

## MINIMOTOR - AMSS - STAINLESS STEEL SERVO MOTOR

AMSS 80/50  
230V 3000rpm 0.58 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 EHED guidelines 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.

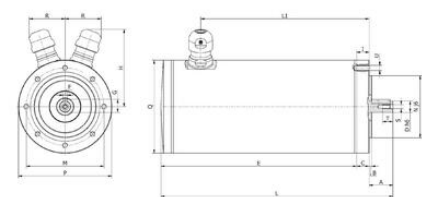
2-Pole resolver feedback.  
Roller bearings with reduced backlash and special grease for high temperatures.

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

### TECHNICAL DATA

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<b>Input voltage ac</b>	230V 50Hz
<b>IP class</b>	IP69K
<b>Nominal speed</b>	3000 rpm
<b>Nominal torque</b>	0.58
<b>Output power</b>	180 W
<b>Rated current</b>	1.48 A
<b>Starting torque</b>	3.6



Type	A	B	C	D	E	F	G	H	I	L	L1	M	N	P	Q	R	S	T	U	Press Mounting Flange mm kg
AM800000	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
AM800000	23	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
AM800000	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
AM80104M	40	3	16	19	242	6	21.5	76	14	298	219.5	100	80	120	120	33.5	MM	16	MS	11,40

CMC model selection

Electric motor  
15.06.2017

Gear motor  
15.06.2017

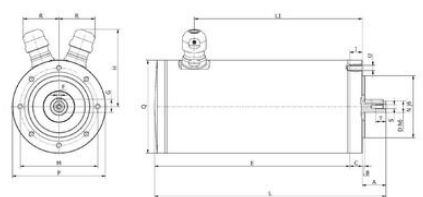
Worm gear motors  
15.06.2017

Brushless sensor motors  
15.06.2017

Clean products  
15.06.2017

Drives  
15.06.2017

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



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