

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 256TTFL4006

Catalog No: U351

Close-Coupled Pump Motor, 20 & 15 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 3600 & 3000 RPM,
256JM Frame, TEFC



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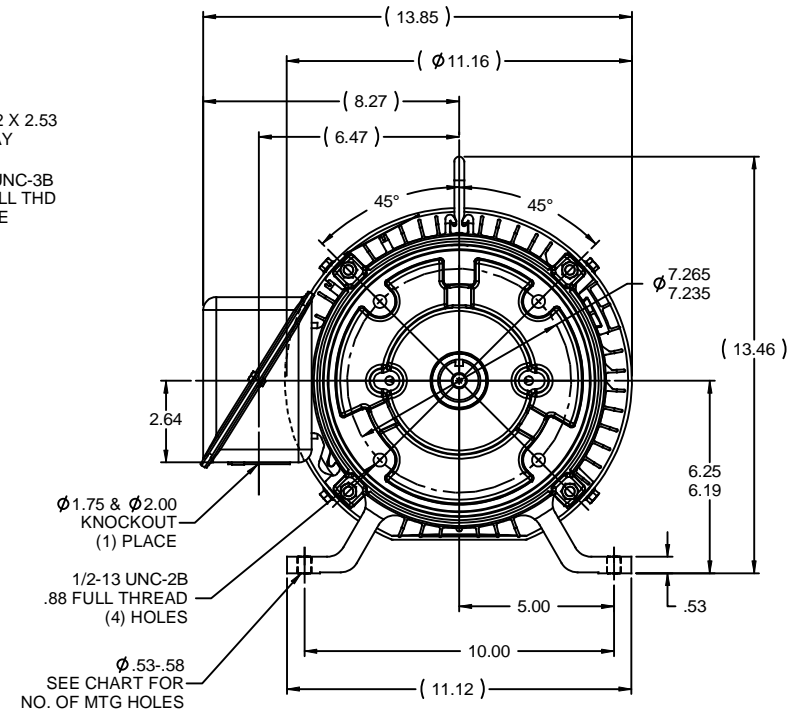
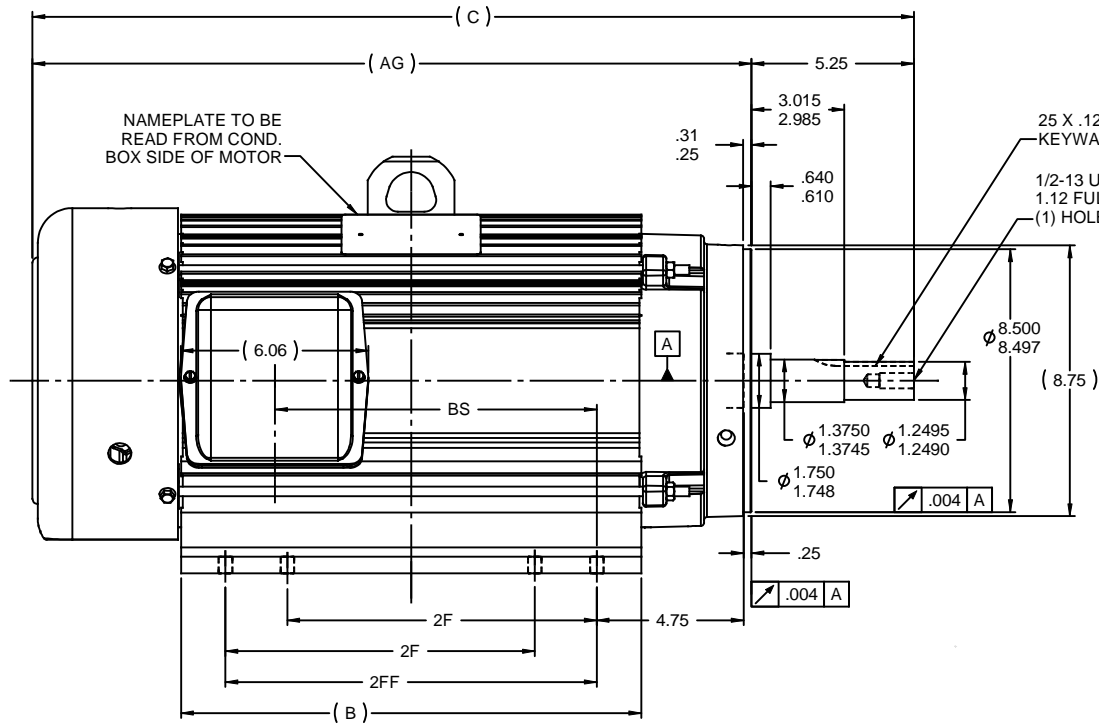
RegalRexnord

Nameplate Specifications

Phase	3	Output HP	20 & 15 Hp
Output KW	14.9 & 11.2 kW	Voltage	230/460 & 190/380 V
Speed	3510 & 2915 rpm	Service Factor	1.15 & 1.15
Frame	256JM	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	90.2 & 90.2 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	47/23.5 & 43/21.5 A	Power Factor	87.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6207
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	.49 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Aluminum
Shaft Type	JM	Overall Length	28.49 in
Frame Length	14.75 in	Shaft Diameter	1.250 in
Shaft Extension	5.28 in	Assembly/Box Mounting	F1/F2 Capable
Connection Drawing	A-EE7308	Outline Drawing	B-SS330112-1475



DASH	FR.	C	B	2F	2FF	AG	BS	F1/F2	NO. OF MTG HOLES
1100	254	24.74	11.12	8.25	---	19.49	6.65	YES	4
1150	254	25.24	11.67	8.25	---	19.99	7.15	NO	4
1275	254/6	26.49	12.87	8.25	10.00	21.24	8.40	YES	8
1275A	256	26.49	12.87	10.00	---	21.24	8.40	YES	4
1325	254	26.99	13.37	8.25	10.50	21.74	8.90	YES	8
1325A	256	26.99	13.37	10.00	---	21.74	8.90	NO	4
1475	256	28.49	14.87	10.00	---	23.24	10.40	YES	8

NOTES:

- 1) BOX CAN BE ROTATED IN 180° STEPS
- 2) SEE CHART FOR F2 CAPABILITY. IF YES: BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°
- 3) NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR

				TOLERANCES UNLESS SPECIFIED	MARATHON ELECTRIC	DRAWN DRS 02-27-2006	
				DEC INCHES		CHK ML 02-27-2006	
3	CLARIFIED DASH 1275 & 1325 MTG HOLES	CN09-3560	TJW 9/18/2009	CTO X ±.1	TITLE OUTLINE - C'FACE 210 FR. - 254/256 MTG - AL FRAME - TEFC	APPR BW 02-27-2006	
2	REVISE THE DASH 1275 & 1325 ON CHART		RWR 12-26-2007	ML XX ±.03		SCALE 1:4	
1	RE-ISSUE - ADD 4/8 MTG. HOLES TO CHART AND			XXX ±.005		REF SS84286	
	RE-POSITION VIEWS SO TEXT CAN BE READ EASILY		RWR 07-11-2007	ML XXXX ±.0005		FMF	
NO	REVISION		BY & DATE	CHK ANG ±7'30"	MATL	PREV	
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				DIST LB			SS330112
							REV 3



				TOLERANCES UNLESS SPECIFIED		 Regal Beloit America, Inc.	DRAWN RM 11/20/1990				
5	CHG TO REGAL LOGO	SL 09/10/2015	AB	DEC.	INCHES		CHK ML 11/21/1990				
4	REVISED IEC NOTATIONS	MSG 11/15/2011	CMN	.X	±.1		APPD SAS 04/24/2003				
3	ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194	MSG 5/10/2010	MJS	.XX	±.02		SCALE 1=1				
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XXX	±.005	TITLE CONNECTION DIAGRAM 3ø – DUAL VOLTAGE MOTOR	REF				
1	REDRAWN	RM 11/20/1990		.XXXX	±.0005	MAT'L.	FMF				
NO.	REVISION	BY & DATE	CHK	ANG	±7"30"	FINISH	PREV				
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