

PRO18

THREE-PHASE BRUSHLESS SYNCHRONOUS ALTERNATORS WITH ELECTRONIC REGULATION - 4 POLES
 ALTERNATEURS SYNCHRONES TRIPHASÉ SANS BALAIS AVEC RÉGULATION ÉLECTRONIQUE - 4 POLES
 DREIPHASIGE BÜRSTENLOSE SYNCHROGENERATOREN MIT ELEKTRONISCHER REGULIERUNG - 4 POLEN



50Hz - 1500rpm - cosφ = 0.8

TIPO - TYPE	Potenza resa Rating Power [kVA]				Rendimento Efficiency		Volume d'aria Air volume
	Nominal	Class H T _A = 40°C	Class F T _A = 40°C	Stand By 163°C/27°C	4/4	3/4	[m ³ / min]
PRO18S A/4	20	20	18,5	23	86.1%	86.3%	5.5
PRO18S B/4	25	25	23	28	86.5%	86.9%	6.3
PRO18S C/4	30	30	28	34	87.1%	87.5%	6.9
PRO18M D/4	35	35	32	39	88.6%	89.1%	8.0
PRO18M E/4	42	42	39	48	89.3%	89.9%	9.8
PRO18L F/4	50	50	45	55	89.4%	90.0%	10.0
PRO18L G/4	60	60	55	65	89.6%	90.1%	11.7

60Hz - 1800rpm - cosφ = 0.8

TIPO - TYPE	Potenza resa Rating Power [kVA]				Rendimento Efficiency		Volume d'aria Air volume
	Nominal	Class H T _A = 40°C	Class F T _A = 40°C	Stand By 163°C/27°C	4/4	3/4	[m ³ / min]
PRO18S A/4	24	24	22	27	87.8%	88.1%	5.7
PRO18S B/4	30	30	27.5	34	88.2%	88.6%	6.5
PRO18S C/4	36	36	33.5	39	88.8%	89.3%	7.1
PRO18M D/4	42	42	38.5	47	90.4%	90.9%	8.3
PRO18M E/4	50	50	47	57	91.1%	91.7%	11.0
PRO18L F/4	60	60	54	66	91.2%	92.0%	11.5
PRO18L G/4	72	72	66	78	91.4%	92.2%	14.0

TIPO - TYPE	Potenza Rating [kVA]		Momento di inerzia Momentum of inertia [kg·m ²]					Peso Weight [kg]	
	50Hz	60Hz	B2	B2	B2	B2	B3/B14	B2 SAE	B3/B14
			SAE 7 1/2	SAE 8	SAE 10	SAE 11 1/2			
PRO18S A/4	20	24	0.212	0.221	0.238	0.257	0.197	121	123
PRO18S B/4	25	30	0.244	0.253	0.270	0.289	0.231	134.5	136.5
PRO18S C/4	30	36	0.281	0.290	0.306	0.326	0.272	150	153.5
PRO18M D/4	35	42	0.316	0.325	0.342	0.362	0.313	170	172
PRO18M E/4	42	50	0.369	0.378	0.395	0.415	0.367	200	202
PRO18L F/4	50	60	0.441	0.450	0.467	0.486	0.436	236.5	238.5
PRO18L G/4	60	72	0.511	0.521	0.537	0.557	0.523	267.5	269.5

TIPO - TYPE	Potenza resa Rating power [kVA]		Reattanze e costanti di tempo (230/400V 50Hz) Reactances and time constants (230/400V 50Hz)								Avvolg. principale Main winding
	50Hz	60Hz	pcc	X _d	X' _d	X'' _d	X _q	T' _{do}	T' _d	T'' _d	R [Ω at 20°C]
								[ms]			
PRO18S A/4	20	24	0.57	242%	19%	9%	133%	103	7	5	0.448
PRO18S B/4	25	30	0.57	240%	20%	9%	134%	101	8	5	0.320
PRO18S C/4	30	36	0.58	243%	19%	8%	135%	125	10	5	0.234
PRO18M D/4	35	42	0.58	240%	18%	7%	133%	147	11	6	0.174
PRO18M E/4	42	50	0.60	253%	20%	8%	141%	180	14	8	0.136
PRO18L F/4	50	60	0.62	255%	20%	7%	146%	188	14	9	0.100
PRO18L G/4	60	72	0.63	260%	21%	7%	148%	195	15	9	0.082

OVERALL DIMENSIONS PRO18 - ENCOMBREMENT PRO18 - GRÖSSE PRO18

