



MINIMOTOR - AMSSE90 STAINLESS STEEL MOTOR WITH PLANETARY GEAR BOX

AMSSE90 80/50-428

- 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.

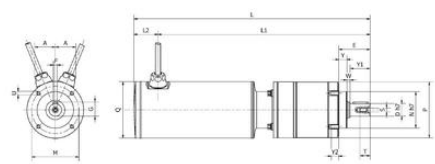
GEAR UNIT:

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	428 rpm
Nominal torque	3,94 Nm



AMSSE 90

Type	A	D	E	F	G	L	L1	L2	M	N	P	Q	S	T	U	W	Y	Y1	Y2	Power rated P _{rated} [W]
80/90 1 STAD20	34	20	50	6	22,5	376	337	39	79	58	89	90	M8	16	M6	6	13	32	12	9,9
80/90 2 STAD20	34	20	50	6	22,5	396	357	39	76	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



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15.06.2017



Isolated motor

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Worm gearmotor

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Brushless servomotor

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Clean product

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