

## MOTOR DATA SHEET DS\_SPM\_04/24

Motor Designation  
**SPM 3 kW 2p 100**  
**SPMFKM2JTEN**



### GENERAL CHARACTERISTICS

Frame size		100
Type of construction		B14
Weight	[kg]	38.5
Moment of Inertia	[kgm <sup>2</sup> ]	0.0062
Degree of protection		IP69K
Direction of rotation		Both
Method of cooling		IC411
Duty		S1
Insulation class		F
Ambient temperature	[°C]	-15 /+40
Dielectric Strength Test		IEC34-1 2kV 1s

### NAMEPLATE DATA and CONNECTION DIAGRAM

#### PREMIUM MOTOR S.S.316L

#### SPM 100 IMB14

Ins.Cl.F Amb. max 40°C IC411 Duty S1 IP69K

DE 6206.2Z NDE 6206.2Z Weight 38.5 Kg

Hz 50 Δ/Y 230/400V Hz 60 Δ/Y 264/460V

3 kW 9.6 / 5.5 A 4 HP 8.3 / 4.8 A

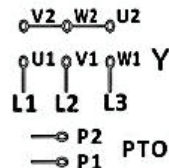
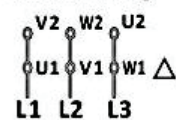
2910 min<sup>-1</sup> cosφ 0.85 3510 min<sup>-1</sup> PF. 82 %

EFF(100%) 87.1 % NEMA DES.- CODE K

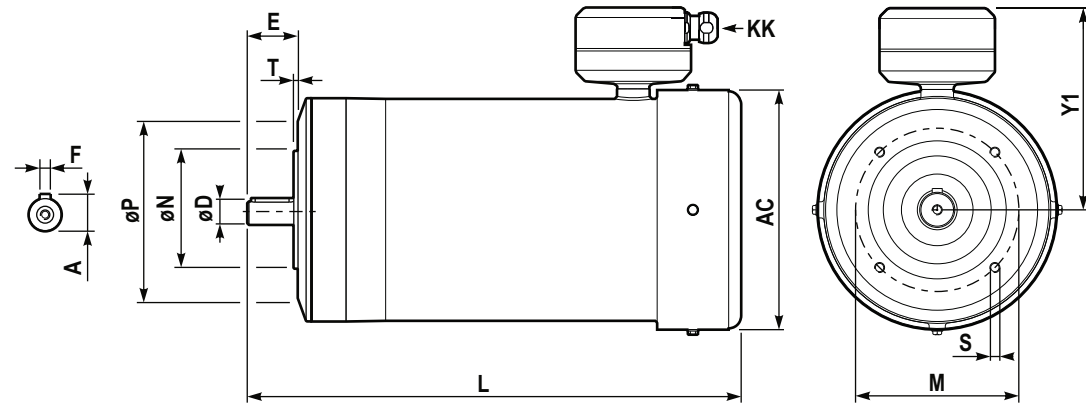
INVERTER DUTY

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

Acceptable  
for field wiring



INVERTER DUTY  
 WASHDOWN  
 HYGIENIC  
 S.S. 316L  
 IP69K



### DIMENSIONS

AC	191	M	130
Y1	163	ØN	110
L	410.5	ØP	160
ØD	28 j6	T	3.5
E	60	n x S	4 M8x16
F	8	KK <sup>(1)</sup>	M20x1.5
A	31		

### BEARINGS

DE	6206.2Z
NDE	6206.2Z

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

### SPECIAL EXECUTION AND ACCESSORIES

	code
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