



A business unit of Hydromec Spa

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

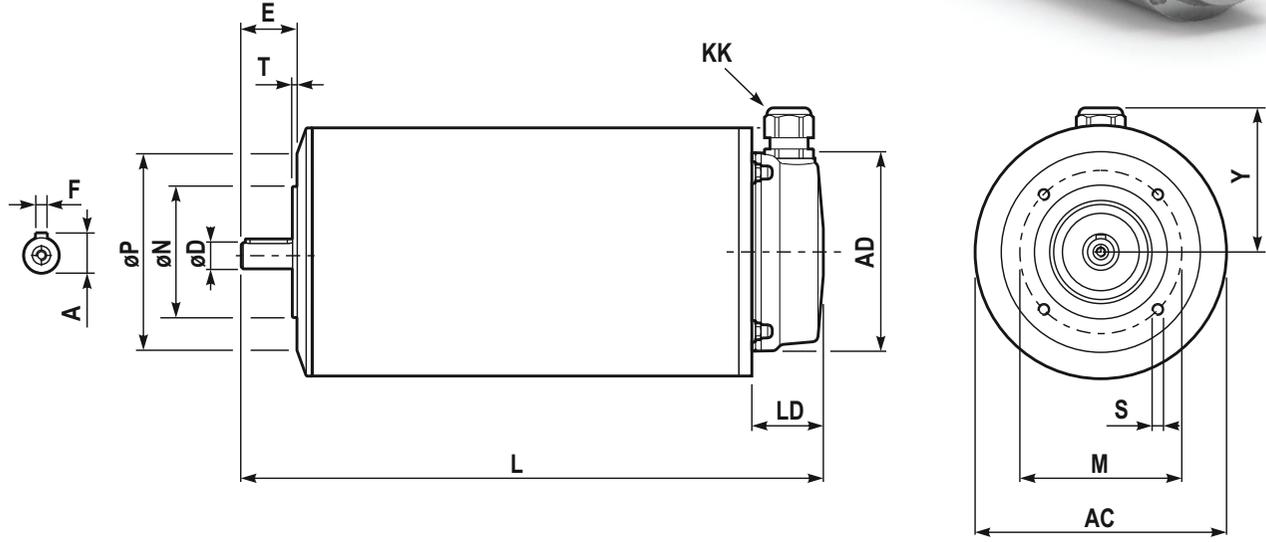
**GENERAL CHARACTERISTICS**

Frame size	80
Type of construction	B14
Weight [kg]	16
Moment of Inertia [kgm <sup>2</sup> ]	0.0032
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 80 B14**

Ins.Cl.F Amb. max 40°C IC411 Duty S1  
 DE 6205.2Z NDE 6205.2Z Weight 13.4 Kg  
 Hz 50 Δ/Y 230/400V Hz 60 Δ/Y 264/460V  
 0.75 kW 3.0 / 1.8 A 1 HP 2.7 / 1.6 A  
 1456 min<sup>-1</sup> cosφ 0.74 1768 min<sup>-1</sup> PF. 69%  
**EFF(100%) 85.3 % NEMA DES.- CODE K**  
**INVERTER DUTY**  
**PWM SPEED RANGE 2.5:1: CT / 10:1 VT**



**DIMENSIONS**

AC	Ø143	LD	38.5
AD	Ø106	M	100
Y	78	ØN <sub>j6</sub>	Ø80
L	350.5	ØP	Ø120
ØD <sub>j6</sub>	Ø19	T	3
E	40	n x S	M6x13
F	6	KK <sup>(1)</sup>	M20x1.5
A	21.5		

**BEARINGS**

DE	6205.2Z
NDE	6205.2Z

**SPECIAL EXECUTION AND ACCESSORIES**

	code
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