

PRO28

THREE-PHASE BRUSHLESS SYNCHRONOUS ALTERNATORS WITH ELECTRONIC REGULATION - 4 POLES
 ALTERNATEURS SYNCHRONES TRIPHASÉ SANS BALAIS AVEC RÉGULATION ÉLECTRONIQUE - 4 POLES
 DREIPHASIGE BÜRSTENLOSE SYNCHRONGENERATOREN 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]
PRO28S A/4	180	180	160	200	91.8%	92.2%	32.0
PRO28S B/4	200	200	175	220	91.7%	92.3%	32.0
PRO28S C/4	225	225	200	265	92.1%	92.5%	32.5
PRO28S D/4	250	250	210	280	92.7%	93.1%	36.5
PRO28M E/4	300	300	250	325	92.9%	93.3%	38.5
PRO28M F/4	350	350	300	375	93.7%	93.9%	39.5
PRO28L G/4*	400	400	360	420	93.8%	94.0%	44.4

60Hz - 1800rpm - cosφ = 0.8

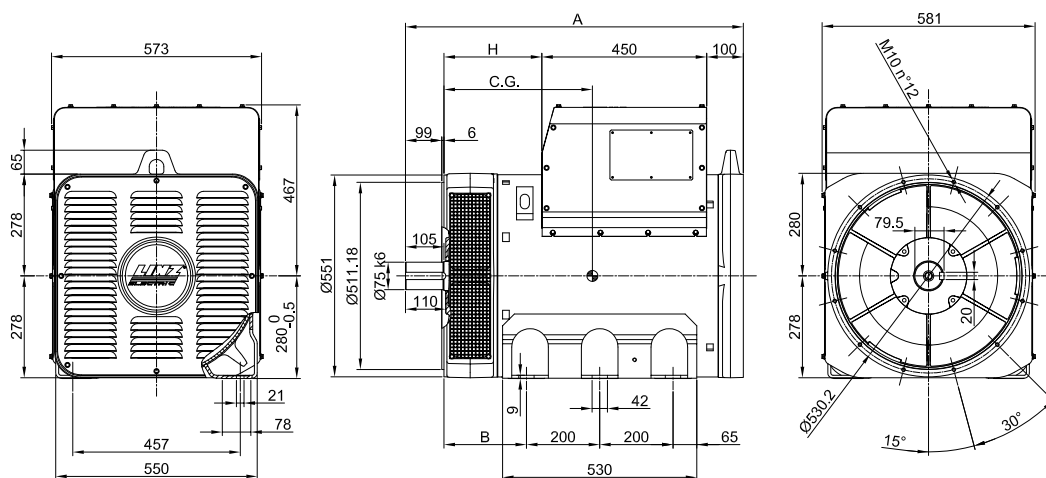
TIPO - TYPE	Potenza resa Rating Power [kVA]				Rendimento Efficiency		Volume d'aria Air volume
	Nominal	Class H T _A = 40°C	Class F T _A = 40°C	Stand By 163°C/27°C	4/4	3/4	[m ³ / min]
PRO28S A/4	215	215	192	240	92.5%	92.7%	38.0
PRO28S B/4	240	240	210	265	92.5%	93.1%	38.0
PRO28S C/4	270	270	240	315	92.7%	93.0%	39.0
PRO28S D/4	300	300	250	335	93.2%	93.6%	43.1
PRO28M E/4	360	360	300	390	93.3%	93.7%	43.4
PRO28M F/4	420	420	360	450	94.0%	94.2%	45.0
PRO28L G/4*	480	480	430	500	94.2%	94.4%	49.6

TIPO - TYPE	Potenza resa Rating power [kVA]		Momento di inerzia Momentum of inertia [kg·m ²]			Peso Weight [kg]	
	50Hz	60Hz	B2 SAE 11 ½	B2 SAE 14	B3/B14	B2 SAE	B3/B14
PRO28S A/4	180	215	2.302	2.417	2.123	564	575
PRO28S B/4	200	240	2.445	2.560	2.265	591	602
PRO28S C/4	225	270	2.902	3.018	2.723	668	679
PRO28S D/4	250	300	3.252	3.368	3.073	730.5	741.5
PRO28M E/4	300	360	3.721	3.836	3.542	833.5	844.5
PRO28M F/4	350	420	4.408	4.524	4.229	949	960
PRO28L G/4*	400	480	4.916	5.032	4.737	1034	1045

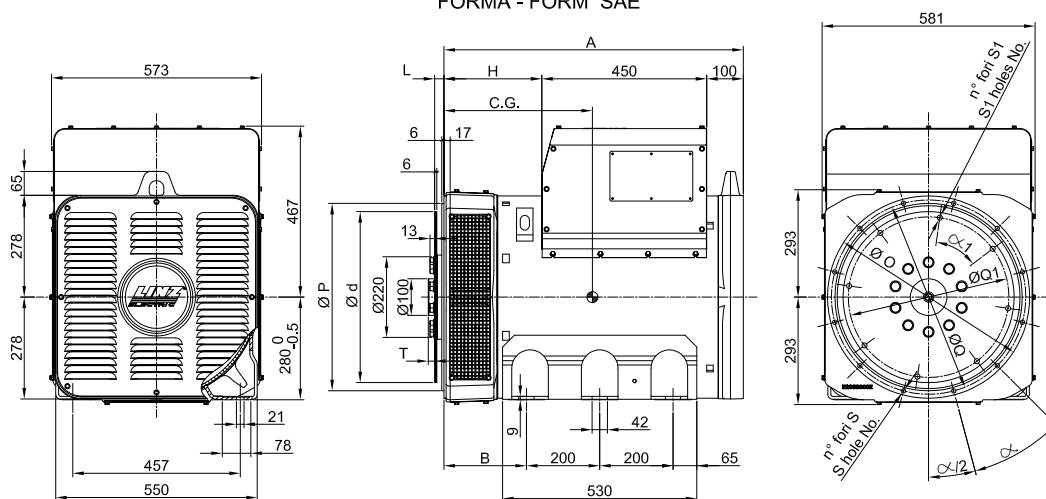
TIPO - TYPE	Potenza resa Rating power [kVA]		Reattanze e costanti di tempo (230/400V 50Hz) Reactances and time constants (230/400V 50Hz)								Avvolg. principale Main winding
	50Hz	60Hz	pcc	X _d	X' _d	X'' _d	X _q	T' _{do}	T' _d	T'' _d	R [Ω at 20°C]
PRO28S A/4	180	215	0.32	360%	19.0%	10.0%	217%	1830	112	16	0.0286
PRO28S B/4	200	240	0.34	389%	21.0%	11.1%	239%	1810	113	17	0.0266
PRO28S C/4	225	270	0.36	359%	20.3%	10.2%	228%	1825	113	16	0.0166
PRO28S D/4	250	300	0.38	350%	18.0%	10.0%	212%	1850	115	14	0.0124
PRO28M E/4	300	360	0.39	352%	18.5%	9.0%	210%	1850	116	14	0.0110
PRO28M F/4	350	420	0.40	340%	18.0%	8.5%	212%	1870	115	13	0.0086
PRO28L G/4*	400	480	0.41	330%	18.0%	9.0%	210%	1910	116	14	0.0056

OVERALL DIMENSIONS PRO28- ENCOMBREMENT PRO28 - GRÖSSE PRO28

FORMA - FORM B3/B14



FORMA - FORM SAE



FORMA - FORM	A	B	H
B3/B14	PRO 28S	922	225
	PRO 28M	1072	417
	PRO 28L	1137	482
SAE	PRO 28S	817	225
	PRO 28M	967	417
	PRO 28L	1032	482

TIPO - TYPE	C.G.
PRO28S A/4	376
PRO28S B/4	380
PRO28S C/4	394
PRO28S D/4	406
PRO28M E/4	452
PRO28M F/4	480
PRO28L G/4	513

SAE	FLANGIE - FLANGES - BRIDAS					
N.	Ø O	Ø P	Ø Q	n. fori holes No.	S	α
3	451	409.6	428.6	12	12	30°
2	490	447.68	466.7			
1	552	511.18	530.2			

SAE	GIUNTI A DISCO -COUPLING DISCS- JUNTAS A DISCOS						
N.	L	Ø d	Ø Q1	n. fori holes No.	S1	α1	T
11 1/2	39.6	352.42	333.37	8	10.5	45°	0
14	25.4	466.72	438.15	8	14	45°	17.3