

MOTOR DATA SHEET DS_SPM_05/24

Motor Designation
SPM 3 kW 2p 100LA
SPMFKM2PTEN



GENERAL CHARACTERISTICS

Frame size	100
Type of construction	B34
Weight [kg]	39.4
Moment of Inertia [kgm ²]	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 100LA IMB34

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

DE 6206.2Z NDE 6206.2Z Weight 39.4 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

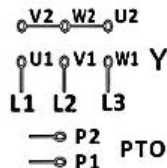
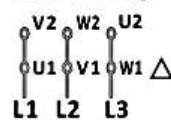
2910 min⁻¹ cosφ0.85 3510 min⁻¹ PF.82 %

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

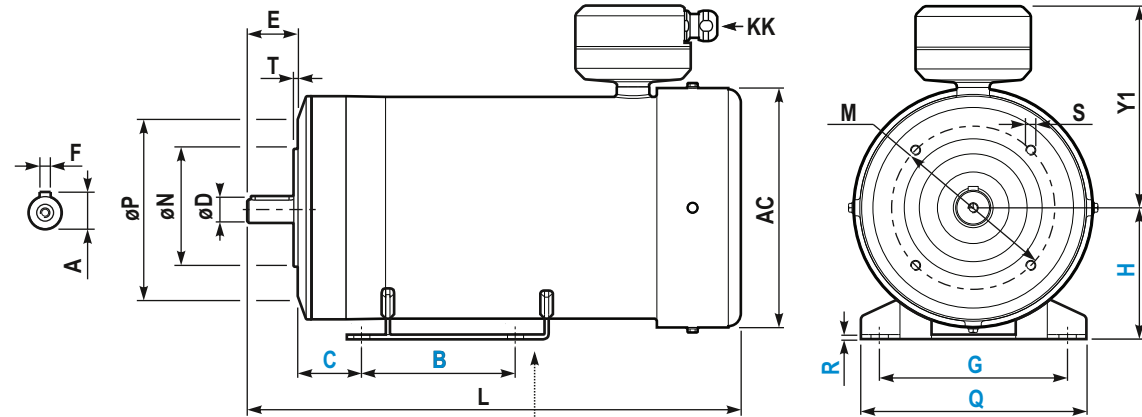
INVERTER DUTY

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

Acceptable for field wiring



INVERTER DUTY
 WASHDOWN
 HYGIENIC
 S.S. 316L
 IP69K

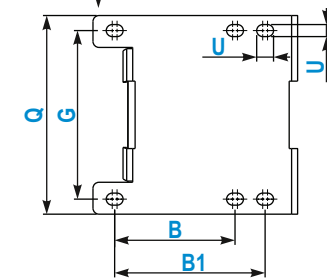


DIMENSIONS

AC	Ø 191	M	Ø 130
Y1	163	ØN	Ø 110 J6
L	410.5	ØP	160
ØD	28 j6 M8	T	3.5
E	60	n x S	4 M8X16
F	8	KK ⁽¹⁾	M20x1.5
A	31		

FOOT DIMENSIONS

B	100
B1	125
C	56
G	140
H	100
U	10x14
Q	165
R	4



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

SPECIAL EXECUTION AND ACCESSORIES

	code
-	
-	
-	
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BEARINGS

DE	6206.2Z
NDE	6206.2Z