PRODUCT INFORMATION PACKET

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

marathon® Motors

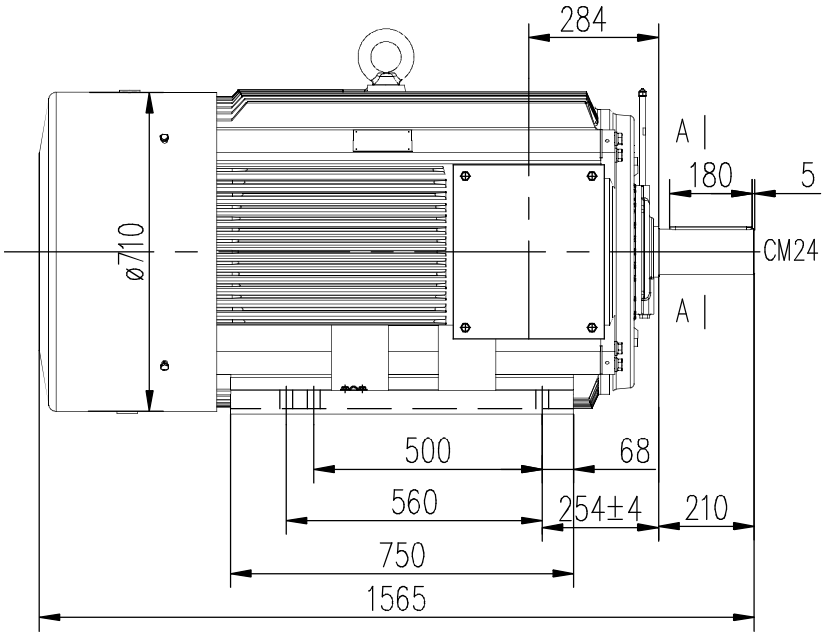
Nameplate Specifications

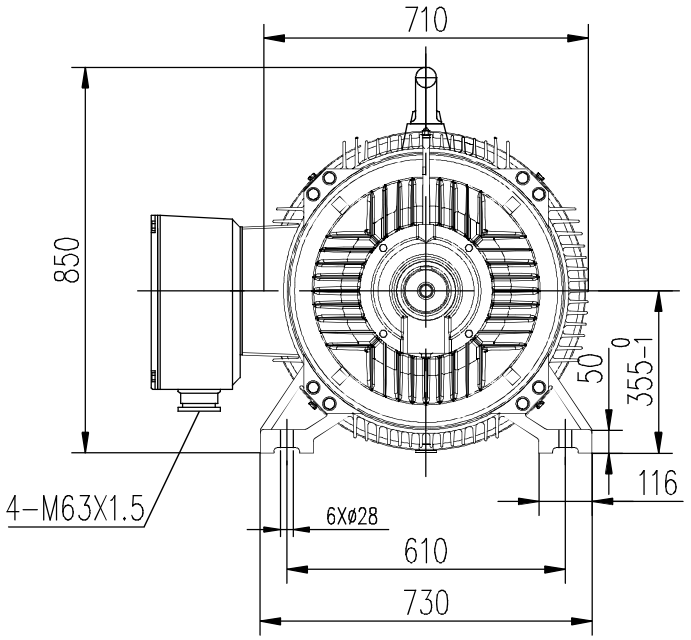
Phase	3	Output HP	335 Hp
Output KW	250.0 kW	Voltage	460 V
Speed	1792 rpm	Service Factor	1.15
Frame	355M	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	95.4 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	365.0 A	Power Factor	88
Duty	Continuous	Insulation Class	F
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		

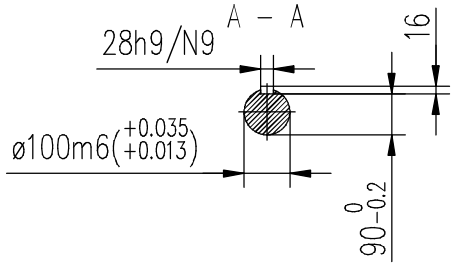
Technical Specifications

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

SS620539







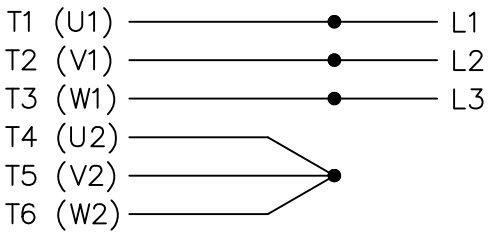
			TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC		DRAWN	CHJ 1.14.2012
			DEC.	METRIC			CHK	XJG 1.14.2012
			.X	±2.5			APPD	ZYH 1.14.2012
			.XX	±.76	TITLE	OUTLINE Y2 355M FR.	SCALE	
			.XXX	±.127		4,6,8P F1 casting iron	REF	
			.XXXX	±.0127	MAT'L.		FMF	
NO.	REVISION	BY & DATE	CHK	ANG ±1/2	FINISH		PREV	

RFP	CAD FILE	SS620539	SIZE	DRAWING NO.	REV.
DIST			B	SS620539	

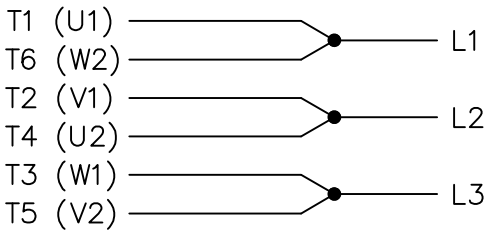
EE7304AS

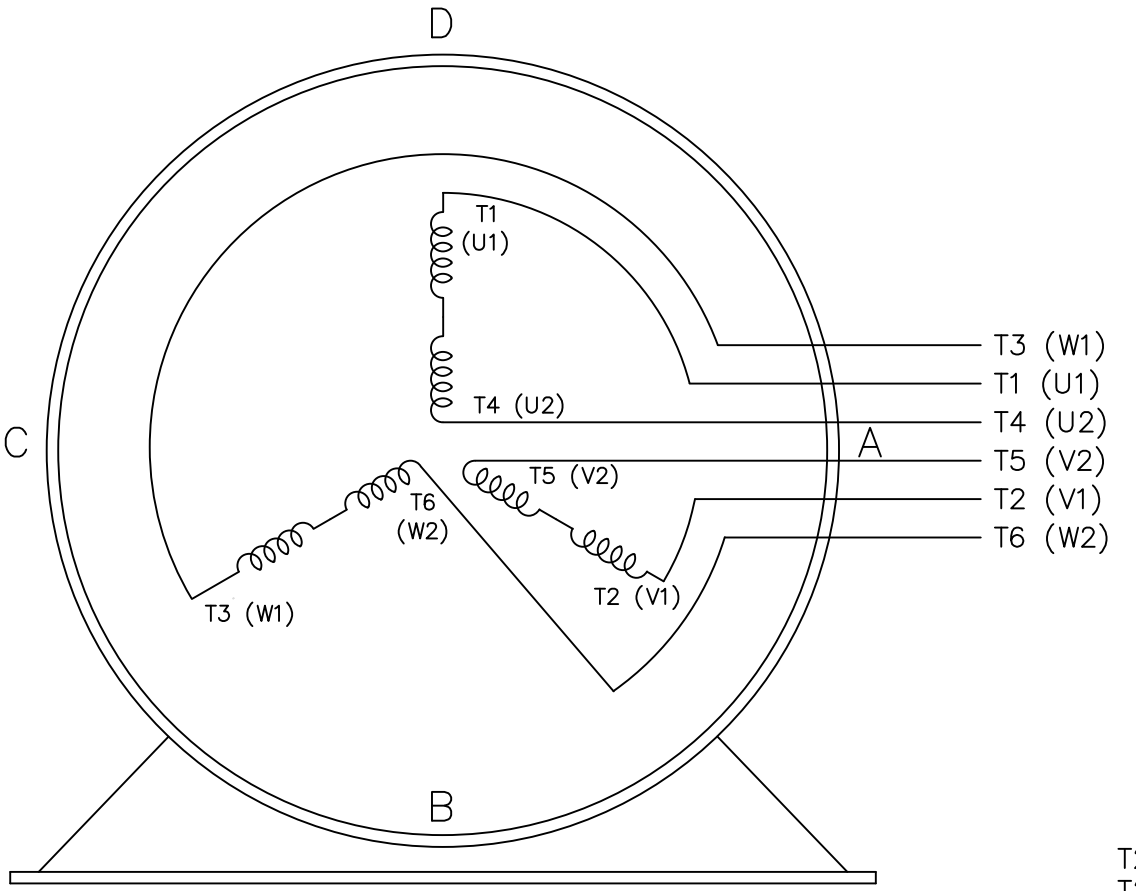
THREE PHASE – DUAL VOLTAGE

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
				DEC.	INCHES		CHK SB 02–12–2010
				.X	±.1		APPD MJS 02–12–2010
				.XX	±.02	TITLE CONNECTION DIAGRAM THREE PHASE – DUAL VOLTAGE	SCALE 1=1
				.XXX	±.005		REF
				.XXXX	±.0005	MAT'L.	FMF
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH	PREV

RFP 02–15–2010	CAD FILE EE7304AS	SIZE	DRAWING NO. PAGE OF	REV.
DIST		A	EE7304AS	

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