

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 284TTDP4022

Catalog No: U231

Close-Coupled Pump Motor, 30 & 25 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 3600 & 3000 RPM,
284JP Frame, DP



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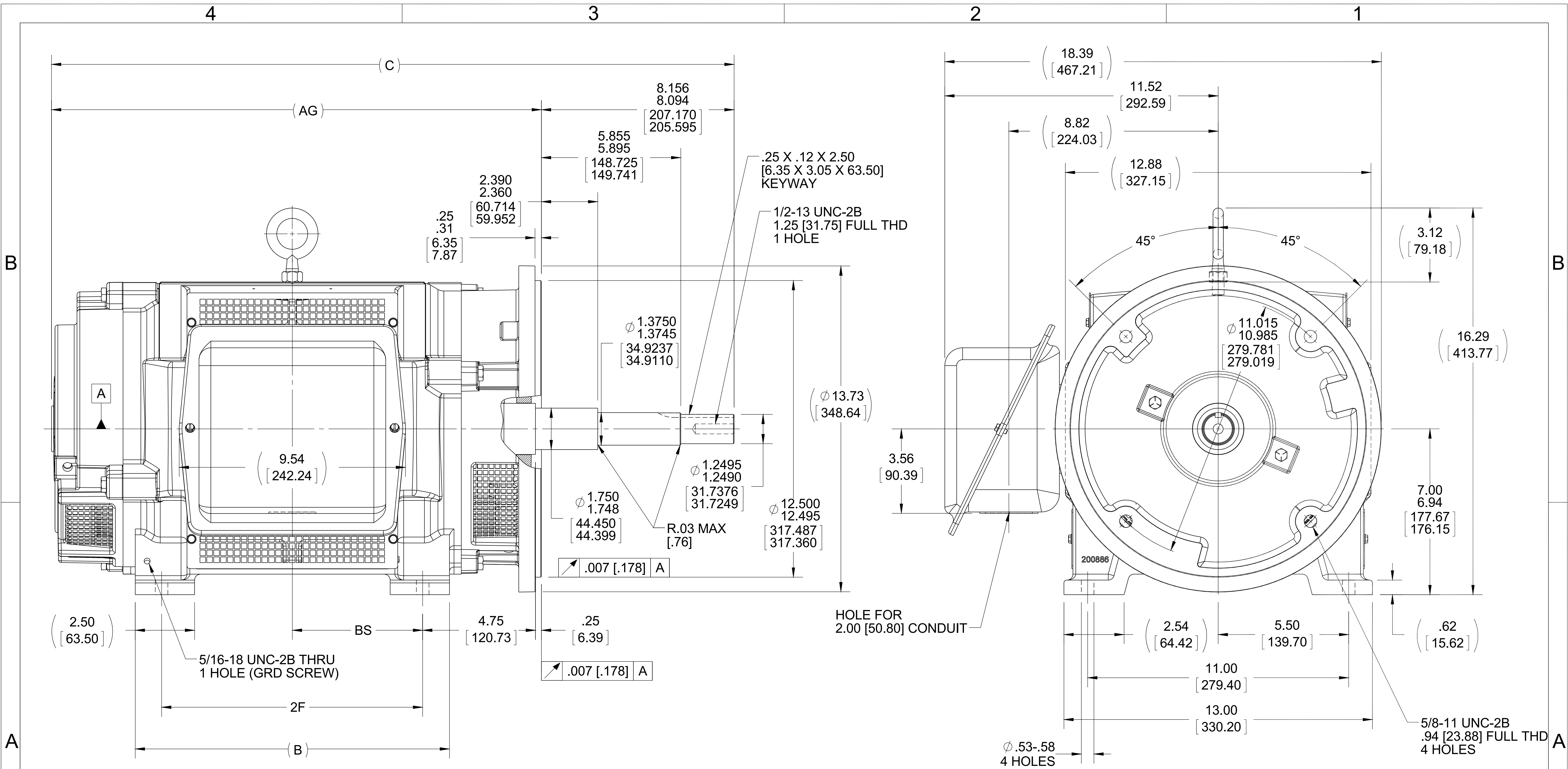
RegalRexnord

Nameplate Specifications

Phase	3	Output HP	30 & 25 Hp
Output KW	22.4 & 18.7 kW	Voltage	230/460 & 190/380 V
Speed	3530 & 2935 rpm	Service Factor	1.15 & 1.0
Frame	284JP	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	91 & 91.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	72/36 & 71/35.5 A	Power Factor	85.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	F
Drive End Bearing Size	6311	Opp Drive End Bearing Size	6210
UL	Recognized	CSA	Y
CE	Y	IP Code	23
Number of Speeds	1		

Technical Specifications

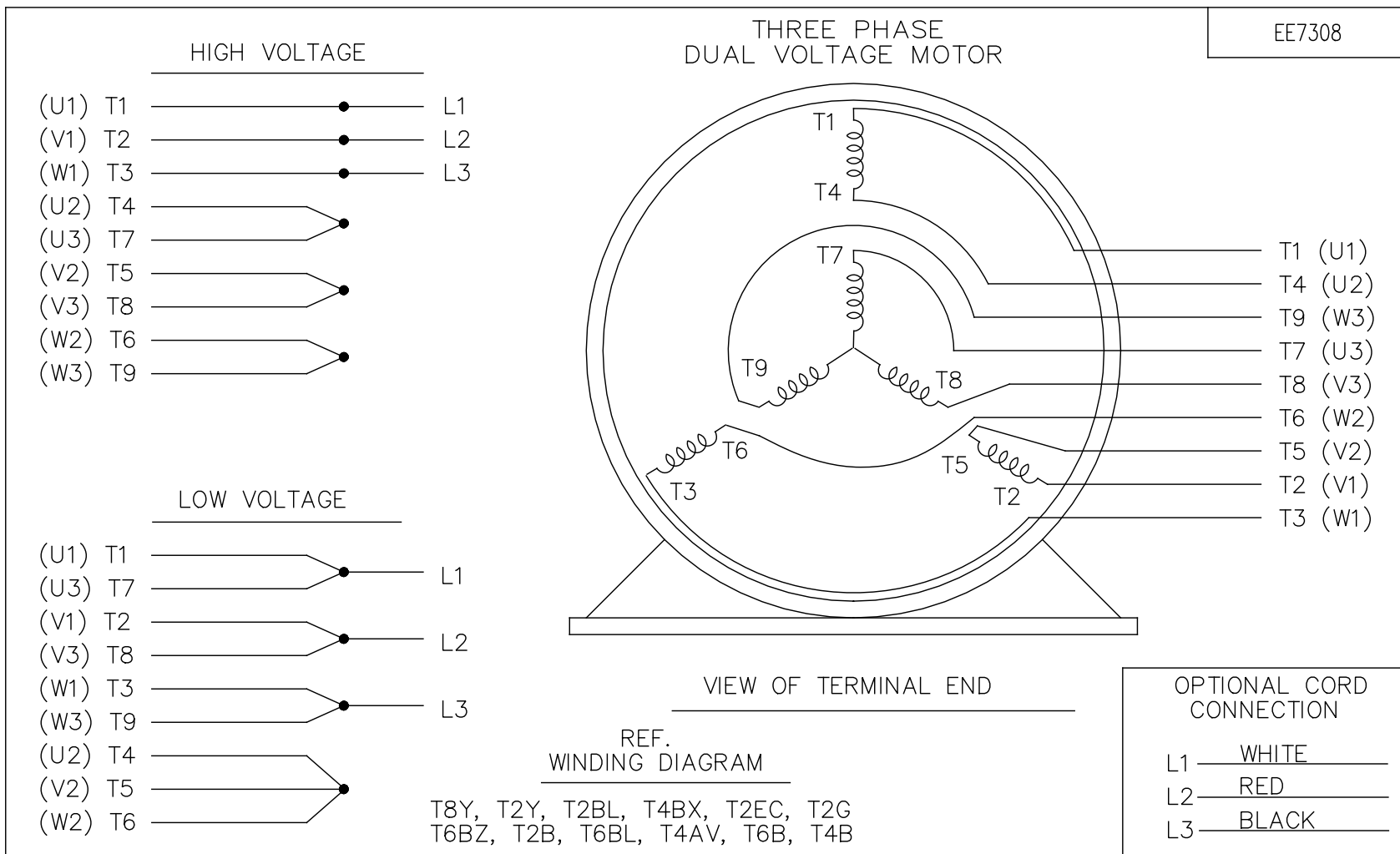
Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	.364 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	JP	Overall Length	27.18 in
Frame Length	12.75 in	Shaft Diameter	1.250 in
Shaft Extension	8.15 in	Assembly/Box Mounting	F1/F2 Capable
Outline Drawing	B-SS200412-1275	Connection Drawing	A-EE7308



- NOTES:
1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS
 2. CONDUIT 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

DASH	FRAME	B	C	2F	AG	2F
1275	284JP	11.75 [298.45]	27.18 [690.37]	9.50 [241.30]	19.06 [484.12]	4.75 [120.65]
1425	286JP	13.25 [336.55]	28.68 [728.47]	11.00 [279.40]	20.56 [522.22]	5.50 [139.70]

DRAWING REVISION A		REVISION BY W. JOERGER		DATE 02-06-2016		TOLERANCES UNLESS OTHERWISE SPECIFIED:				DRAWN BY DA		 Regal Beloit America, Inc.			
ECO ECO-0092706		APPROVED BY E. HEIL		DATE 02-06-2016		DEC. INCH mm ANGLE .X ±0.1 [±2.5] ±7° 30" .XX ±0.03 [±0.76] .XXX ±0.005 [±0.127] .XXXX ±0.0005 [±0.0127]				DATE 10-07-1992		 THIRD ANGLE PROJECTION			
ECO DESCRIPTION .007 RUNOUT TOLERANCE WAS .004						APPROVED BY GK		DESCRIPTION DP - 280JP FR - TS - DBL END VENT - BB - CI							
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REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [0.076/.381] X 45° CORNER FILLETS: R.02 [.51] MACHINED SURFACES: 200 INCH 5.1 mm mm SHOWN IN [BRACKETS]						REFERENCE		SIZE B		DRAWING NUMBER SS200412					



				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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