

PRODUCT INFORMATION PACKET



Model No: 284TTDP4045

Catalog No: U229

25 HP Close-Coupled Pump Motor, 3 phase, 1800 RPM, 575 V, 284JP Frame, ODP
Close-Coupled Pump Motors

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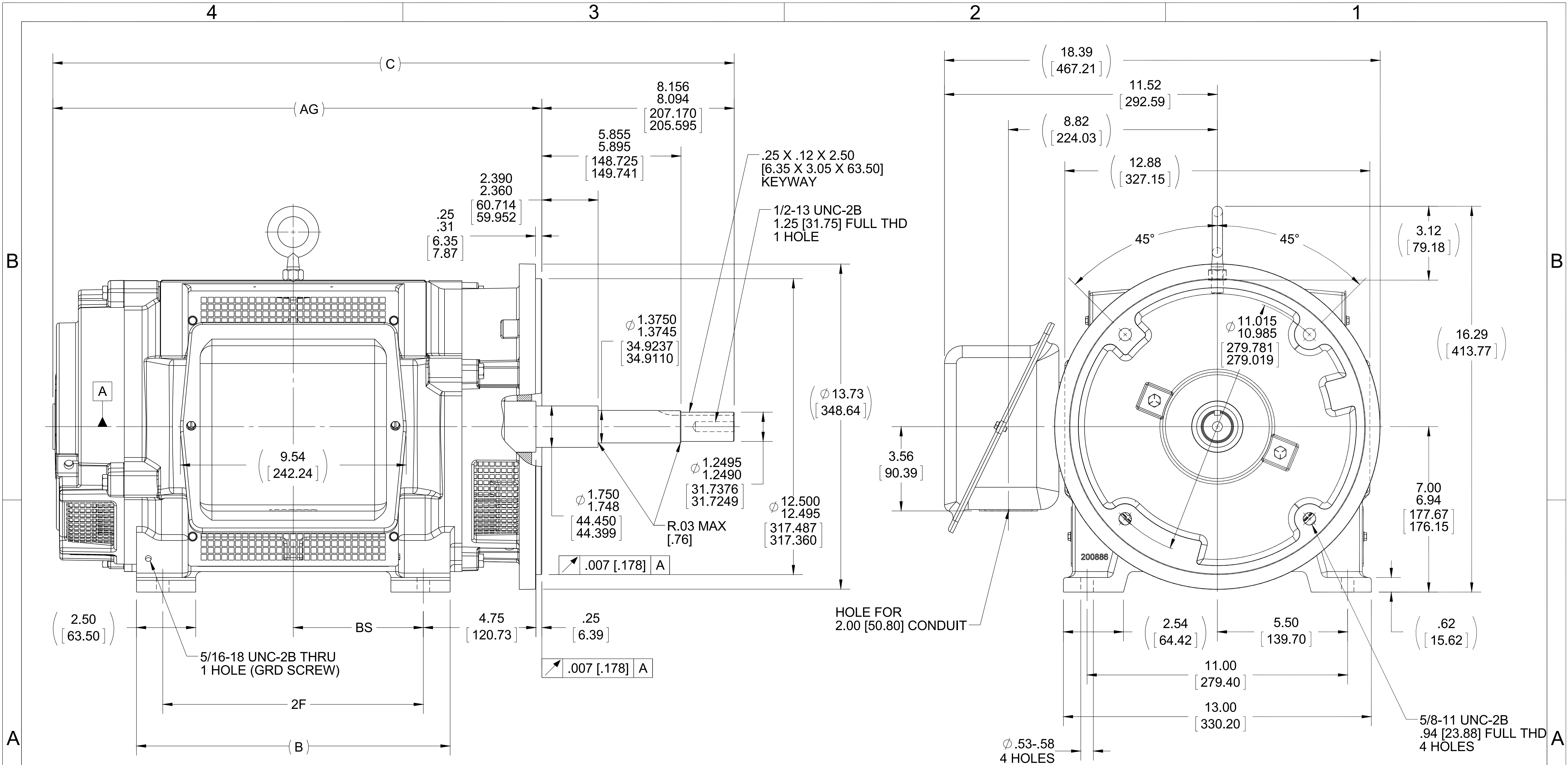


Nameplate Specifications

Output HP	25 Hp	Output KW	18.7 kW
Frequency	60 Hz	Voltage	575 V
Current	24.4 A	Speed	1765 rpm
Service Factor	1.15	Phase	3
Efficiency	91.7 %	Power Factor	84
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	F
Frame	284JP	Enclosure	Drip Proof
Thermal Protection	No	Ambient Temperature	40 °C
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	4	Rotation	Reversible
Resistance Main	.399 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
Connection Drawing	A-EE7300	Outline Drawing	B-SS200412-1275



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
ECO ECO-0092706	APPROVED BY E. HEIL	DATE 02-06-2016
ECO DESCRIPTION .007 RUNOUT TOLERANCE WAS .004		
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TOLERANCES UNLESS OTHERWISE SPECIFIED:

<u>DEC.</u>	<u>INCH</u>	<u>mm</u>	<u>ANGLE</u>
.X	±0.1	[±2.5]	±7° 30'
.XX	±0.03	[±0.76]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	

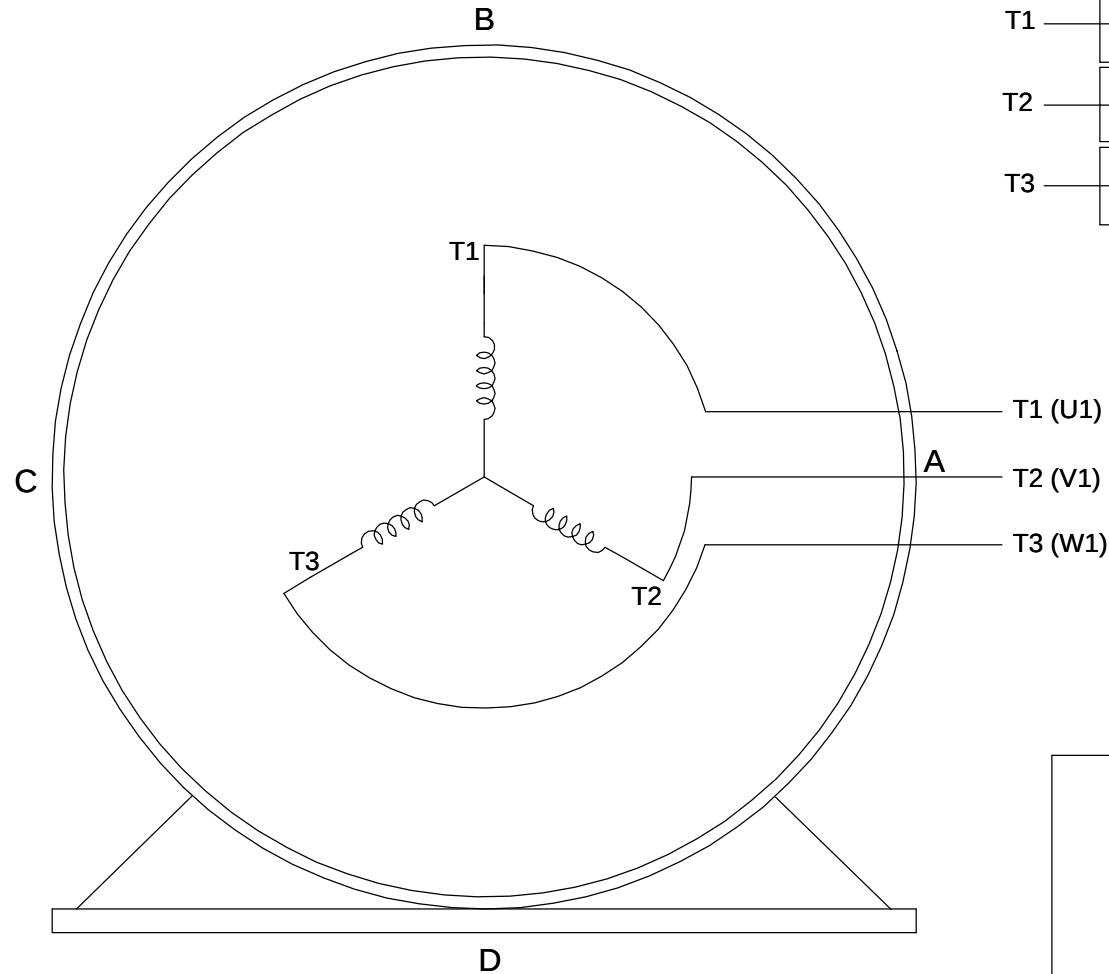
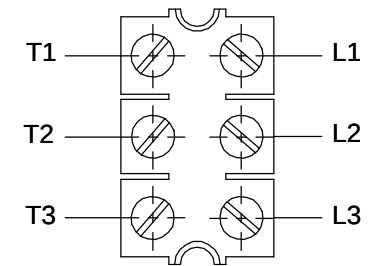
REMOVE BURRS & BREAK SHARP
 EDGES: .003/.015 [.076/.381] X 45°
 CORNER FILLETS: R.02 [.51]
 MACHINED SURFACES: 200 5.1
 INCH mm
 mm SHOWN IN [BRACKETS]

DRAWN BY DA		 Regal Beloit America, Inc.	
DATE 10-07-1992			
APPROVED BY GK		OUTLINE DP - 280JP FR - TS - DBL END VENT - BB - CI	
DATE 10-08-1992			
REFERENCE		MATERIAL	PROCESS/FINISH
THIRD ANGLE PROJECTION 	SIZE B	DRAWING NUMBER SS200412	SHEET 1 OF 1

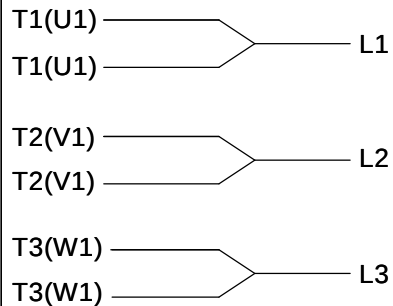
THREE PHASE - SINGLE VOLTAGE
MOTOR - CONDUIT BOX @ 'A'

TO REVERSE ROTATION:
INTERCHANGE ANY TWO
LINE LEAD CONNECTIONS.

TERMINAL BLOCK WHEN SPECIFIED



IF MOTOR HAS
6 LEADS



A-9806 DECAL

OPTIONAL CORD
CONNECTION



VIEW OF TERMINAL END

DRAWING REVISION AB	REVISION BY JJB	DATE 06-27-2017
ECO ECO-0125361	APPROVED BY TB	DATE 06-27-2017
ECO DESCRIPTION UPDATED TO CURRENT STANDARDS		
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DRAWN BY DA
DATE 03-26-1993
APPROVED BY TB
DATE 03-26-1993
REFERENCE
THIRD ANGLE PROJECTION



Regal Beloit America, Inc.

DESCRIPTION
CONNECTION DIAGRAM
EXTERNAL - SINGLE VOLTAGE - 3Ø MOTOR

MATERIAL PROCESS/FINISH

SIZE A	DRAWING NUMBER EE7300	SHEET 1 OF 1
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