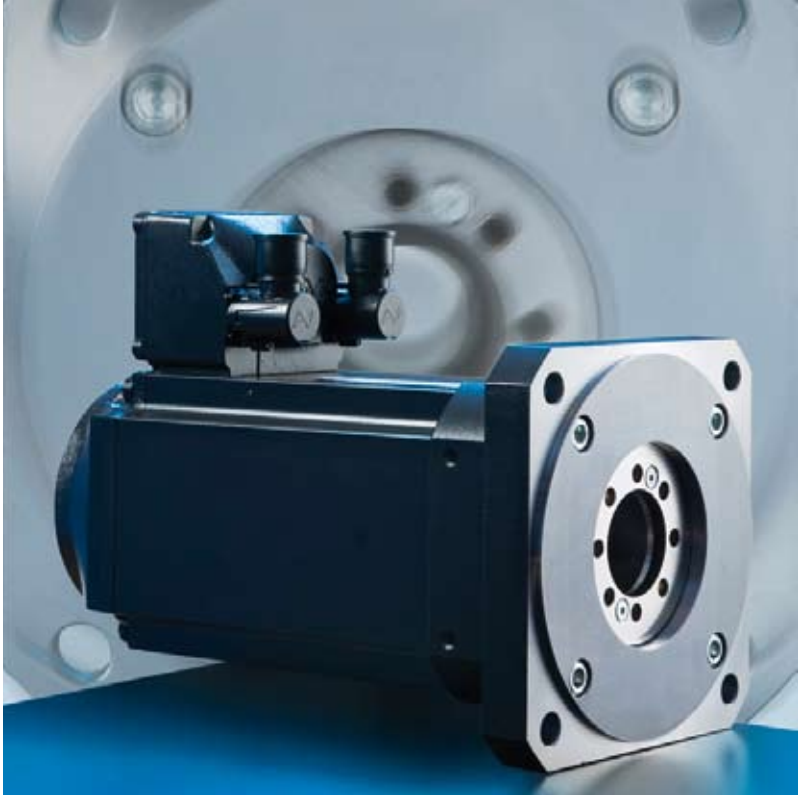


Hollow-shaft motors

SPINDASYN
SKT7-28-20-xBO

Features

- Convection cooled
- With continuous shaft
- Absolute encoder, also multiturn encoder
- With brake

Applications

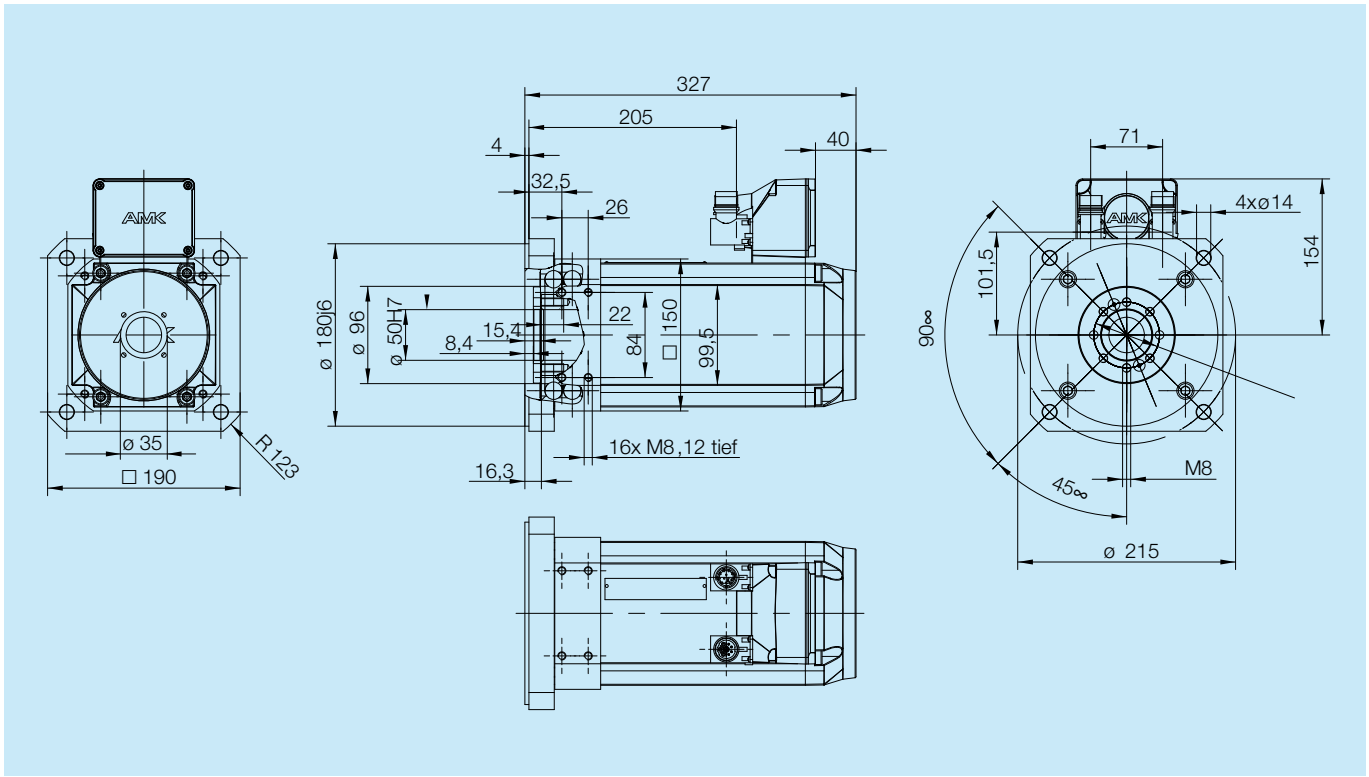
Our SPINDASYN hollow-shaft motor series permits the mounting of various ball or planetary roll spindles. The integrated bearings are designed for high axial forces and feature great rigidity and zero backlash. Featuring these constructive advantages, the motors are predestined for applications in the entire field of the plastics industry. Thus for example the 'eject' or 'close tool' functions can be carried out very precisely electrically and dynamically.

AMK
Control your Motion.

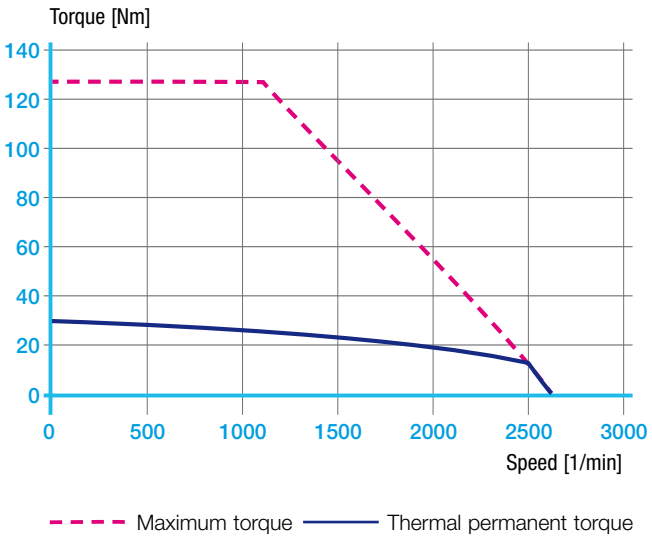
Technical data

	Standstill data		Rated values					Maximum data		Mechanical data					Axial forces	
	M_0 [Nm]	I_0 [A]	M_N [Nm]	P_N [kW]	I_N [A]	n_N [1/min]	k_T [Nm/A]	M_{max} [Nm]	I_{max} [A]	n_{max} [1/min]	J [kgcm²]	L [mm]	m [kg]	s [mm]	F_{max_stat} [kN]	F_{max_dyn} [kN]
Convection cooled																
SKT7-28-20-xBO-2500-B5	32	15.2	19	4	9	2000	2.1	130	75	4000	123.3	327	30	freely	48	20

Explanation of characteristics: **M_0** Permanent static torque · **I_0** Permanent standstill current · **M_N** Permanent torque · **P_N** Rated output · **I_N** Rated current **n_N** Rated speed · **k_T** Rated constant · **M_{max}** Maximum torque · **I_{max}** Maximum current · **n_{max}** Maximum speed · **J** Inertia · **L** Overall length **m** Weight · **s** Traverse path · **F_{max_stat}** Maximum static bearing load · **F_{max_dyn}** Maximum dynamic bearing load



Characteristic



Bearing service life (L10)