



## MOTOR DATA SHEET DS\_APM\_06/23

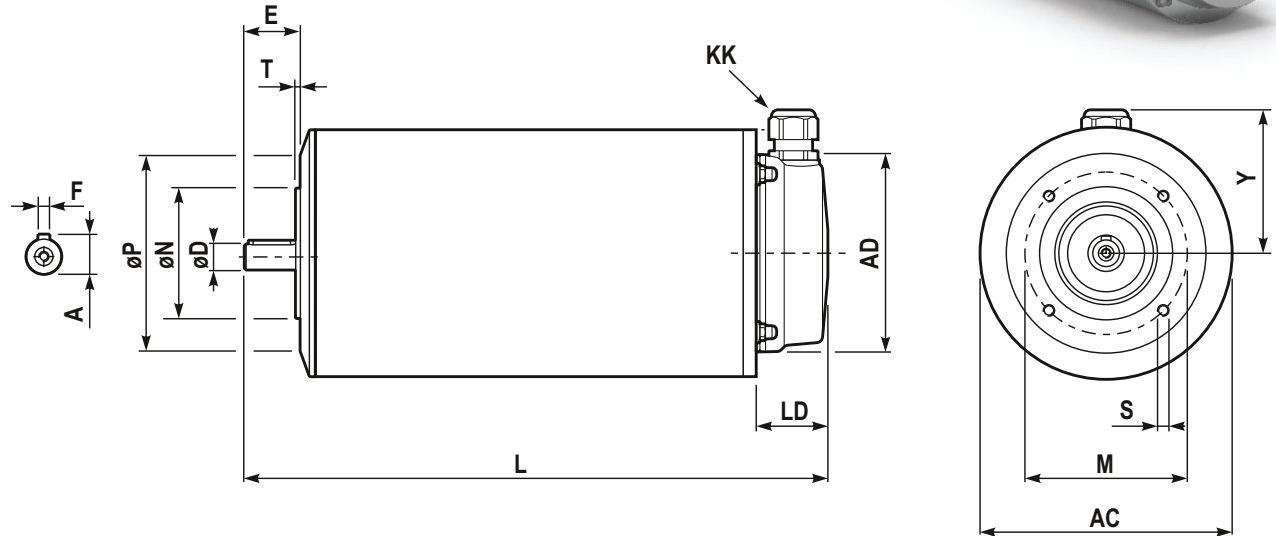
### GENERAL CHARACTERISTICS

Frame size	90
Type of construction	B14
Weight [kg]	27.8
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

## ALUMINUM PREMIUM MOTOR APM 90 B14

Ins.Cl.F Amb. max 40°C IC411 Duty S1  
 DE 6206.2Z NDE 6206.2Z Weight 27.8 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> cosφ 0.73 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



### DIMENSIONS

AC	Ø181	LD	38.5
AD	Ø143	M	115
Y	97	ØN <sub>j6</sub>	Ø95
L	386	ØP	Ø140
ØD <sub>j6</sub>	Ø24	T	3
E	50	n x S	M8x16
F	8	KK <sup>(1)</sup>	M20x1.5
A	27		

### BEARINGS

DE	6206.2Z
NDE	6206.2Z

### SPECIAL EXECUTION AND ACCESSORIES

	code
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