# PRODUCT INFORMATION PACKET



Model No: 145TTDR5701 Catalog No: Y465 1,1800/900,DP,145T,3/60/460 Other Purpose



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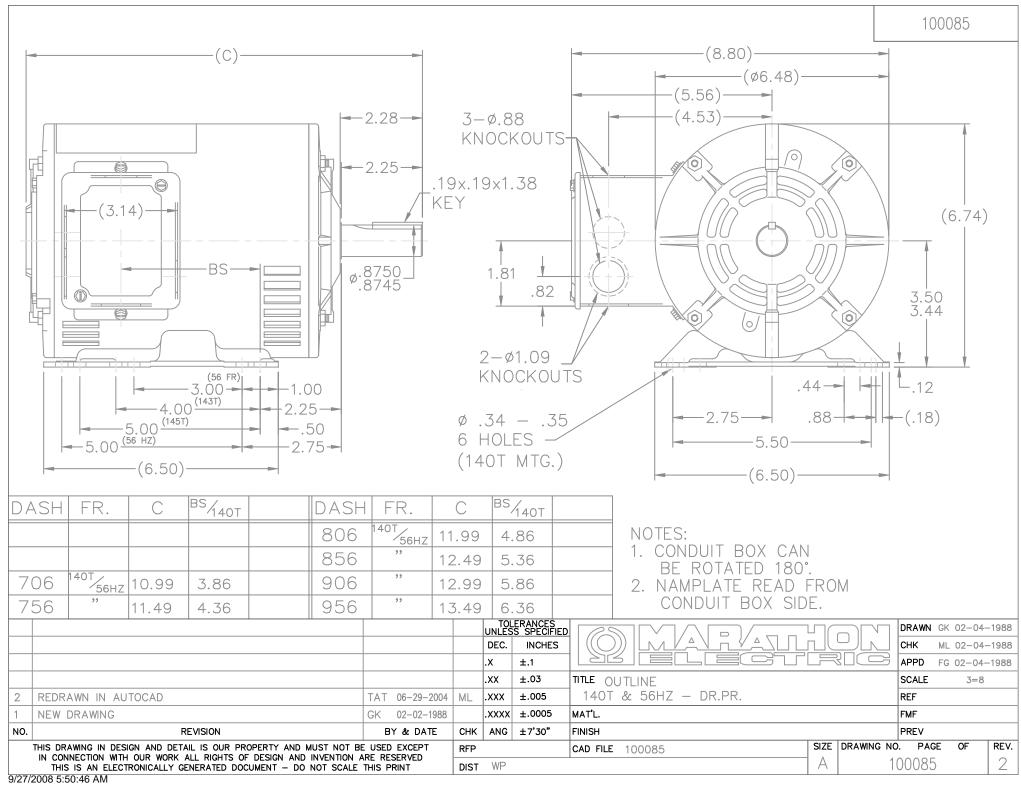
# **Nameplate Specifications**

Output HP	1,0.25 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	460 V
Current	1.5,.75 A	Speed	1725,860 rpm
Service Factor	1.15	Phase	3
Efficiency	79.5 %	Duty	Continous
Insulation Class	В	Design Code	2VT
KVA Code	к	Frame	145T
Enclosure	Drip Proof	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6205
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Υ	CE	Υ
IP Code	22		

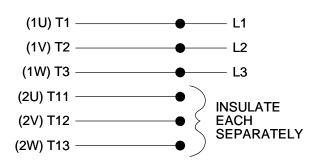
# **Technical Specifications**

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4//8	Rotation	Reversible
Mounting	Rigid base	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	Т
Overall Length	12.99 in	Frame Length	9.06 in
Shaft Diameter	0.875 in	Shaft Extension	2.28 in
Assembly/Box Mounting	F1 Only		
Outline Drawing	A-100085-906	Connection Diagram	A-EE7317

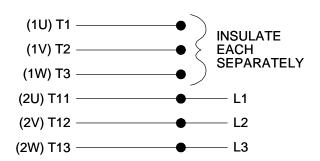
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## LOW SPEED



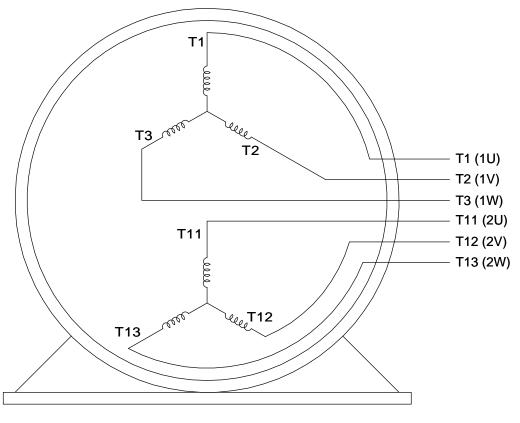
### HIGHSPEED



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

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# 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 <sup>™</sup> 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#:
 145TTDR5701 AD
 WINDING#:
 ZT(4-8)1 NONE 1

 CONN. DIAGRAM:
 A-EE7317
 ASSEMBLY:
 F1 ONLY

OUTLINE: A-100085-906

### TYPICAL MOTOR PERFORMANCE DATA

HP	KW		YNC. RPM	F.L. RPM	FRAME		ENCLOS	URE	KVA	CODE	D	ESIGN
1&1/4	.75&0.19		900	1725&860	145T DP				К		2VT	
PH	Hz	VOLTS	FL AMP	S START TYPE	DUTY	1	INSL	s.	F	AMB°C	EI	LEVATION

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60/60	460	1.5&.75	ACROSS THE	CONTINUOU	В3	1.15/1.15	40	3300
				LINE	S				

FULL LOAD EFF: 79.5&56.5	3/4 LOAD EFF: 52.5	1/2 LOAD EFF: 44.5	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 76&54	3/4 LOAD PF: 46.5	1/2 LOAD PF: 38.5	47.8	SQ CAGE IND RUN	.7

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
1.5 LB-FT	2.4	2.3 LB-FT 153	3.8 LB-FT 253	36

SOUND PRESSURE @ 3 FT.		SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
	60 dBA	70 dBA	0.12 LB-FT^2	- LB-FT^2	- SEC.	-	- 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	BLUE (POWDER)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	FRAME
DE	OPE					MATERIAL	MATERIAL
BALL	BALL	POLYREX EM	Т	NONE	NONE	1144	ROLLED STEEL
6205	6203					STRESSPROOF (C-223)	

	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

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