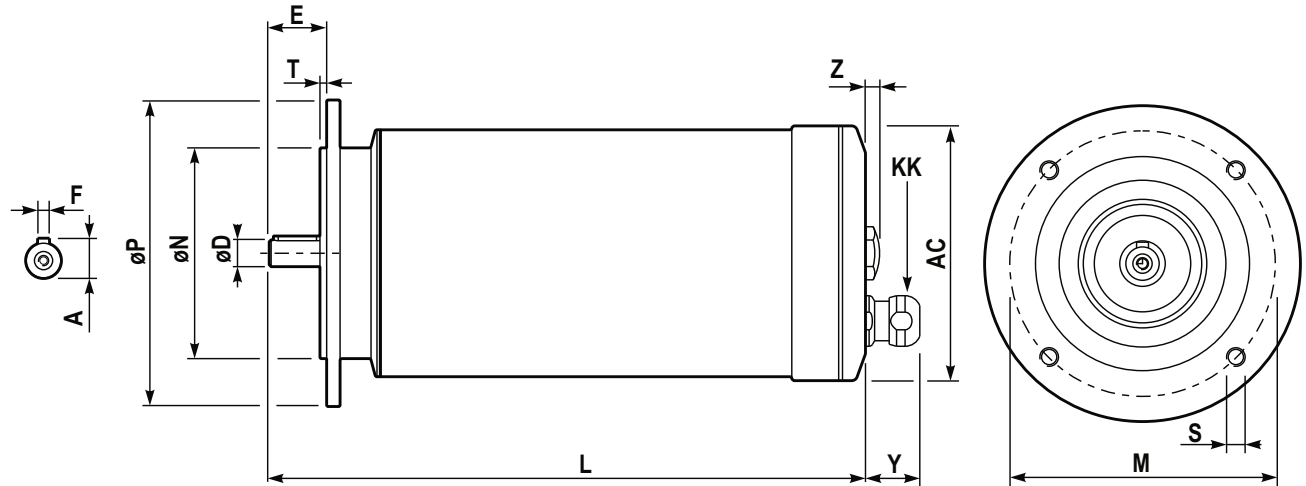


## MOTOR DATA SHEET DS\_SPM\_09/23

### GENERAL CHARACTERISTICS

Frame size		80
Type of construction		B5
Weight	[kg]	22.3
Moment of Inertia	[kgm <sup>2</sup> ]	0.0017
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 80B2 IMB5

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

DE 6205.2Z NDE 6205.2Z Weight 22.3 Kg

Hz 50 Δ/Y 230/400V Hz 60 Δ/Y 264/460V

1.1 kW 3.7 / 2.1 A 1.5 HP 3.5 / 2.0 A

2910 min<sup>-1</sup> cosφ 0.86 3521 min<sup>-1</sup> PF. 80 %

EFF(100%) 86.4 % NEMA DES.- CODE K

INVERTER DUTY

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

### DIMENSIONS

AC	143	M	Ø165
Y	27.5	ØN	Ø130
L	340	ØP	Ø200
ØD	19 j6 M6	T	3.5
E	40	n x S	4 x Ø12
F	6	Z	7.4
A	21.5	KK <sup>(1)</sup>	M20x1.5 cable gland clamping range Ø9-12mm

### BEARINGS

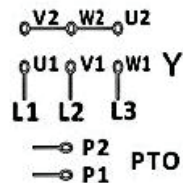
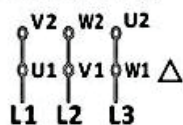
DE	6205.2Z
NDE	6205.2Z

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

### SPECIAL EXECUTION AND ACCESSORIES

	code
-	
-	
-	
-	

Acceptable for field wiring



INVERTER DUTY  
 WASHDOWN  
 HYGIENIC  
 S.S. 316L  
 IP69K