

> **E1S - 2 POLI/2 POLES/2 POLOS**



TIPO - TYPE	50 Hz - 3000 giri/1' - cosφ = 0,8						60 Hz - 3600 giri/1' - cosφ = 0,8					
	Potenza resa Rating kVA	Rendimento % Efficiency %		Potenza assorbita Driving power		Cap. avv. Start. cap.	Potenza resa Rating kVA	Rendimento % Efficiency %		Potenza assorbita Driving power		Cap. avv. Start. cap.
		4/4	3/4	kW	HP	kVA		4/4	3/4	kW	HP	kVA
E1S10M G	5.5	78.5	79	5.6	7.6	18	7	79.0	80.0	7.1	9.6	20
E1S10M H	7	80.5	81	6.9	9.5	21	8.5	81.0	82.0	8.4	11.4	25
E1S10L I	9	82.5	83	8.7	11.8	27	11	82.5	83.0	10.7	14.5	40
E1S11M A	10	82.0	82.2	9.75	13.3	32	12.5	82.5	82.7	12.2	16.5	38
E1S11M AS	11.5	83.0	83.2	11.1	15.0	37	14	83.5	83.7	13.4	18.2	44
E1S11M B	13.5	83.5	83.7	13.0	17.6	40	16.5	84.0	84.3	15.7	21.4	50
E1S13S C/2	16	85.0	85.5	15.0	20.4	46	19.2	85.5	85.7	18.7	25.4	58
E1S13M D/2	22	86.0	86.5	20.5	28.0	60	26.4	86.5	86.7	25.0	34.0	76
E1S13M E/2	27	87.0	87.5	25.0	34.0	75	32.4	87.5	88.0	29.2	39.7	95

TIPO - TYPE	Potenza resa Rating (kVA)		Mom. di inerzia Mom. of inertia (J) (B3/B14) (kgm2)	Peso Weight (kg)			Volume aria Air volume (m3/1')	
	50 Hz	60 Hz		B3/B9	B3/B14	B2	50 Hz	60 Hz
E1S10M G	5.5	7	0.013	28.7	29.4	/	3.7	4.6
E1S10M H	7	8.5	0.016	33.1	33.8	/	3.7	4.6
E1S10L I	9	11	0.019	36.9	37.6	/	3.6	4.5
E1S11M A	10	12.5	0.023	44.3	45.0	49.6	5.0	6.0
E1S11M AS	11.5	14	0.024	45.3	46.0	50.6	4.9	5.9
E1S11M B	13.5	16.5	0.027	51.5	52.2	56.8	4.8	5.8
E1S13S C/2	16	19.2	0.058	61.0	63.9	68.0	9.4	11.2
E1S13M D/2	22	26.4	0.065	77.4	80.3	84.5	9.2	11.2
E1S13M E/2	27	32.4	0.069	88.4	91.3	95.4	9.0	10.8

TIPO - TYPE	Potenza resa Rating (kVA)		ρcc	Reattanze e costanti di tempo / Reactances and time constants								Resistenza avv. princ. a 20°C Main winding resistance at 20°C
	50 Hz	60 Hz		Xd%	X'd%	X''d%	Xq%	T'do (ms)	T'd (ms)	T''do (ms)		
E1S10M G	5.5	7	0.50	265	19	7.0	145	420	30	5.0	2.16	
E1S10M H	7	8.5	0.60	270	20	6.5	150	450	33	5.5	1.40	
E1S10L I	9	11	0.65	285	19	6.0	165	500	33	6.0	1.01	
E1S11M A	10	12.5	0.60	260	18	5.5	146	525	36	5.8	0.87	
E1S11M AS	11.5	14	0.62	280	21	5.8	155	530	40	6.0	0.74	
E1S11M B	13.5	16.5	0.65	275	22	5.3	150	580	46	5.9	0.49	
E1S13S C/2	16	19.2	0.41	382	26	10.0	166	600	41	6.0	0.54	
E1S13M D/2	22	26.4	0.42	373	29	12.0	162	600	47	6.0	0.36	
E1S13M E/2	27	32.4	0.40	350	31	11.0	152	610	54	7.0	0.24	

> **E1S - 4 POLI/4 POLES/4 POLOS**



TIPO - TYPE	50 Hz - 1500 giri/1' - cosφ = 0,8						60 Hz - 1800 giri/1' - cosφ = 0,8					
	Potenza resa Rating kVA	Rendimento % Efficiency %		Potenza assorbita Driving power		Cap. avv. Start. cap. kVA	Potenza resa Rating kVA	Rendimento % Efficiency %		Potenza assorbita Driving power		Cap. avv. Start. cap. kVA
		4/4	3/4	kW	HP			4/4	3/4	kW	HP	
E1S13S A/4	8	81.0	81.3	7.9	10.7	23	9.6	81.4	81.8	9.4	12.8	29
E1S13S B/4	10	83.0	83.5	9.6	13.1	33	12	83.5	84.0	11.5	15.6	38
E1S13M D/4	13	84.8	85.4	12.3	16.7	43	16	85.0	85.5	15.1	20.5	53
E1S13M E/4	16	85.8	86.3	14.9	20.3	52	19	86.3	86.7	17.6	24.0	62
E1S13M F/4	20	86.0	86.2	18.6	25.3	62	24	86.5	86.8	22.2	30.2	76

TIPO - TYPE	Potenza resa - Rating (kVA)		Mom. di inerzia Mom. of inertia (J) (kgm2)		Peso - Weight (kg)			Volume aria Air volume (m3/1')	
	50 Hz	60 Hz	B3/B14	B2 SAE	B3/B9	B3/B14	B2	50 Hz	60 Hz
	E1S13S A/4	8	9.6	0.044	0.048	51.0	53.9	58.0	5.4
E1S13S B/4	10	12	0.049	0.054	57.4	60.3	64.4	5.3	6.4
E1S13M D/4	13	16	0.060	0.066	70.5	73.4	77.5	4.9	5.9
E1S13M E/4	16	19	0.072	0.079	83.5	86.4	90.5	4.7	5.6
E1S13M F/4	20	24	0.075	0.083	87.0	89.9	94.0	4.6	5.5

TIPO - TYPE	Potenza resa Rating (kVA)		ρcc	Reattanze e costanti di tempo / Reactances and time constants								Resistenza avv. princ. a 20°C Main winding
	50 Hz	60 Hz		Xd%	X'd%	X''d%	Xq%	T'do (ms)	T'd (ms)	T''do (ms)		
	E1S13S A/4	8		9.6	0.90	159	22	9.8	127	358	48	
E1S13S B/4	10	12	0.91	157	20	7.7	117	363	46	5.6	1.17	
E1S13M D/4	13	16	0.89	165	23	8.5	141	370	52	6.3	0.73	
E1S13M E/4	16	19	0.88	170	21	8.2	135	385	48	6.5	0.53	
E1S13M F/4	20	24	0.90	157	21	7.6	135	400	53	6.4	0.46	