

PRO22

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 - $\cos\phi = 0.8$							
TIPO - TYPE	Potenza resa Rating Power [kVA]				Rendimento Efficiency		Volume d'aria Air volume
	Nominal	Class H $T_A = 40^\circ\text{C}$	Class F $T_A = 40^\circ\text{C}$	Stand By $163^\circ\text{C}/27^\circ\text{C}$	4/4	3/4	[m ³ / min]
PRO22S A/4	63	63	59	71	90.1%	90.4%	18.2
PRO22S B/4	75	75	69	82	90.3%	90.5%	18.0
PRO22S C/4	85	85	79	96	90.3%	90.6%	18.0
PRO22S D/4	100	100	93	113	90.6%	90.9%	17.9
PRO22M E/4	130	130	121	147	92.3%	92.5%	18.2
PRO22M F/4	150	150	139.5	169.5	92.6%	92.8%	20.1

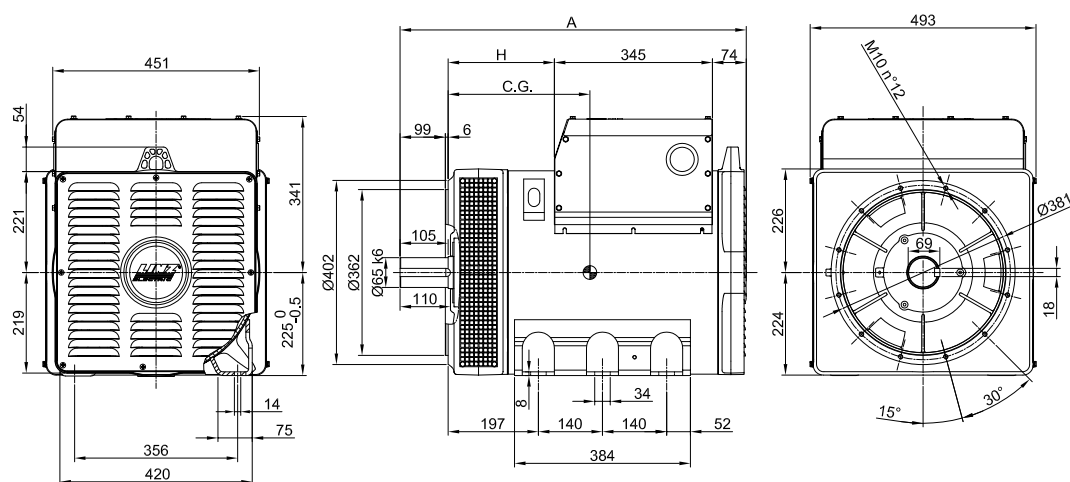
60Hz - 1800rpm - $\cos\phi = 0.8$							
TIPO - TYPE	Potenza resa Rating Power [kVA]				Rendimento Efficiency		Volume d'aria Air volume
	Nominal	Class H $T_A = 40^\circ\text{C}$	Class F $T_A = 40^\circ\text{C}$	Stand By $163^\circ\text{C}/27^\circ\text{C}$	4/4	3/4	[m ³ / min]
PRO22S A/4	76	76	70.5	85.5	90.4%	90.6%	21.3
PRO22S B/4	90	90	83	98	90.4%	90.7%	21.6
PRO22S C/4	102	102	95	115	90.6%	90.8%	21.1
PRO22S D/4	120	120	111.5	135.5	90.9%	91.1%	20.8
PRO22M E/4	156	156	145	176	92.5%	92.7%	21.2
PRO22M F/4	180	180	167.5	203.5	92.8%	93.0%	23.5

TIPO - TYPE	Potenza resa Rating power [kVA]		Momento di inerzia Momentum of inertia [kg·m ²]			Peso Weight [kg]	
	50Hz	60Hz	B2 SAE 11 1/2	B2 SAE 14	B3/B14	B2 SAE	B3/B14
PRO22S A/4	63	76	0.729	0.878	0.652	263.5	283.5
PRO22S B/4	75	90	0.853	1.001	0.775	295	315
PRO22S C/4	85	102	0.932	1.080	0.854	316	336
PRO22S D/4	100	120	1.074	1.222	0.996	354	374
PRO22M E/4	130	156	1.308	1.456	1.230	434	454
PRO22M F/4	150	180	1.480	1.628	1.402	474.5	494.5

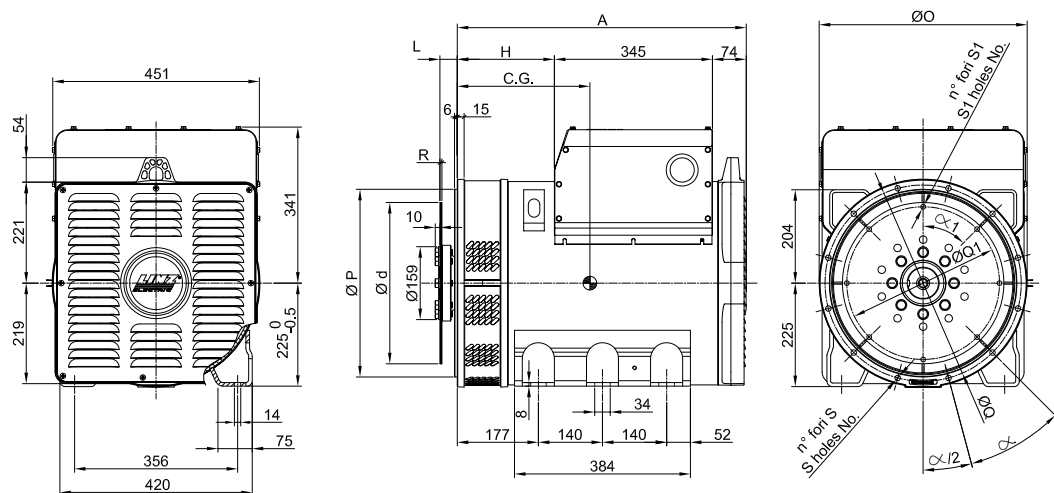
TIPO - TYPE	Potenza resa Rating power [kVA]		Reattanze e costanti di tempo* Reactances and time constants*								Avvolg. principale Main winding
	50Hz	60Hz	pcc	X_d	X'_d	X''_d	X_q	T'_{do}	T'_d	T''_d	
									[ms]		R [Ω at 20°C]
PRO22S A/4	63	76	0.48	302%	19%	9.5%	191%	236	20	12	0.098
PRO22S B/4	75	90	0.53	301%	19%	9.5%	195%	245	21	12	0.060
PRO22S C/4	85	102	0.45	300%	19%	9.5%	202%	258	21	11	0.054
PRO22S D/4	100	120	0.47	298%	18%	9.0%	194%	277	22	11	0.040
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

OVERALL DIMENSIONS PRO22 - ENCOMBREMENT PRO22 - GRÖSSE PRO22

FORMA - FORM B3/B14



FORMA - FORM SAE



FORMA - FORM		A	H
B3/B14	PRO 22S	756	232
	PRO 22M	886	362
SAE	PRO 22S	631	212
	PRO 22M	761	342

TIPO - TYPE	C.G.
PRO22S A/4 B3/B14	284
PRO22S B/4 B3/B14	293
PRO22S C/4 B3/B14	299
PRO22S D/4 B3/B14	313
PRO22M E/4 B3/B14	359
PRO22M F/4 B3/B14	377

TIPO - TYPE	C.G.
PRO22S A/4 SAE	270
PRO22S B/4 SAE	279
PRO22S C/4 SAE	285
PRO22S D/4 SAE	298
PRO22M E/4 SAE	344
PRO22M F/4 SAE	362

SAE N.	FLANGIE - FLANGES - BRIDAS					
	Ø O	Ø P	Ø Q	n. fori holes No.	S	α
3	454	409.6	428.6	12	12	30°
2	492	447.68	466.7			
1	552	511.18	530.2			

SAE N.	GIUNTI A DISCO - COUPLING DISCS - JUNTAS A DISCOS						
	L	Ø d	Ø Q1	n. fori holes No.	S1	α1	R
11 1/2	39.6	352.42	333.37	8	10.5	45°	6
14	25.4	466.72	438.15	8	14	45°	