

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 326TTFCA6095

Catalog No: GT3532

30 HP Close-Coupled Pump Motor, 3 phase, 1200 RPM, 575 V, 326JP Frame, TEFC
Close-Coupled Pump Motors



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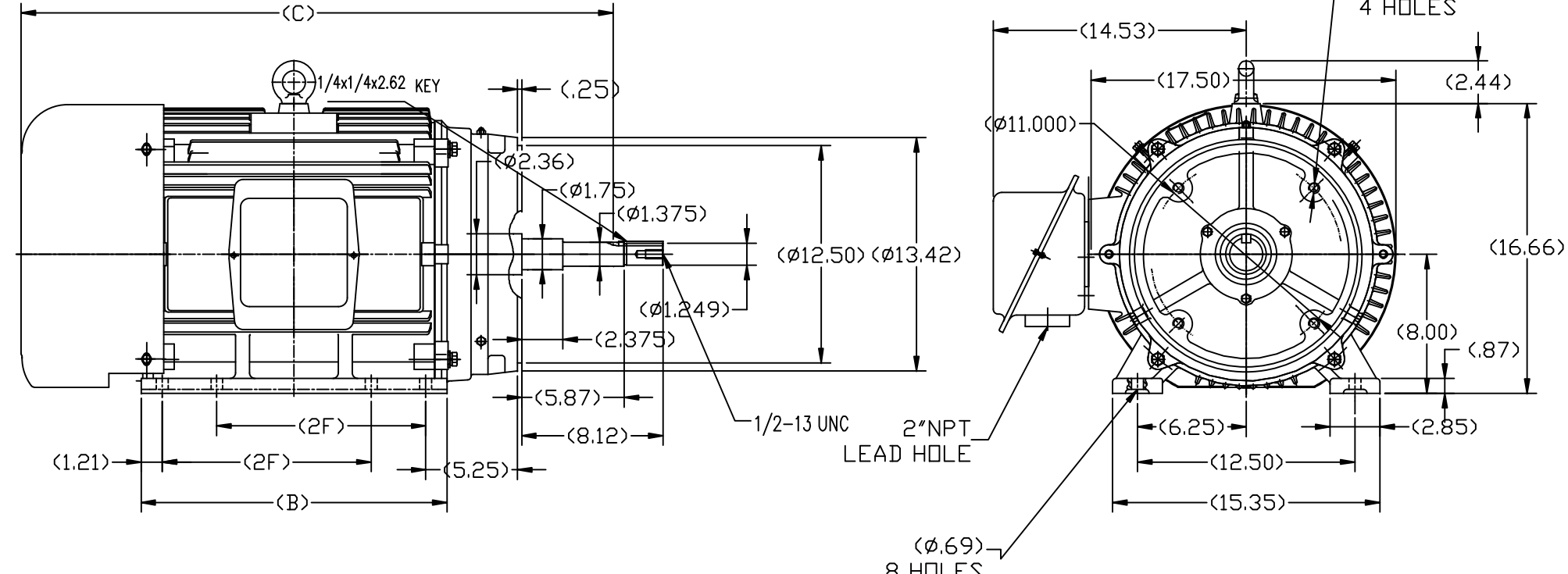
RegalRexnord

Nameplate Specifications


Output HP	30 Hp	Output KW	22.4 kW
Frequency	60 Hz	Voltage	575 V
Current	32.0 A	Speed	1190 rpm
Service Factor	1.15	Phase	3
Efficiency	93 %	Power Factor	75.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Frame	326JP	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6312	Opp Drive End Bearing Size	6311
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	6	Rotation	Reversible
Resistance Main	.2269 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal Or Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	JP	Overall Length	36.99 in
Shaft Diameter	1.250 in	Shaft Extension	8.12 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Connection Drawing	EE7300	Outline Drawing	SS620569-326T



324T	35.81	16.38	10.50
326T	36.99	17.56	12.00
FRAME	C	B	2F

			TOLERANCES UNLESS SPECIFIED		 REGAL-BELOIT CORPORATION		DRAWN VY 05-23-2012			
			DEC.	INCHES			CHK ZYH 05-23-2012			
			.X	±.1			APPD WGH 05-23-2012			
			.XX	±.03			SCALE 1=7			
			.XXX	±.005			REF			
			.XXXX	±.0005	MAT'L	FMF HWADA				
ND.	REVISION		BY & DATE	CHK	ANG	±1/2	FINISH	PREV		
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						CAD FILE	SS620569	SIZE B	DRAWING NO. SS620569	REV.

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

CERTIFICATION DATA SHEET

Model#: 326TTFCA6095 AA
 CONN. DIAGRAM: EE7300
 OUTLINE: SS620569

WINDING#: CHT32660001 NONE 3
 ASSEMBLY: F1/F2 CAPABLE

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
30	22.4	1200	1190	326JP	TEFC	G	B

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60	575	32	LINE OR INVERTER	CONTINUOU S	F7	1.15	40	3300

FULL LOAD EFF: 93	3/4 LOAD EFF: 96	1/2 LOAD EFF: 92.4	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 75.5	3/4 LOAD PF: 68	1/2 LOAD PF: 57	91.7	SQ CAGE INV RATED	16

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
133 LB-FT	173.6	358 LB-FT 270	478 LB-FT 360	70

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
58 dBA	68 dBA	12.8 LB-FT^2	- LB-FT^2	20 SEC.	2	- 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 OR SHAFT DOWN	FALSE	NONE	FALSE	NONE	BLUE (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL	BALL						
6312	6311	POLYREX EM	JP	NONE	NONE	1045 HOT ROLLED (C-204)	CAST IRON

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

If Inverter equals NONE, contact factory for further
information

INVERTER TORQUE: 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

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DATE: 06/21/2017 07:09:51 AM
 FORM 3531 REV.3 02/07/99
 ** Subject to change without notice.

Data Sheet

Date: 19-06-2017

Customer:

Attention:

Submitted by: FAREEDA DUDEKULA



326TTFCA6095

Submittal

Data @ 575 V

Motor Load Data

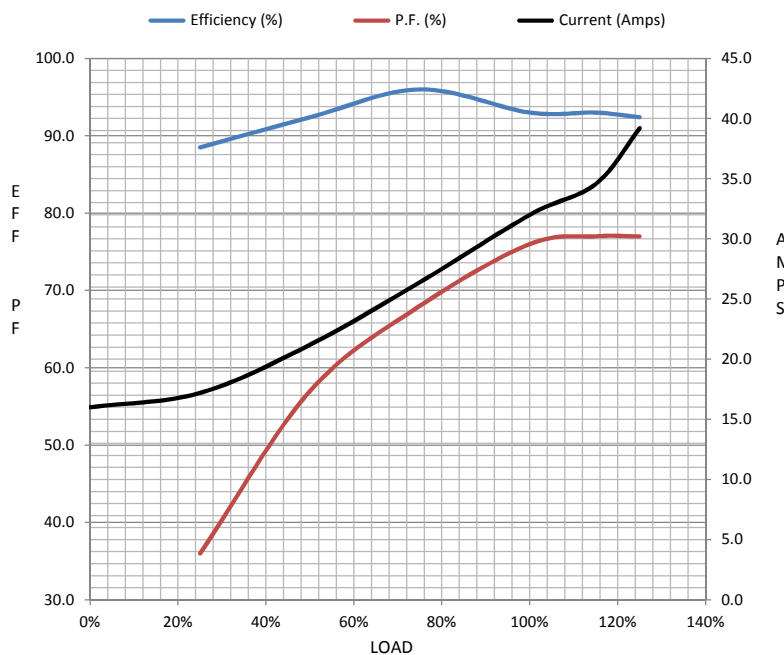
Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	16.0	17.2	21.2	26.4	32.0	34.6	39.2	174	
Torque (ft-lb)	0.00	33.0	66.0	99.5	133	153	166	358	
RPM	1200	1197	1195	1190	1185	1,182	1180	0	
Efficiency (%)		88.5	92.4	96.0	93.0	93.0	92.4		
P.F. (%)	4.0	36.0	57.0	68.0	76.0	77.0	77.0	37.0	

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	600	1125	1185	1200
Current (Amps)	174	156	116	32.0	16.0
Torque (ft-lb)	358	300	478	133	0.00

Information Block

HP	30.0			
Sync. RPM	1200			
Frame	326			
Enclosure	TEFC			
Construction	TFC			
Voltage	575 V			
Frequency	60 Hz			
Design	B			
LR Code letter	G			
Service Factor	1.15			
Temp Rise @ FL	70 ° C			
Duty	CONT			
Ambient	40 ° C			
Elevation	1,000 feet			
Rotor/Shaft wk ²	12.8 Lb-Ft ²			
Ref Wdg	CHT32660001 NONE			
Sound Pressure @ 1M	58 dBA			
VFD Rating	VARIABLE 10:1			
Outline Dwg	SS620569			
Conn. Diag	EE730			
Additional Specifications:				
0				
365THFS8036				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
0.2380	0.1120	0.8570	1.9100	20.6130



Speed - Torque Curve

