

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 355MTFC4543
Catalog No: 355MTFC4543
335,1800,TEFC,355M,3/60/460

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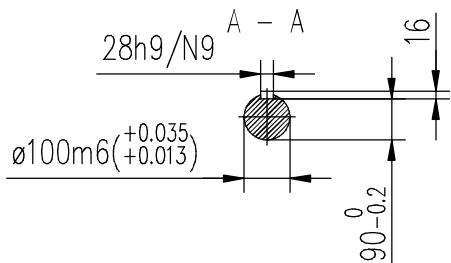
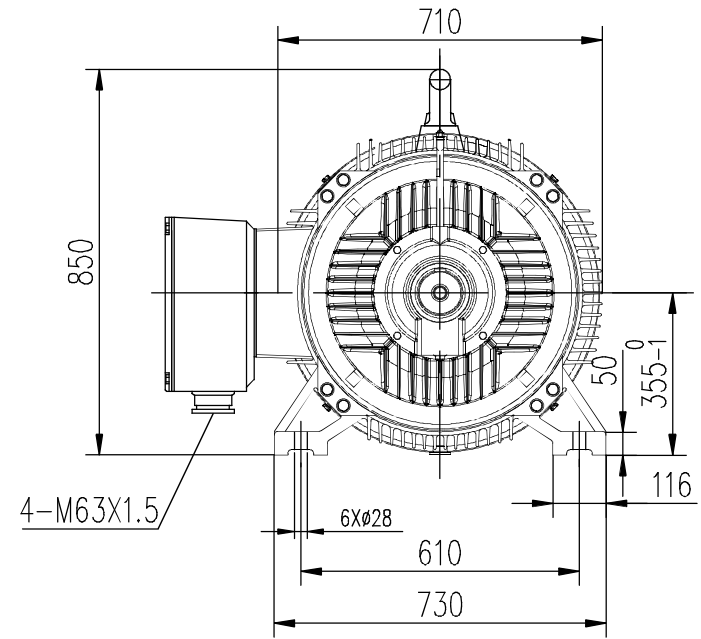
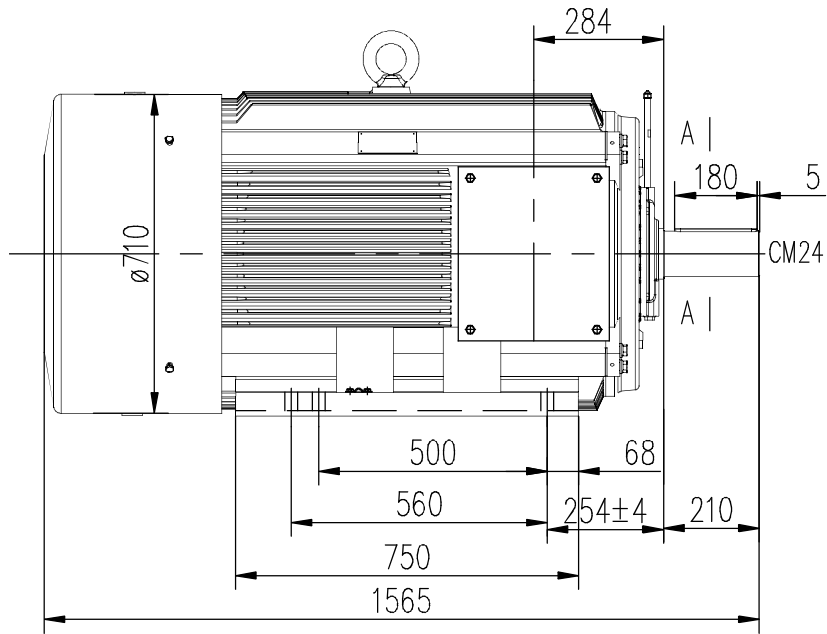
Nameplate Specifications


Phase	3	Output HP	335 Hp
Output KW	250.0 kW	Voltage	460 V
Speed	1792 rpm	Service Factor	1.15
Frame	355M	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	95.4 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	365.0 A	Power Factor	88
Duty	Continuous	Insulation Class	F
Design Code	N (IEC)	KVA Code	K
Drive End Bearing Size	6322	Opp Drive End Bearing Size	6322
UL	Recognized	CSA	N
CE	Y	IP Code	55
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Part Wdg Start & Wye Start Delta Run Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.019 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	IEC	Assembly/Box Mounting	F1 ONLY
Outline Drawing	SS620539	Connection Drawing	EE7304AS

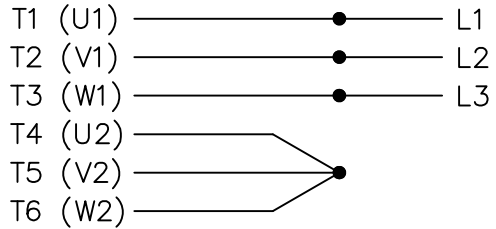
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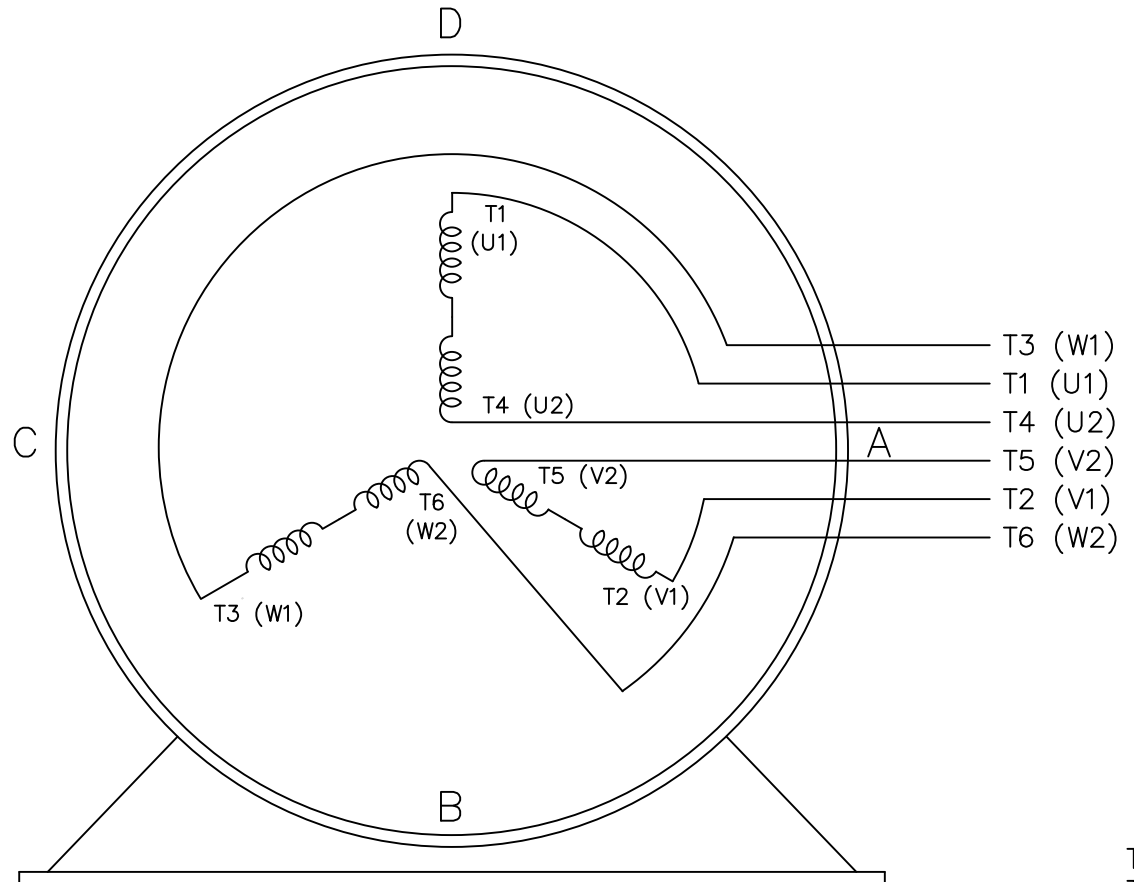
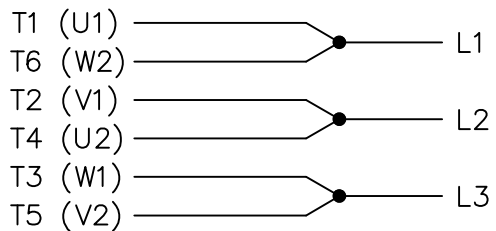
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		.XX	±.76		TITLE	SCALE
		.XXX	±.127		OUTLINE Y2 355M FR.	REF
		.XXXX	±.0127		4,6,8P F1 casting iron	FMF
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NO.	REVISION	BY & DATE	CHK	ANG	FINISH	
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THREE PHASE – DUAL VOLTAGE

HIGH VOLTAGE
'Y' CONNECTION




LOW VOLTAGE – DELTA



VIEW OF TERMINAL END

T2DL
T2C
T4CC
T4AY
T4AZ
WP=T4J1

				TOLERANCES UNLESS SPECIFIED		 REGAL-BELOIT CORPORATION	DRAWN MSG 02-11-2010			
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