



# MINIMOTOR - AMSSE90 STAINLESS STEEL MOTOR WITH PLANETARY GEAR BOX

AMSSE90 80/50-600

- IP69K sealing
- Full stainless steel outer parts
- Up to 51.2Nm rated torque
- Brushless AC with resolver feedback



## PRODUCT DESCRIPTION

### MOTOR:

Brushless three-phase 4-pole motor, totally enclosed. Rotor with NdFeB magnets. Thermal cutoff. Winding Class H. Protection IP69K in compliance with IEC/EN 60529 standards. 2-Pole resolver feedback. Bearings with reduced backlash with special grease and high-temperature rubber seal rings. Easy and quick to clean thanks to the smooth surface design. Power 740 W.

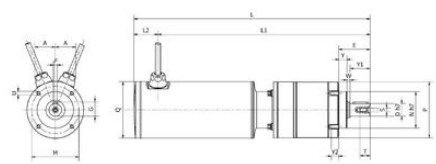
### GEAR UNIT:

Planetary with stainless steel gearcase. Seal rings in special high-temperature rubber. Lubrication with special long-lasting oil for use with foodstuffs (H1). There are 4 available gear ratios with 1 or 2 stages (i), from 5 to 80. Rated torque up to 51.20 Nm.

Designed as per EHEDG hygiene guidelines requirements.  
ALWAYS specify application environment

## TECHNICAL DATA

Input voltage ac	230V 50Hz
IP class	IP69K
Nominal speed	600 rpm
Nominal torque	2,61 Nm



AMSSE 90																				
Type Type Type	A	D	E	F	G	L	L1	L2	M	N	P	Q	S	T	U	W	Y	Y1	Y2	Preset torque Nm
80/90 1 STAD20	34	20	50	6	22.5	376	337	39	79	58	89	90	M8	16	M6	6	13	32	12	9.8
80/90 2 STAD20	34	20	50	6	22.5	396	357	39	79	58	89	90	M8	16	M6	6	13	32	12	10.5
80/100 1 STAD20	34	20	50	6	22.5	426	387	39	75	58	89	90	M8	16	M6	6	13	32	12	11.8
80/100 2 STAD20	34	20	50	6	22.5	446	407	39	75	58	89	90	M8	16	M6	6	13	32	12	12.5

AMSSE motor



AMSSE motor

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Inverted motor

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Worm gear motor

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Brushless servomotor

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Clean product

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AMSSE motor

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