

	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	APM BKD2J TEN	63A	0.45	2890	0.6	70.8	67.5	64.2	0.81	4.1	6.4	0.0005	6.2	29.1	TENV
	0.25	APM BKE2J TEN	63B	0.58	2895	0.84	74.3	72.8	70.5	0.85	4.4	7.8	0.0006	8.8	13.8	
	0.37	APM CKF2J TEN	71A	0.85	2930	1.23	82.5	80.1	77.2	0.75	4.3	8.8	0.0008	10.5	7.9	
	0.55	APM CKG2J TEN	71B	1.24	2910	1.85	82.9	81.4	77.5	0.77	5.4	8.9	0.0010	12.1	6.2	
	0.75	APM DKH2J TEN	80A	1.52	2900	2.45	84.6	83.9	80.8	0.83	6.2	12.5	0.0013	15.2	4.5	
	1.1	APM DKI2J TEN	80B	2.10	2910	3.60	86.4	86.0	84.0	0.86	5.8	12.8	0.0017	19.8	3.3	
	1.5	APM EKK2J TEN	90S	3.00	2930	4.90	86.5	85.5	82.3	0.83	5.2	10.5	0.0054	28.4	1.8	
	2.2	APM EKL2J TEN	90L	4.22	2920	7.2	86.0	85.0	82.0	0.82	4.8	8.5	0.0056	32.5	1.7	
230/460V 60Hz rpm 3600	0.18	APM BKD2J TUN	63A	0.41	3461	0.50	70.9	68.1	64.9	0.78	4.3	6.6	0.0005	6.2	29.1	TENV
	0.25	APM BKE2J TUN	63B	0.53	3503	0.70	71.3	68.2	64.9	0.77	4.6	8.0	0.0006	8.8	13.8	
	0.37	APM CKF2J TUN	71A	0.77	3545	1.00	82.5	80.1	77.2	0.72	4.5	9.0	0.0008	10.5	7.8	
	0.55	APM CKG2J TUN	71B	1.12	3521	1.50	83.0	81.3	77.4	0.74	5.6	9.1	0.0010	12.1	6.2	
	0.75	APM DKH2J TUN	80A	1.38	3509	2.00	84.8	83.6	80.6	0.83	6.4	12.7	0.0013	15.2	4.5	
	1.1	APM DKI2J TUN	80B	1.97	3521	3.00	86.6	86.0	84.2	0.80	6.0	13.0	0.0017	19.8	3.2	
	1.5	APM EKK2J TUN	90S	2.78	3545	4.10	86.6	85.4	82.2	0.74	5.4	10.7	0.0054	28.4	1.7	
	2.2	APM EKL2J TUN	90L	3.82	3520	6.0	88.7	87.8	86.0	0.82	4.8	9.2	0.0108	32.5	1.5	

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

	S1 service, F insulation class			Operating characteristics at rated power						Direct starting		Inertia moment	Weight B14	R [Ω] 20°C	Enclosure	
	Power	Motor code	Frame	Rated current	Speed	Nominal torque	Efficiency at % load			PF	Torque					Current
	kW			A 400/460V	rpm	Nm	100%	75%	50%	cos φ	Ms/Mn					Is/In
230/400V 50Hz rpm 1500	0.12	APM BKC4J TEN	63A	0.40	1445	0.81	71.6	70.0	63.9	0.64	3.5	6.5	0.0014	7.3	41.8	TENV
	0.18	APM BKD4J TEN	63B	0.48	1445	1.21	75.7	74.1	69.3	0.72	3.8	6.6	0.0016	8.1	30.1	
	0.25	APM CKE4J TEN	71A	0.64	1444	1.66	76.7	74.8	70.1	0.73	3.7	7.2	0.0021	9.8	21.1	
	0.37	APM CKF4J TEN	71B	0.94	1440	2.45	80.7	79.7	75.9	0.71	4.1	7.4	0.0025	12	12.8	
	0.55	APM DKG4J TEN	80A	1.34	1448	3.66	81.6	80.7	77.0	0.73	4.8	8.2	0.0026	14	8.1	
	0.75	APM DKH4J TEN	80B	1.74	1456	4.95	83.6	82.5	79.2	0.74	5.6	8.5	0.0032	16.5	5.7	
	1.1	APM EKI4J TEN	90S	2.50	1475	7.15	87.2	84.4	80.3	0.73	4.8	8.6	0.0095	27.7	2.0	
	1.5	APM EKK4J TEN	90L	3.34	1475	9.75	87.9	87.1	84.3	0.74	4.9	9.8	0.0107	30.8	1.5	
230/460V 60Hz rpm 1800	0.12	APM BKC4J TUN	63A	0.34	1752	0.65	72.6	71.0	64.9	0.64	3.7	6.7	0.0014	7.4	41.8	TENV
	0.18	APM BKD4J TUN	63B	0.41	1750	0.98	76.7	75.1	70.3	0.72	4.0	6.8	0.0016	8.1	30.1	
	0.25	APM CKE4J TUN	71A	0.57	1748	1.36	77.7	75.8	71.1	0.70	3.9	7.4	0.0021	9.8	21.1	
	0.37	APM CKF4J TUN	71B	0.84	1742	2.02	81.6	80.6	76.8	0.67	4.3	7.6	0.0025	12	12.8	
	0.55	APM DKG4J TUN	80A	1.19	1750	3.05	82.6	81.7	78.0	0.70	5.0	8.4	0.0026	14	8.1	
	0.75	APM DKH4J TUN	80B	1.52	1765	4.13	84.1	82.5	79.5	0.71	5.8	8.7	0.0032	15.9	5.7	
	1.1	APM EKI4J TUN	90S	2.24	1780	5.96	88.0	84.1	80.1	0.70	5.0	8.8	0.0095	27.7	2.0	
	1.5	APM EKK4J TUN	90L	2.96	1785	8.13	88.2	87.4	84.4	0.70	5.1	10.0	0.0107	30.8	1.5	

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

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	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 1000	0.18	APM CKD6J TEN	71A	0.55	890	1.95	70.2	67.2	60.1	0.68	2.6	3	0.0021	10.2	36.9	TEN
	0.25	APM CKE6J TEN	71B	0.75	890	2.65	72.2	71.3	66.8	0.65	3.2	3.4	0.0025	12.5	26.1	
	0.37	APM DKF6J TEN	80A	1.10	890	3.98	76.3	76.0	73.2	0.63	1.7	3.4	0.0026	15.2	18.8	
	0.55	APM DKG6J TEN	80B	1.30	900	5.30	78.0	77.7	67.4	0.69	2.4	3.7	0.0032	16.8	13.1	
	0.75	APM EKH6J TEN	90S	1.70	940	7.60	82.5	81.5	78.0	0.77	2.6	5.7	0.0095	29.5	4.9	
	1.1	APM EKI6J TEN	90L	2.40	950	11.10	84.5	83.0	82.0	0.78	2.9	6.1	0.0107	32.5	4.2	
230/460V 60Hz rpm 1200	0.18	APM CKD6J TUN	71A	0.50	1115	1.50	70.1	67.0	60.0	0.61	2.6	3	0.0021	10.2	36.9	TEN
	0.25	APM CKE6J TUN	71B	0.68	1120	2.1	74.0	67.0	61.0	0.61	3.2	3.4	0.0025	12.5	26.1	
	0.37	APM DKF6J TUN	80A	1.03	1125	3.10	76.3	74.4	73.2	0.57	1.7	3.4	0.0026	15.2	18.8	
	0.55	APM DKG6J TUN	80B	1.35	1120	4.70	78.2	77.6	68.4	0.69	2.4	3.7	0.0032	16.8	13.1	
	0.75	APM EKH6J TUN	90S	1.70	1128	6.2	82.3	81.0	78.0	0.69	2.6	5.7	0.0095	29.5	4.9	
	1.1	APM EKI6J TUN	90L	2.20	1140	9.2	84.2	83.0	82.0	0.75	2.9	6.1	0.0107	32.5	4.2	

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