



## MOTOR DATA SHEET DS\_SPM\_05/24

### GENERAL CHARACTERISTICS

Frame size	90
Type of construction	B34
Weight [kg]	33.3
Moment of Inertia [kgm <sup>2</sup> ]	0.0095
Degree of protection	IP69K
Direction of rotation	Both
Method of cooling	IC410
Duty	S1
Insulation class	F
Ambient temperature [°C]	-15 / +40
Dielectric Strength Test	2kV 1s

### NAMEPLATE DATA and CONNECTION DIAGRAM

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

#### SPM SPM90S4 IMB34

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

DE 6206.2Z NDE 6206.2Z Weight 33.3 Kg

Hz 50 Δ/Y 230/400V Hz 60 Δ/Y 264/460V

1.1 kW 4.2 / 2.5 A 1.5 HP 3.8 / 2.3 A

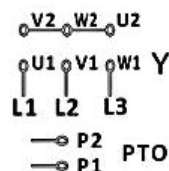
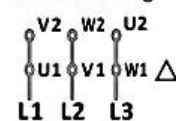
1475 min<sup>-1</sup> cosφ0.73 1785 min<sup>-1</sup> PF. 68 %

EFF(100%) 88.8 % NEMA DES.- CODE K

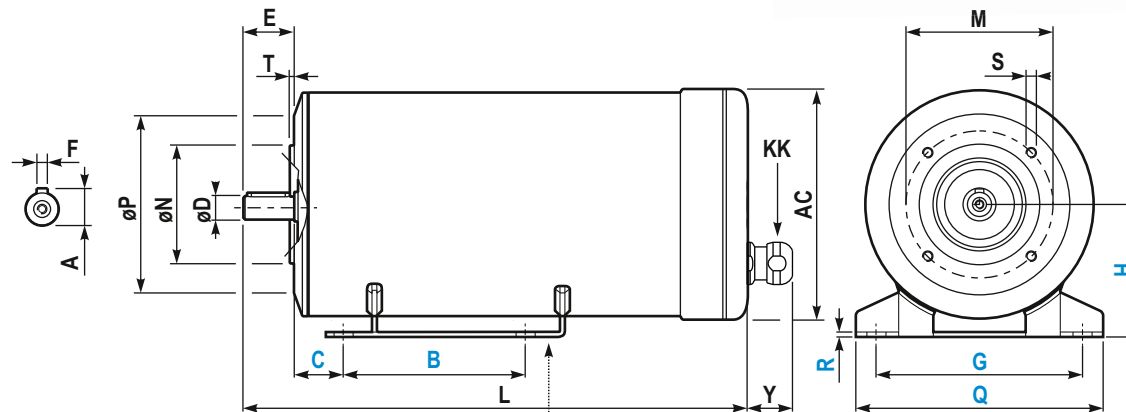
INVERTER DUTY

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

Acceptable for field wiring



INVERTER DUTY  
 WASHDOWN  
 HYGIENIC  
 S.S. 316L  
 IP69K

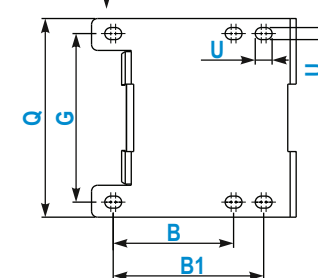


### DIMENSIONS (mm)

AC	Ø181	M	Ø 115
Y	27.5	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	KK <sup>(1)</sup>	M20x1.5
A	27		

### FOOT DIMENSIONS (mm)

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
-	
-	
-	
-	

### BEARINGS

DE	6206.2Z
NDE	6206.2Z