



MINIMOTOR - AMSS - STAINLESS STEEL SERVO MOTOR

AMSS 80/100
230V 3000rpm 1.1 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.

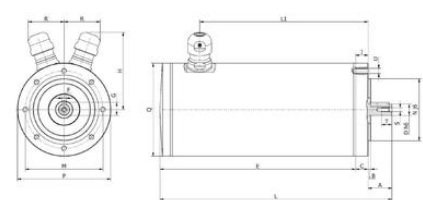
Rotor with NdFeB magnets. Thermal cutoff. ClassH insulation winding.
IP69K protection in compliance with IEC/EN60529 standards.

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	1,1 Nm
Output power	345 W
Rated current	2,63 A
Starting torque	6,9 Nm



Typical Dimensions	A	B	C	D	E	F	G	H	I	L	L1	M	N	P	Q	R	S	T	U	Press Mounting Height mm kg
AM500000	23	2,5	12	11	184	4	12,5	47,5	8	219	127,5	75	60	90	68	33,5	MM	10	MS	4,04
AM500000	23	2,5	12	11	189	4	12,5	48,5	12	224	132,5	75	60	90	90	33,5	MM	10	MS	6,30
AM5000100	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
AM50104M	40	3	16	19	242	6	21,5	76	14	298	219,5	100	80	120	120	33,5	MM	16	M6	11,40

Electric motors

Variable motor

Worm gearmotors

Brushless servomotors

Clean products

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