



CUSTOM-BUILT RANGE OF THREE-PHASE AUTO WOUND MOTOR STARTING TRANSFORMERS

Class E or Class F options.

2-6 starts per hour, 7-15 starts per hour, and 16-40 starts per hour.

Maximum run up/start time 45 seconds.

Minimum tapping 40%.

Can be either open or enclosed from IP23 to IP55.



Auto wound motor starting transformer

Two ranges of either Class E (120 °C) or Class F (155 °C) auto wound motor starting transformers. These units are custom-built and can be supplied as open or enclosed units. All transformers are air cooled and fully varnish impregnated with a Class H varnish finish. Connections are via high current, non-rotating stud terminals. These connections are shrouded with a Perspex cover plate. Heat sensors or thermal cutouts can be fitted to each winding. A full range of ventilated enclosures is available for all types.

Reference (Class E) 2-6 Starts per hour	Size (Class E)	HP Rating	kW Rating	Reference (Class E) 7-15 Starts per hour	Size (Class E)	HP Rating	kW Rating	Reference (Class E) 16-40 Starts per hour	Size (Class E)	HP Rating	kW Rating	Enclosure Reference
MS/20/2-6/E	TE 2400	20	15	MS/13/7-15/E	TE 2400	13	10	MS/9/16-40/E	TE 2400	9	7	EPN 4
MS/27/2-6/E	TE 3200	27	20	MS/20/7-15/E	TE 3200	20	15	MS/12/16-40/E	TE 3200	12	9	EPN 4
MS/34/2-6/E	TE 4000	34	25	MS/27/7-15/E	TE 4000	27	20	MS/13/16-40/E	TE 4000	13	10	ETT 2
MS/40/2-6/E	TE 5000	40	30	MS/34/7-15/E	TE 5000	34	25	MS/16/16-40/E	TE 5000	16	12	ETT 2
MS/47/2-6/E	TE 6000	47	35	MS/40/7-15/E	TE 6000	40	30	MS/18/16-40/E	TE 6000	18	13	ETT 2
MS/60/2-6/E	TE 7000	60	45	MS/47/7-15/E	TE 7000	47	35	MS/22/16-40/E	TE 7000	22	16	ETT 3
MS/74/2-6/E	TE 8000	74	55	MS/53/7-15/E	TE 8000	53	40	MS/27/16-40/E	TE 8000	27	20	ETT 3
MS/107/2-6/E	TE 10000	107	80	MS/67/7-15/E	TE 10000	67	50	MS/32/16-40/E	TE 10000	32	24	ETT 3
MS/134/2-6/E	TE 12500	134	100	MS/80/7-15/E	TE 12500	80	60	MS/40/16-40/E	TE 12500	40	30	ETT 3
MS/175/2-6/E	TE 16000	175	130	MS/107/7-15/E	TE 16000	107	80	MS/51/16-40/E	TE 16000	51	38	ETT 3
MS/215/2-6/E	TE 20000	215	160	MS/134/7-15/E	TE 20000	134	100	MS/65/16-40/E	TE 20000	65	48	ETT 4
MS/270/2-6/E	TE 25000	270	200	MS/160/7-15/E	TE 25000	160	120	MS/80/16-40/E	TE 25000	80	60	ETT 4
MS/335/2-6/E	TE 31500	335	250	MS/200/7-15/E	TE 31500	200	150	MS/100/16-40/E	TE 31500	100	75	ETT 5
MS/430/2-6/E	TE 40000	430	320	MS/255/7-15/E	TE 40000	255	190	MS/134/16-40/E	TE 40000	134	100	ETT 5
MS/540/2-6/E	TE 50000	540	400	MS/320/7-15/E	TE 50000	320	240	MS/160/16-40/E	TE 50000	160	120	ETT 5

Reference (Class F) 2-6 Starts per hour	Size (Class E)	HP Rating	kW Rating	Reference (Class F) 7-15 Starts per hour	Size (Class E)	HP Rating	kW Rating	Reference (Class F) 16-40 Starts per hour	Size (Class E)	HP Rating	kW Rating	Enclosure Reference
MS/134/2-6/F	TE 10000	134	100	MS/80/7-15/F	TE 10000	80	60	MS/40/16-40/F	TE 10000	40	30	ETT 3
MS/175/2-6/F	TE 12500	175	130	MS/107/7-15/F	TE 12500	107	80	MS/51/16-40/F	TE 12500	51	38	ETT 3
MS/215/2-6/F	TE 16000	215	160	MS/134/7-15/F	TE 16000	134	100	MS/65/16-40/F	TE 16000	65	48	ETT 3
MS/270/2-6/F	TE 20000	270	200	MS/160/7-15/F	TE 20000	160	120	MS/80/16-40/F	TE 20000	80	60	ETT 4
MS/335/2-6/F	TE 25000	335	250	MS/200/7-15/F	TE 25000	200	150	MS/100/16-40/F	TE 25000	100	75	ETT 4
MS/430/2-6/F	TE 31500	430	320	MS/255/7-15/F	TE 31500	255	190	MS/134/16-40/F	TE 31500	134	100	ETT 5
MS/540/2-6/F	TE 40000	540	400	MS/320/7-15/F	TE 40000	320	240	MS/160/16-40/F	TE 40000	160	120	ETT 5
MS/670/2-6/F	TE 50000	670	500	MS/400/7-15/F	TE 50000	400	300	MS/174/16-40/F	TE 50000	174	130	ETT 5

To allow for increased height including stud terminals add 120 mm

Information required when ordering:

Line/line voltage, frequency, HP or KW rating, Class of insulation (E or F), whether the transformer is to be open or enclosed, number of starts per hour, % voltage tappings, whether a thermistor or auto reset cutout is to be fitted, and run up time (if in excess of 45 seconds).

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