PRODUCT INFORMATION PACKET



Model No: 284TTDP7205 Catalog No: Y472 15,1800/900,DP,284T,3/60/460 Other Purpose



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Nameplate Specifications

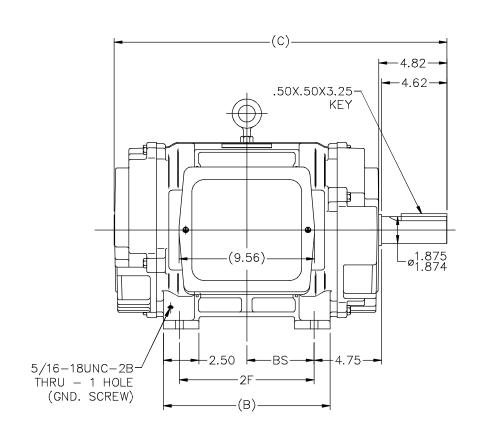
Output HP	15,3.75 Hp	Output KW	11.2 kW
Frequency	60 Hz	Voltage	460 V
Current	18,6.5 A	Speed	1775,885 rpm
Service Factor	1.15	Phase	3
Efficiency	88.5 %	Duty	CONTINUOUS
Insulation Class	В	Design Code	2VT
KVA Code	G	Frame	284T
Enclosure	DP	Overload Protector	NOT
Ambient Temperature	40 °C	Drive End Bearing Size	6311
Opp Drive End Bearing Size	6210	UL	Recognized
CSA	Υ	CE	Υ
IP Code	12		

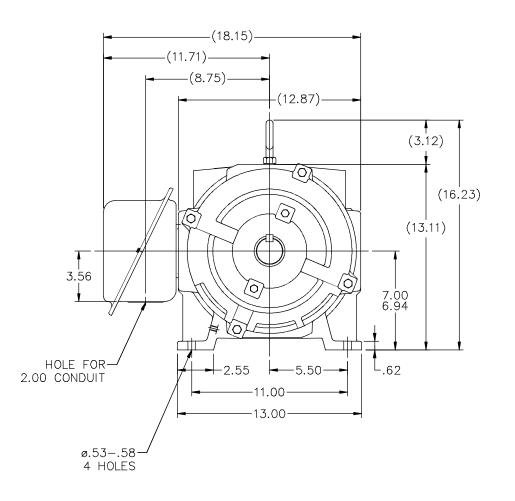
Technical Specifications

Electrical Type	SQ CAGE IND RUN	Starting Method	ACROSS THE LINE
Poles	4//8	Rotation	REV
Mounting	RIGID	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	CAST IRON	Shaft Type	Т
Overall Length	23.49 in	Frame Length	12.75 in
Shaft Diameter	1.88 in	Shaft Extension	4.82 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Outline Drawing	B-SS200030-1275	Connection Diagram	A-EE7317

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SS200030





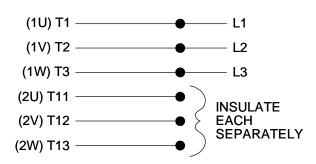
NOTES

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

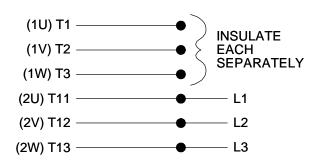
DASH	FRAME	В	С	2F	BS
1275	284T	11.75	23.49	9.50	4.75
1425	286T	13.25	24.99	11.00	5.50

_												
						TOL UNLES	ERANCES S SPECIFIED			DRAWN	JL 11-17-	-1987
Γ						DEC.	INCHES		<u> </u>	CHK	JPN 11-20	-1987
Γ	10	RECAD IN AUTOCAD	RWR 05-27-2	004		.x	±.1			APPD	LS 11-25-	-1987
Γ	9	REV. TO NEC CONDUIT BOX CN28428	NJS 02-10-2	000 N	ИL	.xx	±.03	TITLE OUTLINE - DR. PR CAST IF	RON	SCALE	1=4.5	5
1	В	SHOW GND. SCR. HOLE IN FRONT CN22833	PGK 08-14-1	996	JPN	.xxx	±.005	280T FR. — BB— TS — DBL. ENI	VENT.	REF		
-[7	REMOVED FRONT EXT. CN21752-692	KL 07-23-1	996	JPN	.xxxx	±.0005	MAT'L.		FMF		
T	١٥.	REVISION	BY & DAT	E C	снк	ANG	±7'30"	FINISH		PREV		
4	THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT				₹FP			CAD FILE ss200030	SIZE DRAWING N	O. PAG	E O F	REV.
1	IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT — DO NOT SCALE THIS PRINT					LB			B SS	2000	30	10

LOW SPEED



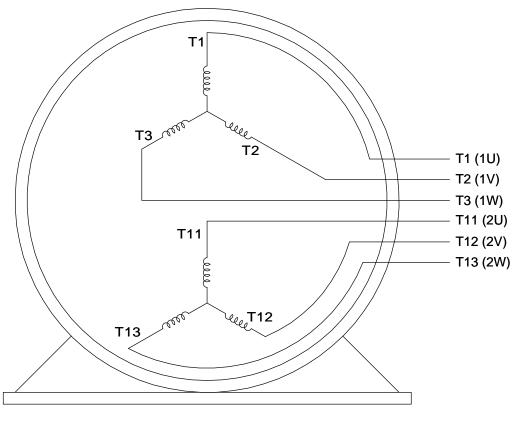
HIGHSPEED



TO REVERSE ROTATION ON EITHER SPEED: INTERCHANGE ANY 2 LEADS ON THE WINDING IN USE.

Uncontrolled Copy

THREE PHASE, SINGLE VOLT, 6 LEAD 2 SPEED REVERSIBLE MOTOR



VIEW OF TERMINAL END

DRAWING REVISION	REVISION BY	DATE
С	JJB	10-25-2017
ECO	APPROVED BY	DATE
ECO-0132917	TLB	10-30-2017
ECO DESCRIPTION		

REVISED PER ECO & UPDATED TO STANDARDS

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/	DRAWN BY LZ DATE 01-05-1994	REGAL [™] Regal Beloit Amer	rica, Inc.
	APPROVED BY GK DATE 01-17-1994	DESCRIPTION CONN DIAGRAM-IN 3 PHASE - SINGLE - 2 SPEED	
	REFERENCE	MATERIAL F	PROCESS/FINISH
\	THIRD ANGLE PROJECTION	SIZE DRAWING NUMBER FF7317	SHEET 1 OF 1

CERTIFICATION DATA SHEET

Model#: 284TTDP7205 BE WINDING#: 256(4-8)65 NONE 2 CONN. DIAGRAM: A-EE7317 ASSEMBLY: F1/F2 CAPABLE

OUTLINE: B-SS200030-1275

TYPICAL MOTOR PERFORMANCE DATA

	HP	ĸw	SY	NC. RPM	F.L. RPM	FRAME	ENCLO	SURE	KVA CODE	DESIGN
	15&3 3/4	11.2&2	2.8	900	1775&885	284T	DP	,	G	2VT
ſ	Bu			EL 414D	074077705	DUTY		0.5	****	EI EVATION

	PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
	3	60/60	460	18&6.5	ACROSS THE	CONTINUOU	В3	1.15/1.15	40	3300
Į					LINE	S				

FULL LOAD EFF: 88.5&81	3/4 LOAD EFF: 80	1/2 LOAD EFF: 77	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 88&68	3/4 LOAD PF: 60	1/2 LOAD PF: 47	77.2	SQ CAGE IND RUN	4

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C	
22.5 LB-FT	34	44 LB-FT 196	62 LB-FT 276	47	

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
63 dBA	73 dBA	2.2 LB-FT^2	- LB-FT^2	- SEC.	-	310 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	GREEN (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	FRAME
DE	OPE					MATERIAL	MATERIAL
BALL	BALL	POLYREX EM	Т	NONE	NONE	1045 HOT	CAST IRON
6311	6210					ROLLED (C-204)	

	THERMO-PF	ROTECTORS	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: NONE 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

Ν 0 S

> DATE: 06/27/2017 12:52:02 AM FORM 3531 REV.3 02/07/99 ** Subject to change without notice.