

# SLT

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 <sub>A</sub> = 40°C	Class F T <sub>A</sub> = 40°C	Stand By 163°C/27°C	4/4	3/4	[m <sup>3</sup> / min]
<b>SLT18 MC</b>	<b>15</b>	15	14	16.5	85.6%	86%	5.2
<b>SLT18 MD</b>	<b>20</b>	20	18.5	23	86.1%	86.3%	5.5

## 60Hz - 1800rpm - cosφ = 0.8

TIPO - TYPE	Potenza resa Rating Power [kVA]				Rendimento Efficiency		Volume d'aria Air volume
	Nominal	Class H T <sub>A</sub> = 40°C	Class F T <sub>A</sub> = 40°C	Stand By 163°C/27°C	4/4	3/4	[m <sup>3</sup> / min]
<b>SLT18 MC</b>	<b>18</b>	18	17	20	87.4%	87.4%	5.6
<b>SLT18 MD</b>	<b>24</b>	24	22	27	87.8%	88.1%	5.7

TIPO - TYPE	Potenza resa Rating power [kVA]		Momento di inerzia Momentum of inertia [kg·m <sup>2</sup> ]				Peso Weight [kg]
	50Hz	60Hz	B2 SAE 7 1/2	B2 SAE 8	B2 SAE 10	B2 SAE 11 1/2	B2 SAE
<b>SLT18 MC</b>	15	18	0.192	0.201	0.218	0.237	114
<b>SLT18 MD</b>	20	24	0.211	0.220	0.236	0.256	122

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 <sub>d</sub>	X' <sub>d</sub>	X'' <sub>d</sub>	X <sub>q</sub>	T' <sub>do</sub>	T' <sub>d</sub>	T'' <sub>d</sub>	R [Ω at 20°C]
<b>SLT18 MC</b>	15	18	0.63	237%	18%	8%	131%	99	6	5	0.660
<b>SLT18 MD</b>	20	24	0.57	242%	19%	9%	133%	103	7	5	0.440

## OVERALL DIMENSIONS SLT - ENCOMBREMANT SLT - GRÖSSE SLT

