

**B14**

Mounting

**SUPER PREMIUM**  
**IE4**  
EFFICIENCYEfficiency  
class

# APM series

## Aluminum premium motors

Motori elettrici in alluminio

# 4 Poles

Technical data

	S1 service, F insulation class			Operating characteristics at rated power						Direct starting		Weight B14 Kg	R [Ω] 20°C	Enclosure		
	Power	Motor code	Frame	Rated current	Speed	Nominal torque	Efficiency at % load			PF	Torque				Current	Inertia moment
	kW			A 400/460V	rpm	Nm	100%	75%	50%	cos φ	Ms/Mn				Is/In	[kgm <sup>2</sup> ]
<b>230/400V 50Hz rpm 1500</b>	0.12	<b>APM BKC4JTEN</b>	63A	0.40	1445	0.81	69.8	69.5	63.9	0.64	3.5	6.5	0.0014	7.3	42.8	<b>TENV</b>
	0.18	<b>APM BKD4JTEN</b>	63B	0.50	1445	1.21	74.7	74.1	69.3	0.72	3.8	6.6	0.0016	8.1	31.4	
	0.25	<b>APM CKE4JTEN</b>	71A	0.68	1444	1.66	77.9	74.8	70.1	0.73	3.7	7.2	0.0021	9.8	22.6	
	0.37	<b>APM CKF4JTEN</b>	71B	0.98	1440	2.45	81.1	79.7	75.9	0.71	4.1	7.4	0.0025	12	12.6	
	0.55	<b>APM DKG4JTEN</b>	80A	1.38	1448	3.66	83.9	80.7	77.0	0.73	4.8	8.2	0.0026	14	8.3	
	0.75	<b>APM DKH4JTEN</b>	80B	1.75	1440	4.95	85.7	82.5	79.2	0.74	5.6	8.5	0.0032	16.5	5.1	
	1.1	<b>APM EKI4JTEN</b>	90S	2.65	1465	7.15	87.2	84.4	80.3	0.73	4.8	8.6	0.0095	29.5	2.1	
	1.5	<b>APM EKK4JTEN</b>	90L	3.50	1465	9.75	88.2	87.1	84.3	0.74	4.9	9.8	0.0107	32.4	1.6	
<b>230/460V 60Hz rpm 1800</b>	0.12	<b>APM BKC4JTUN</b>	63A	0.36	1752	0.65	70.0	71.0	64.9	0.65	3.7	6.7	0.0014	7.3	42.8	<b>TENV</b>
	0.18	<b>APM BKD4JTUN</b>	63B	0.46	1750	0.98	74.0	73.0	70.3	0.72	4.0	6.8	0.0016	8.1	31.4	
	0.25	<b>APM CKE4JTUN</b>	71A	0.62	1748	1.36	77.7	75.8	71.1	0.70	3.9	7.4	0.0021	9.8	22.6	
	0.37	<b>APM CKF4JTUN</b>	71B	0.92	1742	2.02	81.5	80.6	76.8	0.67	4.3	7.6	0.0025	12	12.6	
	0.55	<b>APM DKG4JTUN</b>	80A	1.30	1750	3.05	84.0	81.7	78.0	0.70	5.0	8.4	0.0026	14	8.3	
	0.75	<b>APM DKH4JTUN</b>	80B	1.65	1765	4.13	85.5	82.5	79.5	0.71	5.8	8.7	0.0032	16.5	5.1	
	1.1	<b>APM EKI4JTUN</b>	90S	2.50	1780	5.96	87.5	84.1	80.1	0.70	5.0	8.8	0.0095	29.5	2.1	
	1.5	<b>APM EKK4JTUN</b>	90L	3.30	1785	8.13	88.5	87.4	84.4	0.70	5.1	10.0	0.0107	32.4	1.6	

Nominal values with ±10% tolerance on Voltage Valori nominali con ±10% di tolleranza nel voltaggio

Technical data and performances may change Dati tecnici e prestazioni possono subire variazioni

**TENV**Totally Enclosed non ventilated  
Totalmente chiuso, non ventilato