

Non-Standard Stators for Tritex Actuators

Providing custom stators for applications is a normal part of the everyday activity at Exlar and usually there very few restrictions. However, when ordering a non-catalog stator for Tritex actuators we have maximum speed limitations for various reasons. Please use the following speed and voltage limitations for non-catalog stators used with any Tritex product.

If you should come across the need for a higher speed winding outside of these limits, please contact Applications Engineering before proceeding. It may be possible to operate these windings, but the customer must be made

Lower voltage stators with the same RPM rating as higher voltage stators are not allowed. For example, a 1A8-50 is not allowed, a 118-40 is not allowed.

Tritex Models	Max Speed Limit at Rated Voltage
TLM020 & TSM020	5000 @ 48 V (1B8-50)
TLM030, TSM030	2000 @ 48 V (1B8-20)
RTM060, RTG060, RSM060, RSG060	5000 @ 48 V (1B8-50)
RTM090, RTG090, RSM090, RSG090	2500 @ 48 V (1B8-25)
Tritex II AC Models	
T2M/X090	4000 @ 240 V (138-40, 238-40)
T2M/X115	3000 @ 240 V (138-30)
R2M090, R2G90	4000 @ 240 V (238-40)
R2M115, R2G115	3000 @ 240 V (138-40)
Tritex II DC Models	
TDM/X060	5000 @ 48 VDC (1B8-50, 2B8-50)
TDM/X075	3000 @ 48 VDC (1B8-30, 2B8-30)
RDM060, RDG060	5000 @ 48 VDC (1B8-50, 2B8-50)
RDM090, RDG090	3300 @ 48 VDC (1B8-33)