

MINIMOTOR - PCFSS STAINLESS STEEL WORM GEAR MOTOR

PCFSS 80/50-429
230V 429rpm 3.4 Nm

- IP69K sealing
- Full stainless steel outer parts
- Up to 18Nm rated torque
- Brushless AC with resolver feedback



PRODUCT DESCRIPTION

Motor: 4 pole sinusoidal brushless, featuring NdFeB rare earth magnets and sealed in stainless steel housing.

Thermal protection, Class H winding and IP69K protection according to IEC/EN 60529 standards.

2 pole resolver for feedback. Roller bearings with reduced backlash for smoother operation and high temperature grease.

Gear unit: Stainless steel body, bronze crown gear. Tempered steel screw rotating on spherical ball bearings and lubricated with NSF-H1 oil for a long life.

Rated torque 80Nm.

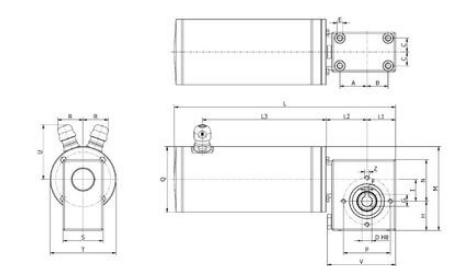
Designed as per EHEDG hygiene guidelines requirements

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

TECHNICAL DATA

Input voltage ac	230V
IP class	IP69K


Nominal speed	429 rpm
Nominal torque	3.4
Output power	180 W
Rated current	1.48 A
Ratio	7:1




Type Type Type Type	A	B	C	D	E	F	G	H	I	L	L1	L2
PCFSS5550	37	29	19	14	M8x11	5	16,3	40	30	297,5	39	55,5
PCFSS8050	37	29	19	14	M8x11	5	16,3	40	30	302,5	39	55,5


Type Type Type Type	L3	M	N	P	Q	R	S	T	U	V	Z	Press Mount Gears/ET Ratio No.
PCFSS5550	164,5	115	57	64	68	33,5	55	90	47,5	93	M8x7	6,80
PCFSS8050	169,5	115	57	64	90	33,5	55	90	60,5	93	M8x7	9,10


PCF model selection


 Electric motor
15.06.2017

 Geared motor
15.06.2017

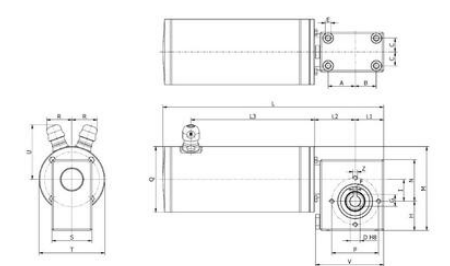
 Worm gearmotor
15.06.2017

 Brushless servomotor
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 Clean products
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 Controls
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