

Elwood High Performance Motors

SX Series: Data for Kinetix 300 Servo Drives

The following table lists supplemental data required for creating a third party motor file for a Rockwell Automation Kinetix 300 (K300) servo drive. Elwood High Performance Motors produces a data sheet for each motor produced. The data below is supplemental to these data sheets but required for commissioning a third party motor on a Kinetix 300 servo drive. Please contact Elwood High Performance Motors with any questions.

Model #	Thermal Resistance, Rt (°C/W)	Thermal Time Constant, Ct (s)
M431-XXXX-XXXX	1.47	1800
M432-XXXX-XXXX	1.28	1800
M433-XXXX-XXXX	1.02	1800
M442-XXXX-XXXX	1.25	1800
M443-XXXX-XXXX	0.87	2400
M444-XXXX-XXXX	0.88	2400
M462-XXXX-XXXX	0.63	2100
M463-XXXX-XXXX	0.57	2700
M464-XXXX-XXXX	0.51	2820

Note:

X' in the model number is a place holder for options that do not effect the characteristics listed.