

## MOTOR DATA SHEET DS\_SPM\_05/22

### GENERAL CHARACTERISTICS

Frame size	IEC72-1	90
Type of construction	IEC34-7	B14
Weight [kg]		35.4
Moment of Inertia [10 <sup>-4</sup> kgm <sup>2</sup> ]	Jo	0.0107
Degree of protection	IEC34-5	IP69K
Direction of rotation	Both	
Method of cooling	IEC34-6	IC410
Duty	IEC34-1	S1
Insulation class	IEC34-1	F
Ambient temperature [°C]	-15/+40	
Dielectric Strength Test	IEC34-1 2kV 1 s	

### NAMEPLATE DATA and CONNECTION DIAGRAM

### PREMIUM MOTOR S.S.316L 3~ SPM71A4 IMB14

Ins.Cl.F Amb. max 40°C IC410 Duty S1 IP69K

DE 6206.2Z NDE 6206.2Z Weight 35.4 Kg

Hz 50 Δ/Y 230/400V Hz 60 Δ/Y 277/480V

1.5 kW 5.7 / 3.5 A 2 HP 5.1 / 3.0 A

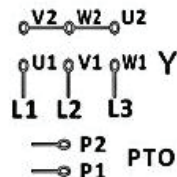
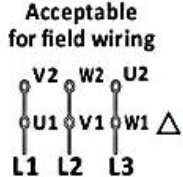
1475 min<sup>-1</sup> cosφ 0.74 1785 min<sup>-1</sup> PF. 68 %

EFF(100%) 88.5 % NEMA DES.- CODE K

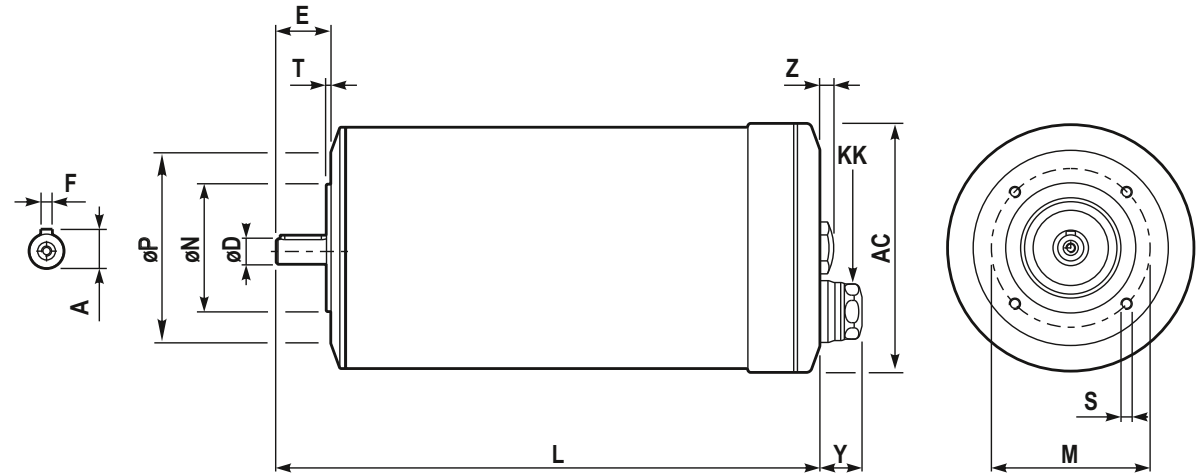
**INVERTER DUTY**

**PWM SPEED RANGE 2.5:1: CT / 10:1 VT**

Acceptable  
for field wiring



**INVERTER DUTY**  
**WASHDOWN**  
**HYGIENIC**  
**S.S. 316L**  
**IP69K**



### DIMENSIONS

AC	Ø 181	M	Ø 115
Y	22.5	ØN	Ø 95
L	372	ØP	Ø 140
ØD	24 j6 M8	T	3
E	50	n x S	4 M8 x 16
F	8	Z	7.4
A	27	KK <sup>(1)</sup>	M20x1.5 cable gland: clamping range Ø9-12 mm

### BEARINGS

DE	6206.2Z
NDE	6206.2Z

(1) Hygienic cablegland, EHEDG certified  
 Stainless steel, IP69K

### SPECIAL EXECUTION AND ACCESSORIES

	code
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