

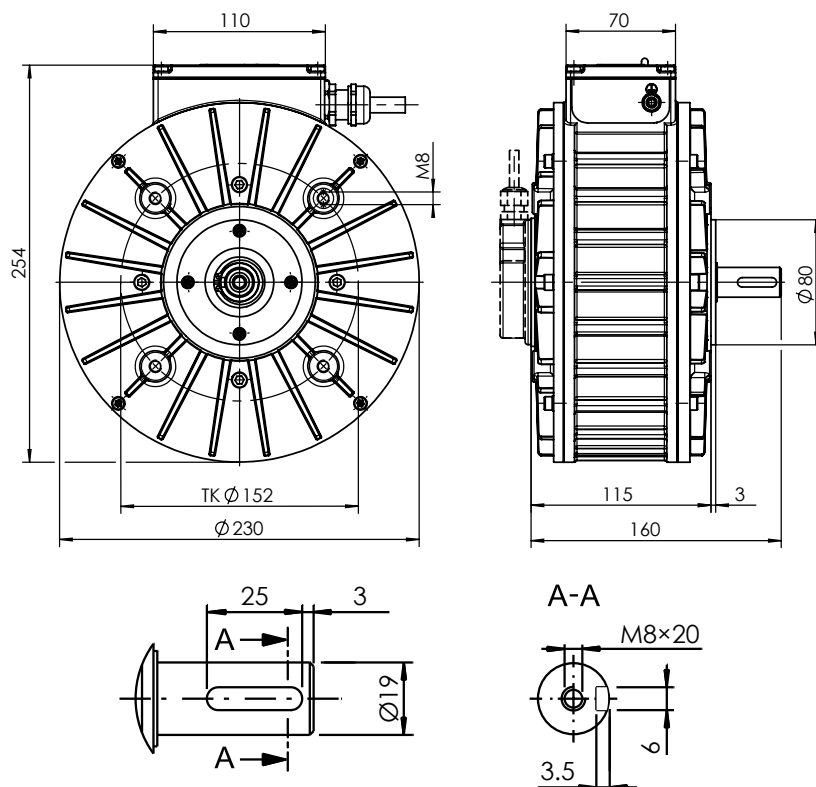
Series of PMS Motors

PMS 120

The PMS 120 is a particularly powerful motor from the series with two stators.



DIMENSIONS



Standard motor feedback: sin/cos
Standard motor feedback >100 VDC: Resolver

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
48 VDC	3000	5.5	127	17.50	0.138	8.84	11.1	330	45
	4500	6.0	134	12.70	0.095	6.03	16.9	480	45
	6000	6.0	137	9.50	0.070	4.44	18.5	650	45
96 VDC	3000	6.4	74	20.40	0.277	17.70	11.3	170	45
	4500	7.5	84	15.90	0.190	12.10	17.3	240	45
	6000	8.0	94	12.70	0.136	8.63	20.8	340	45
330 VDC	3000	6.0	21	19.10	0.904	57.80	12.1	50	45
	4500	7.5	25	15.90	0.639	40.60	16.3	71	45
	6000	7.5	25	11.90	0.480	30.50	19.0	94	45
560 VDC	3000	6.0	12	19.10	1.560	100.00	11.9	29	45
	4500	7.5	14	15.90	1.110	70.70	17.2	41	45
	6000	7.5	15	11.90	0.818	52.00	18.8	55	45