

PRODUCT INFORMATION PACKET

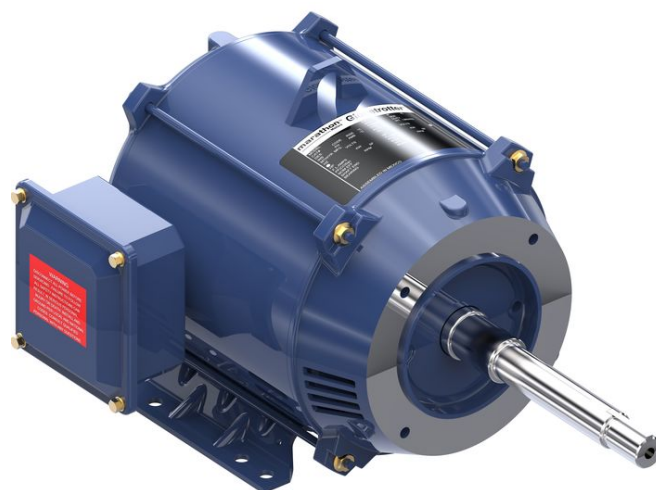
marathon®
Motors

Model No: 182TTDBD6095

Catalog No: GT2505A

1.50 HP Close-Coupled Pump Motor, 3 phase, 1200 RPM, 575 V, 182JP Frame, ODP

Close-Coupled Pump Motors



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RegalRexnord

Nameplate Specifications

Output HP	1.50 Hp	Output KW	1.1 kW
Frequency	60 Hz	Voltage	575 V
Current	1.9 A	Speed	1180 rpm
Service Factor	1.15	Phase	3
Efficiency	86.5 %	Power Factor	70
Duty	Continuous	Insulation Class	F
Design Code	A	KVA Code	N
Frame	182JP	Enclosure	Drip Proof
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6307	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

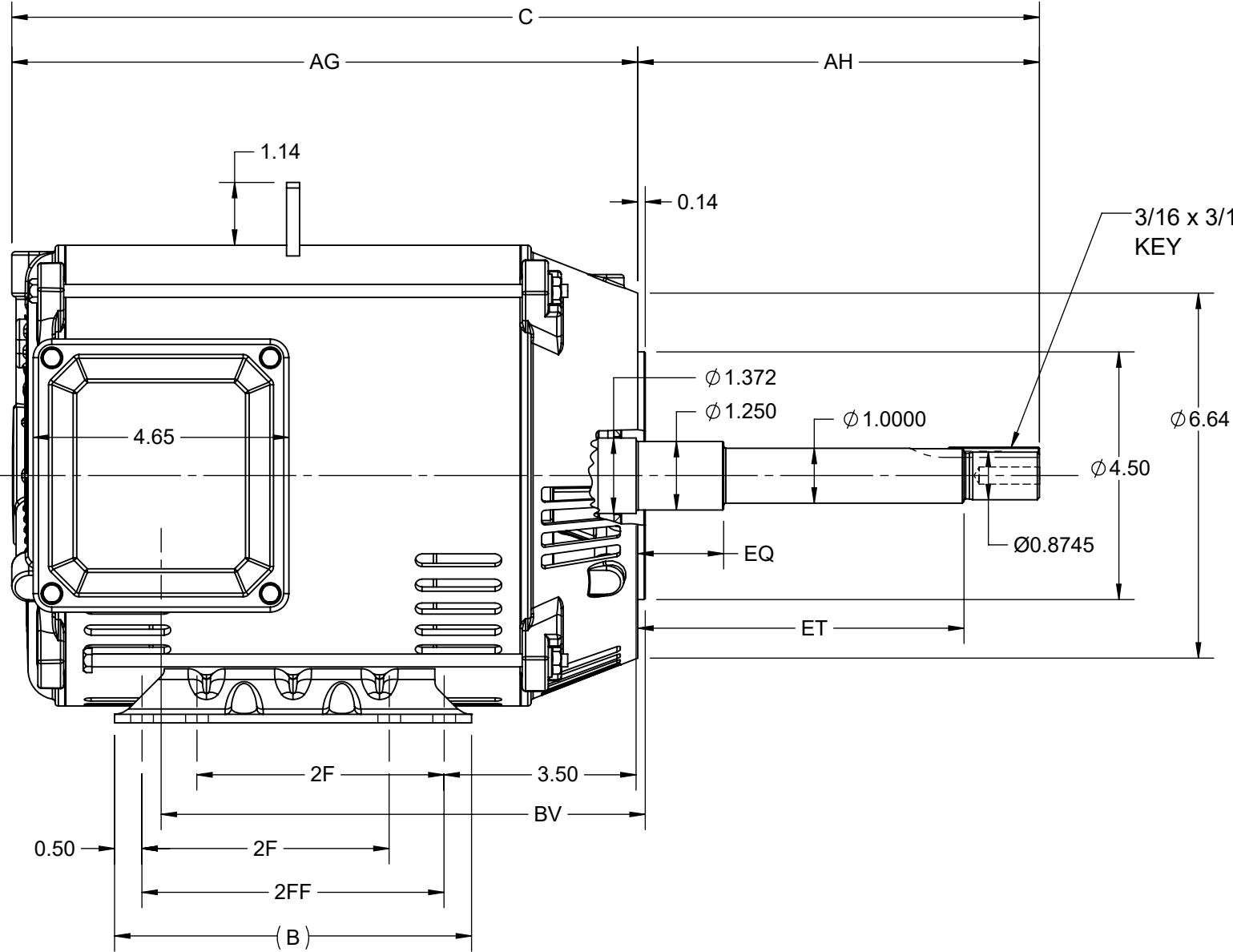
Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	6	Rotation	Reversible
Resistance Main	9.48 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	JP	Shaft Diameter	1.250 in
Assembly/Box Mounting	F1/F2 CAPABLE	Inverter Load	CONSTANT 2:1/VARIABLE 10:1
Outline Drawing	SS600205-100	Connection Drawing	EE7300

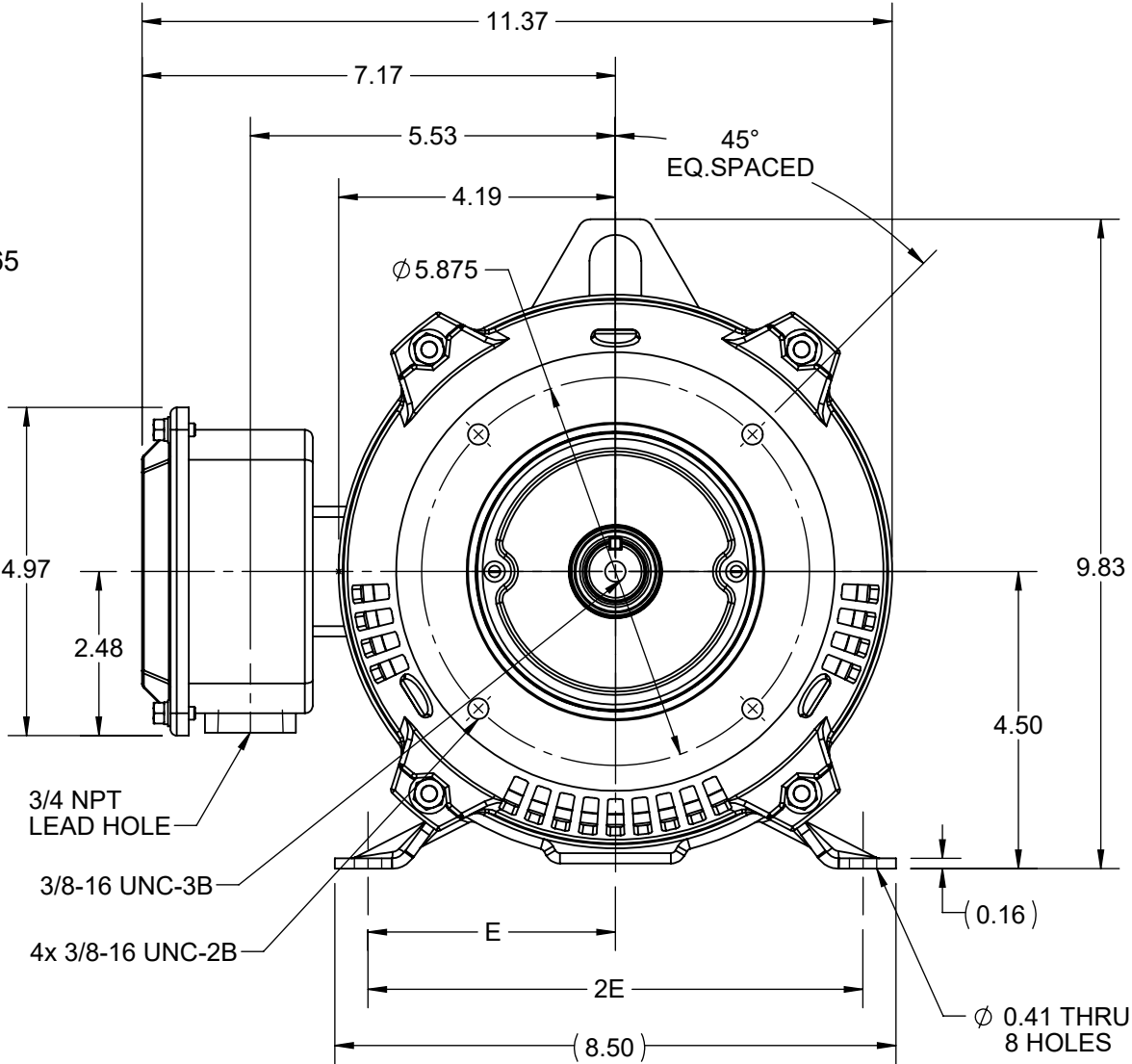
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4				3						2			1	
DASH NO.	B	C	E	2E	2F	2FF	AG	AH	BV	EQ	ET	MOUNTING	FRAME	
100	6.50	17.70	3.75	7.50	4.50	5.50	10.39	7.31	8.81	1.56	5.93	F1 OR F2	182JP	
200		18.70					11.39						184JP	

B

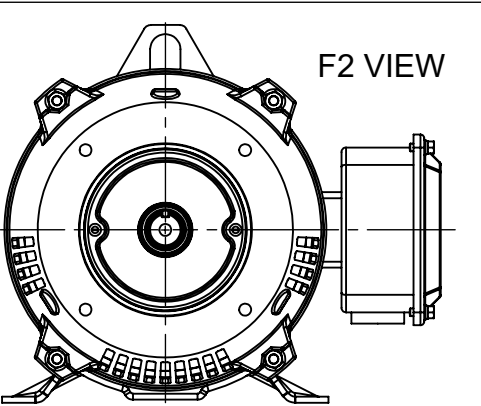


B



A

A



DRAWING REVISION B	REVISION BY ASHOK N	REV DATE/© DATE 15/02/2021
ECO CR-0001098	APPROVED BY GNK	DATE 15/02/2021
ECO DESCRIPTION DRAWING UPDATED		
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DRAWN BY MSH	 Regal Beloit America, Inc.		
DATE 18/04/2018			
APPROVED BY SBD	DESCRIPTION OUTLINE		
DATE 18/04/2018	182/184JP FR-NEMA-ODP-RS		
REFERENCE	MATERIAL	PROCESS/FINISH	
THIRD ANGLE PROJECTION 	SIZE B	DRAWING NUMBER SS600205	SHEET 1 OF 1

4

3

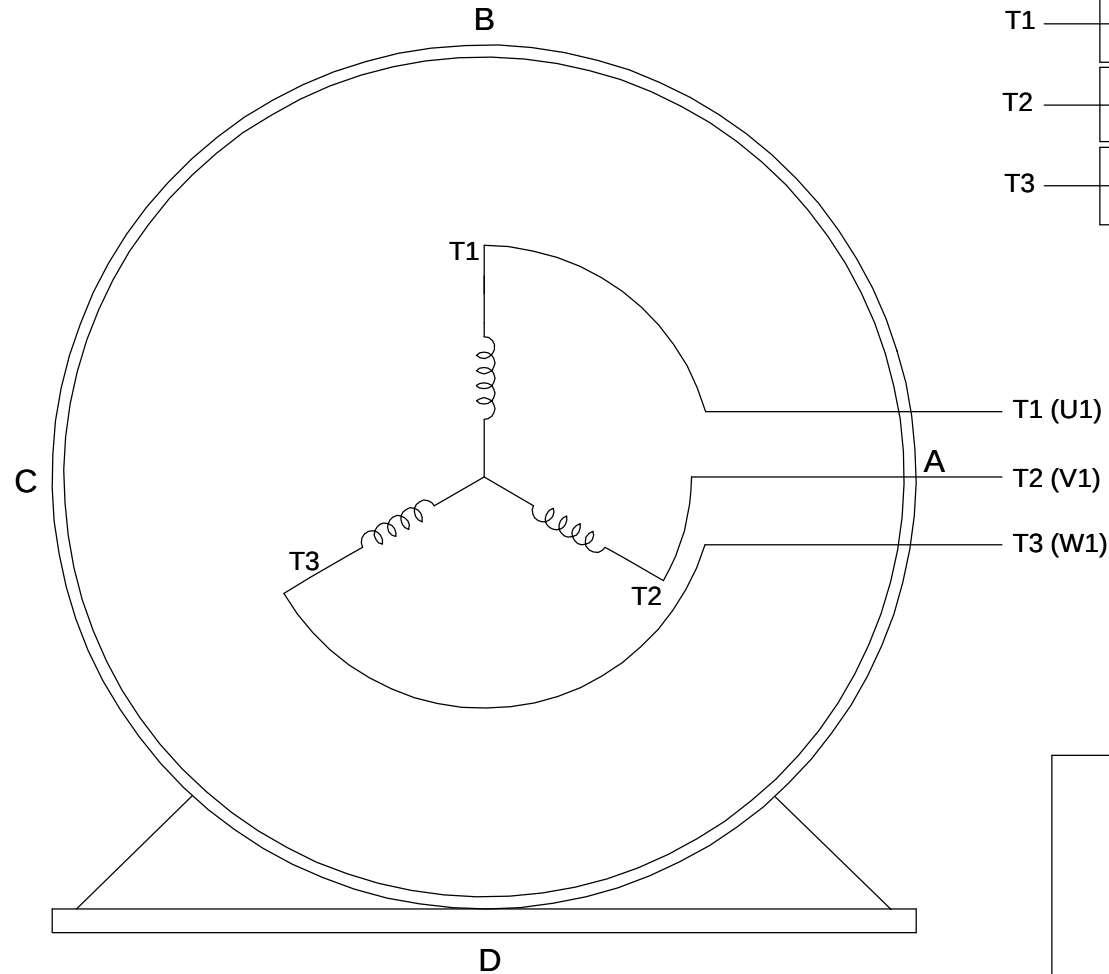
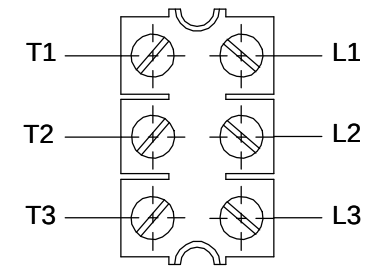
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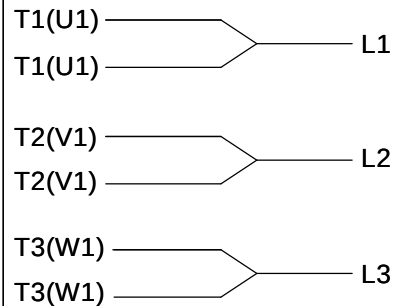
THREE PHASE - SINGLE VOLTAGE MOTOR - CONDUIT BOX @ 'A'

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	DRAWN BY DA		 Regal Beloit America, Inc.	
ECO ECO-0125361	APPROVED BY TB	DATE 06-27-2017	DATE 03-26-1993			
ECO DESCRIPTION UPDATED TO CURRENT STANDARDS			APPROVED BY TB		DESCRIPTION CONNECTION DIAGRAM	
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			REFERENCE		MATERIAL	PROCESS/FINISH
			THIRD ANGLE PROJECTION		SIZE A	DRAWING NUMBER EE7300



**P.O. BOX 8003
WAUSAU, WI 54401-8003
PH. 715-675-3311**

CERTIFICATION DATA SHEET**CUSTOMER:****ORDER #:****CONN. DIAGRAM:** EE7300**OUTLINE:** SS600205-182JP**WINDING #:** HE31126010 2**CUSTOMER PO#:****MODEL #:** 182TTDBD6095 AA**CUSTOMER PART #:****MOUNTING:** F1/F2 CAPABLE**TYPICAL MOTOR PERFORMANCE DATA**

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1 1/2	1.12	1200	1180	182JP	DP	M	B

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
3	60	575	1.85	LINE OR INVERTER	CONTINUOUS	F7	1.15	40

FULL LOAD EFF:	86.5	3/4 LOAD EFF:	86	1/2 LOAD EFF:	83.3	GTD. EFF		ELEC. TYPE
FULL LOAD PF:	69.5	3/4 LOAD PF:	61	1/2 LOAD PF:	48	85.5		SQ CAGE INV RATED

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
6.7 LB-FT	16	14.1 LB-FT 210 %	20.1 LB-FT 300 %	20

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
54 dBA	64 dBA	0.4 LB-FT^2	32 LB-FT^2	25 SEC.	2	70 LBS.

***** SUPPLEMENTAL INFORMATION *****

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	PROVISIONS ONLY	NONE	BLUE (EPOXY)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
BALL	BALL	POLYREX EM	JP	NONE	NONE	1045 HOT ROLLED (C-204)	ROLLED STEEL
6307	6205						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

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INVERTER TORQUE:

CONSTANT 2:1/VARIABLE 10:1

INV. HP SPEED RANGE: NONE**ENCODER:** NONE

NONE NONE

NONE NONE PPR

BRAKE: NONE NONE

NONE P/N NONE

NONE NONE

NONE FT-LB NONE V NONE Hz

PREPARED BY: DineshSuddula **DATE:**

02/13/2019 01:00:42 AM

FORM 3531 REV.3 02/07/99

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