

S1 service, F insulation class			Operating characteristics at rated power							Direct starting					Enclosure	
Power	Motor code	Frame	Rated current	Speed	Nominal torque	Efficiency at % load			PF	Torque	Current	Inertia moment	Weight B14	R [Ω] 20°C		
kW			A 400/460V	rpm	Nm	100%	75%	50%	cos φ	Ms/Mn	Is/In	[kgm ²]	Kg			
230/400V 50Hz rpm 3000	0.18	AEM BKD2JTEN	63A	0.45	2890	0.60	70.8	67.5	64.2	0.81	4.1	6.4	0.0005	6.5	29.1	TENV
	0.25	AEM BKE2JTEN	63B	0.65	2895	0.84	74.3	72.8	70.5	0.85	4.4	7.8	0.0006	8.3	13.8	
	0.37	AEM CKF2JTEN	71A	0.94	2930	1.23	78.1	78.0	77.2	0.75	4.3	8.8	0.0008	10.5	8.2	
	0.55	AEM CKG2JTEN	71B	1.24	2910	1.85	81.5	81.3	77.5	0.77	5.4	8.9	0.0010	11.6	6.2	
	0.75	AEM DKH2JTEN	80A	1.48	2900	2.45	83.5	83.1	80.8	0.83	6.2	12.5	0.0013	14.6	4.8	
	1.1	AEM DKI2JTEN	80B	2.10	2910	3.60	85.2	84.9	84.0	0.86	5.8	12.8	0.0017	17.1	3.1	
	1.5	AEM EKK2JTEN	90S	2.80	2930	4.90	86.5	85.5	82.3	0.83	5.2	10.5	0.0054	30.3	1.7	
	2.2	AEM EKL2JTEN	90L	3.90	2920	7.20	88.0	87.5	86.5	0.82	4.8	8.5	0.0056	32.2	1.7	
230/460V 60Hz rpm 3600	0.18	AEM BKD2JTUN	63A	0.42	3460	0.50	70.0	68.1	64.9	0.78	4.3	6.6	0.0005	6.5	29.1	TENV
	0.25	AEM BKE2JTUN	63B	0.60	3500	0.70	74.0	68.2	64.9	0.77	4.6	8.0	0.0006	8.3	13.8	
	0.37	AEM CKF2JTUN	71A	0.90	3545	1.00	77.0	76.5	75.0	0.72	4.5	9.0	0.0008	10.5	8.2	
	0.55	AEM CKG2JTUN	71B	1.20	3510	1.50	80.0	79.3	77.4	0.74	5.6	9.1	0.0010	11.6	6.2	
	0.75	AEM DKH2JTUN	80A	1.40	3490	2.00	82.5	82.0	80.6	0.83	6.4	12.7	0.0013	14.6	4.8	
	1.1	AEM DKI2JTUN	80B	2.00	3520	3.00	85.5	85.0	84.2	0.80	6.0	13.0	0.0017	17.1	3.1	
	1.5	AEM EKK2JTUN	90S	2.75	3530	4.10	86.6	85.4	82.2	0.74	5.4	10.7	0.0054	30.3	1.7	
	2.2	AEM EKL2JTUN	90L	3.82	3510	6.00	88.5	87.8	86.0	0.82	4.8	9.2	0.0108	32.2	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
Totamente chiuso, non ventilato

S3 For S3 intermittent periodic duty, see page 3.10 *Per il servizio intermittente periodico S3, vedere pagina 3.10*