

MINIMOTOR - AMSS - STAINLESS STEEL SERVO MOTOR

AMSS 55/50
230V 3000rpm 0.3 Nm

- Stainless steel IP69K construction
- Fitted with 2.5m cables
- Up to 2.35Nm rated torque
- Models with gearbox fitted available - see related products



PRODUCT DESCRIPTION

Motor only

Stainless steel brushless servomotor, AMSS series compliant with EHEDguidelines for hygiene.
4-pole sinusoidal brushless motor, closed form in stainless steel with smooth finish.

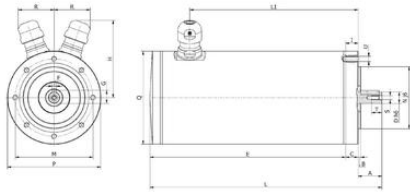
Rotor with NdFeB magnets. Thermal cutoff. ClassH insulation winding.
IP69K protection in compliance with IEC/EN60529 standards.

2-Pole resolver feedback.
Roller bearings with reduced backlash and special grease for high temperatures.

[Please click here for 2D and 3D drawings](#)

TECHNICAL DATA

Input voltage ac	230V 50Hz
IP class	IP69K
Nominal speed	3000 rpm
Nominal torque	0,3 Nm
Output power	94 W
Rated current	0,67 A
Starting torque	1,5 Nm



Type	A	B	C	D	E	F	G	H	I	L	L1	M	N	P	Q	R	S	T	U	Peak Output Power (kW)
AMS0000	23	2,5	12	11	184	4	12,5	47,5	8	219	157,5	75	60	90	68	33,5	MM	10	MS	4,04
AMS0000	33	2,5	12	11	189	4	12,5	60,5	12	224	162,5	75	60	90	90	33,5	MM	10	MS	6,30
AMS00100	23	2,5	12	11	239	4	12,5	60,5	12	274	212,5	75	60	90	90	33,5	MM	10	MS	8,30
AMS0104M	40	3	16	19	242	6	21,5	76	14	298	219,5	100	80	120	120	33,5	MS	16	MS	11,40

3D model selection



Electric motor
VLSL2017



Inverted motor
VLSL2017



Worm gearmotors
VLSL2017



Brushless servomotors
VLSL2017



Clean products
VLSL2017



Other

Please see product description above for 2D and 3D drawings