

## 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:

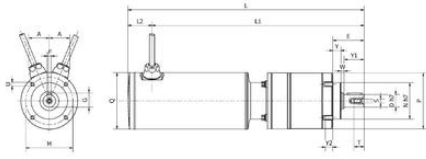
Planetary with stainless steel gearcase. Seal rings in special high-temperature rubber. Lubrication with special long-lasting oil for use with foodstuffs (H1). There are 4 available gear ratios with 1 or 2 stages (i), from 5 to 80. Rated torque up to 51.20 Nm.

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	A	D	E	F	G	L	L1	L2	M	N	P	Q	S	T	U	W	Y1	Y2	Phase	Rated
Type																				Power
Type																				Factor
80/90 1 STAD20	34	20	50	6	22.5	376	337	39	75	58	89	90	M6	16	M6	6	13	32	12	9.8
80/90 2 STAD2	34	20	50	6	22.5	396	357	39	75	58	89	90	M6	16	M6	6	13	32	12	10.5
80/100 1 STAD2	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 STAD2	34	20	50	6	22.5	446	407	39	75	58	89	90	M8	16	M6	6	13	32	12	12.5

3D model selection

Inductive motor  
15.06.2017

Inverted motor  
15.06.2017

Worm gearmotor  
15.06.2017

Brushless servomotors  
15.06.2017

Clean products  
15.06.2017

Direct  
15.06.2017

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