

TIPO - TYPE	Potenza resa / Rating (kVA)					
	50 Hz			60 Hz		
	Cl. H T. amb 40°C	Cl. F T. amb 40°C	Stand by Cl. H T. amb 27°C	Cl. H T. amb 40°C	Cl. F T. amb 40°C	Stand by Cl. H T. amb 27°C
PR018S A/4	20	18.5	23	24	22	27
PR018S B/4	25	23	28	30	27.5	34
PR018S C/4	30	28	34	36	33.5	38
PR018M D/4	35	32	39	42	38.5	47
PR018M E/4	42	39	47	50	47	55

TIPO - TYPE	Potenza resa Rating (kVA)		Mom. di inerzia Mom. of inertia (kgm ²)				Peso Weight (kg)		Volume aria Air volume (m ³ /min)		
	50 Hz	60 Hz	B2	B2	B2	B2	B3/B14	B2 SAE	B3/B14	50 Hz	60 Hz
			SAE 7 ½	SAE 8	SAE 10	SAE 11 ½					
PR018S A/4	20	24	0.205	0.213	0.231	0.250	0.197	131	133	12.6	14.7
PR018S B/4	25	30	0.239	0.248	0.265	0.284	0.231	144	146	12.5	14.6
PR018S C/4	30	36	0.279	0.288	0.306	0.325	0.272	159	161	12.3	14.3
PR018M D/4	35	42	0.321	0.330	0.347	0.365	0.313	180	181	12.1	14.2
PR018M E/4	42	50	0.375	0.384	0.401	0.419	0.367	206	206	12.0	14.0

TIPO - TYPE	50 Hz - 1500 rpm - cosφ = 0,8 - S1					60 Hz - 1800 rpm - cosφ = 0,8 - S1				
	Pot. resa Rating (kVA)	Rendimento Efficiency (%)		Potenza assorbita Driving power		Pot. resa Rating (kVA)	Rendimento Efficiency (%)		Potenza assorbita Driving power	
		4/4	3/4	(kW)	(HP)		4/4	3/4	(kW)	(HP)
PR018S A/4	20	86.1	86.3	18.6	25.3	24	87.8	88.1	21.9	29.8
PR018S B/4	25	86.5	86.9	23.1	31.5	30	88.2	88.6	27.2	37.0
PR018S C/4	30	87.1	87.5	27.6	37.5	36	88.8	89.3	32.4	44.1
PR018M D/4	35	88.6	89.1	31.6	43.0	42	90.4	90.9	37.2	50.6
PR018M E/4	42	89.3	89.9	37.6	51.2	50	91.1	91.7	44.2	60.2

TIPO - TYPE	Potenza resa Rating (kVA)		Reattanze e costanti di tempo / Reactances and time constants							Resist.avv. princ. Main Wind. resistance	
	50 Hz	60 Hz	pcc	Xd	X'd	X''d	Xq	T'do	T'd	T''do	(Ω a 20 °C)
			-	(%)	(%)	(%)	(%)	(ms)	(ms)	(ms)	
PR018S A/4	20	24	0.57	242	19	9	133	103	7	5	0.460
PR018S B/4	25	30	0.57	240	20	9	134	101	8	5	0.246
PR018S C/4	30	36	0.58	243	19	8	135	125	10	5	0.234
PR018M D/4	35	42	0.58	240	18	7	133	147	11	6	0.152
PR018M E/4	42	50	0.60	253	20	8	141	180	14	8	0.128

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PRO22S A/4	50	48	56	60	57	67
PRO22S B/4	63	59	71	76	70.5	85.5
PRO22S C/4	85	79	96	102	95	115
PRO22S D/4	100	93	113	120	111.5	135.5
PRO22M E/4	130	121	147	156	145	176
PRO22M F/4	150	139.5	169.5	180	167.5	203.5

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	50 Hz	60 Hz	B2	B2	B2	B3/B14	B2 SAE	B3/B14	50 Hz	60 Hz
			SAE 10	SAE 11 ½	SAE 14					
PRO22S A/4	50	60	0.572	0.591	0.740	0.509	264	266	18.5	21.8
PRO22S B/4	63	76	0.662	0.681	0.830	0.599	280	291	18.2	21.3
PRO22S C/4	85	102	0.857	0.876	1.025	0.794	341	343	18.0	21.1
PRO22S D/4	100	120	0.995	1.014	1.163	0.932	379	381	17.9	20.8
PRO22M E/4	130	156	1.223	1.242	1.391	1.160	454	456	17.6	20.7
PRO22M F/4	150	180	1.388	1.407	1.556	1.324	499	501	17.5	20.4

TIPO - TYPE	50 Hz - 1500 rpm - cosφ = 0,8 - S1					60 Hz - 1800 rpm - cosφ = 0,8 - S1				
	Pot. resa Rating	Rendimento % Efficiency %		Potenza assorbita Driving power		Pot. resa Rating	Rendimento % Efficiency %		Potenza assorbita Driving power	
	(kVA)	4/4	3/4	kW	HP	(kVA)	4/4	3/4	kW	HP
PRO22S A/4	50	89.8	90.0	44.5	60.5	60	90.1	90.3	52.3	71.2
PRO22S B/4	63	90.1	90.4	55.9	76.1	76	90.4	90.6	67.3	91.5
PRO22S C/4	85	90.3	90.6	75.3	102.5	102	90.6	90.8	90.1	122.6
PRO22S D/4	100	90.6	90.9	88.3	120.1	120	90.9	91.1	105.6	143.7
PRO22M E/4	130	92.3	92.5	112.7	153.3	156	92.5	92.7	134.9	183.6
PRO22M F/4	150	92.6	92.8	129.6	176.3	180	92.8	93.0	155.2	211.2

TIPO - TYPE	Potenza resa Rating (kVA)		Reattanze e costanti di tempo / Reactances and time constants							Resist.avv. princ. Main Wind. resistance	
	50 Hz	60 Hz	ρcc	Xd	X'd	X''d	Xq	T'do	T'd	T''do	(Ω a 20 °C)
			-	(%)	(%)	(%)	(%)	(ms)	(ms)	(ms)	
PRO22S A/4	50	60	0.47	305	19	9.5	198	225	19	13	0.144
PRO22S B/4	63	76	0.48	302	19	9.5	191	236	20	12	0.104
PRO22S C/4	85	102	0.45	300	19	9.5	202	258	21	11	0.056
PRO22S D/4	100	120	0.47	298	18	9	194	277	22	11	0.044
PRO22M E/4	130	156	0.45	295	19	8.5	195	298	23	10	0.028
PRO22M F/4	150	180	0.44	290	18	8.5	193	310	23	10	0.024

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PRO28S B/4	180	160	200	215	190	240
PRO28S C/4	210	180	230	250	215	275
PRO28S D/4	250	210	280	300	250	335
PRO28M E/4	300	250	325	360	300	390
PRO28M F/4	350	300	375	420	360	450

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	50 Hz	60 Hz	B2	B2	B3/B14	B2 SAE	B3/B14	50 Hz	60 Hz
			SAE 11 ½	SAE 14					
PRO28S B/4	180	215	2.261	2.407	2.092	603	608	32.0	38.0
PRO28S C/4	210	250	2.503	2.649	2.335	650	655	31.0	37.0
PRO28S D/4	250	300	2.832	2.979	2.664	735	740	30.5	36.5
PRO28M E/4	300	360	3.248	3.394	3.079	813	818	30.0	36.0
PRO28M F/4	350	420	3.871	4.017	3.702	930	935	29.0	35.0

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	Potenza resa Rating (kVA)	Rendimento Efficiency (%)		Potenza assorbita Driving power		Potenza resa Rating (kVA)	Rendimento Efficiency (%)		Potenza assorbita Driving power	
		4/4	3/4	kW	HP		4/4	3/4	kW	HP
PRO28S B/4	180	92.0	92.4	157	213	215	92.7	93.1	186	252
PRO28S C/4	210	92.3	92.7	182	248	250	92.9	93.3	215	293
PRO28S D/4	250	92.7	93.1	216	294	300	93.2	93.6	258	350
PRO28M E/4	300	92.9	93.3	258	351	360	93.3	93.7	309	420
PRO28M F/4	350	93.7	93.9	299	407	420	94.0	94.2	357	486

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	50 Hz	60 Hz	pcc	Xd	X'd	X''d	Xq	T'do	T'd	T''do	(Ω a 20 °C)
			-	(%)	(%)	(%)	(%)	(ms)	(ms)	(ms)	
PRO28S B/4	180	215	0.39	350	19.0	10.0	215	1800	110	16	0.0220
PRO28S C/4	210	250	0.41	335	19.0	9.5	213	1820	112	15	0.0186
PRO28S D/4	250	300	0.38	350	18.0	10.0	212	1850	115	14	0.0138
PRO28M E/4	300	360	0.39	352	18.5	9.0	210	1850	116	14	0.0106
PRO28M F/4	350	420	0.40	340	18.0	8.5	212	1870	115	13	0.0080