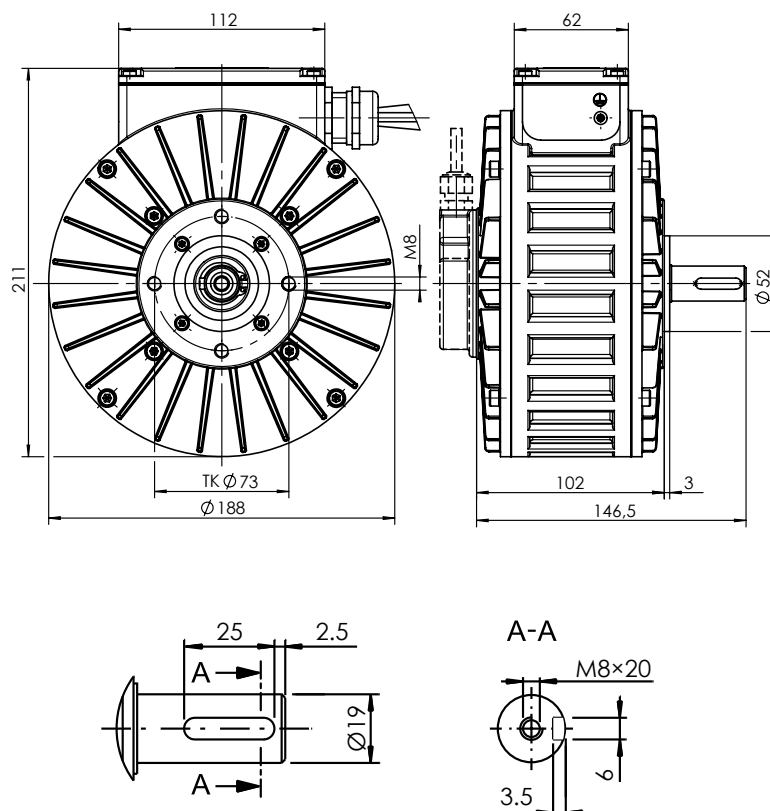


PMS 100

The PMS 100 motor is a variant of the double-sided stator series offering above-average torque with comparatively low overall height.



DIMENSIONS



Standard motor feedback: sin/cos

TECHNICAL DATA

	Rated speed	Rated power	Rated current	Rated load torque	Torque constant	Voltage constant	Max. power	Max. current	Max. load torque
Voltage	n rpm	P_N kW	I_N A (AC)	M_N Nm	K_t Nm/A	K_e V/1000 rpm	P_{max} kW	I_{max} A	M_{max} Nm
24 VDC	3000	1.40	69	4.46	0.07	4.3	4.2	320	20
	4500	1.68	83	3.57	0.04	2.9	3.7	370	16
	6000	1.40	71	2.23	0.03	2.2	4.4	460	14
48 VDC	3000	2.30	60	7.32	0.12	8.1	5.0	170	20
	4500	2.60	65	5.52	0.09	5.7	7.1	240	20
	6000	2.70	67	4.30	0.09	4.3	6.7	320	20

► Cooling: External ventilation ► $m = 7.2 \text{ kg}$ ► $J = 9.6 \text{ kg} \cdot \text{cm}^2$ ► Max. permissible load = 6/60 sec ► Operating mode = S1