



Nameplate Specifications

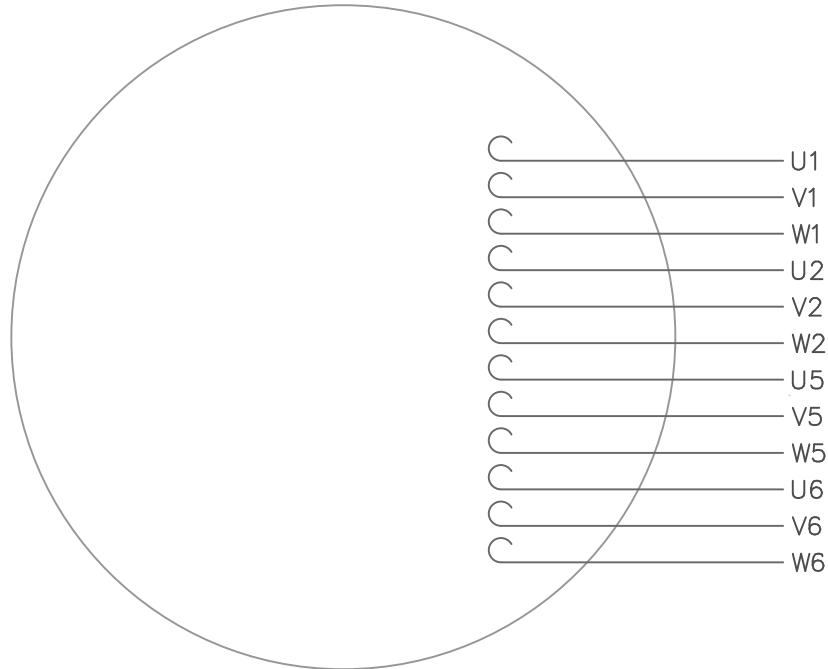
Output HP	0.50 Hp	Output KW	0.37 kW
Frequency	50 Hz	Voltage	220/380/440 V
Current	2.6/1.5/1.3 A	Speed	950 rpm
Service Factor	1.15	Phase	3
Efficiency	68 %	Power Factor	53
Duty	Continuous	Insulation Class	B
Design Code	NO DESIGN CODE	KVA Code	K
Frame	56C	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	Y	IP Code	54

Technical Specifications

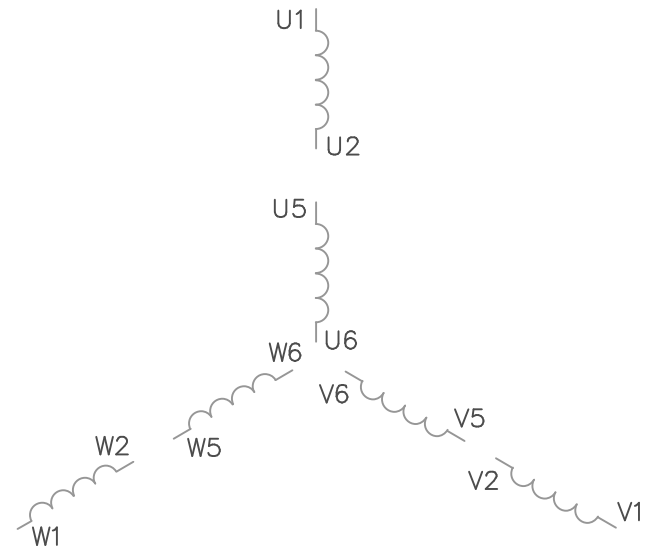
Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Resistance Main	0 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Overall Length	11.21 in
Frame Length	5.75 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	005381.01	Outline Drawing	028883-575

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VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



VOLTAGE	L1	L2	L3	JOIN
(2Δ) LOW	U1,W2 U5,W6	V1,U2 V5,U6	W1,V2 W5,V6	----
(2Y) MEDIUM	U1,U5	V1,V5	W1,W5	(U2,V2,W2) (U6,V6,W6)
(1Δ) HIGH	U1,W6	V1,U6	W1,V6	(U2,U5) (V2,V5) (W2,W5)

TOLERANCES UNLESS OTHERWISE SPECIFIED

DECIMALS

.00 ± .01

.000 ± .005

.0000 ± .0005

FRACTIONS ± 1/64

ANGLES ± 1/2°

INCH/MM

LEESON ELECTRIC CORPORATION

DRAWN GWS 2/23/96

CH'K'D.

APPR.

SCALE 1=1

REF. 005352 PG 3

FMF

TITLE

MAT'L.

FINISH

EXT. WIRING DIAGRAM
TYPE "T" W/O PROTECTOR

DECAL - 080590

STOCK

SIZE

A

DRAWING NO.

005381-01

1 REDRAWN TO CURRENT STANDARDS DBT 05/30/97

NO. REVISION BY DATE

THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED



CERTIFICATION DATA SHEET

1051 CHEYENNE AVE.
 GRAFTON, WI 53024
 PH. 262-377-8810

CONN. DIAGRAM: 005381.01

OUTLINE: 028883-575

WINDING #: T63646 FR 4 A

CATALOG #: 114892.00

MOUNTING: F1 ONLY

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN	
1/2	0.37	1000	950	56C	TEFC	K	NO DESIGN CODE	
PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
3	50	220/380/440	2.6/1.5/1.3	ACROSS THE LINE	CONTINUOUS	B4	1.15	40

FULL LOAD EFF:	68	3/4 LOAD EFF:	64.6	1/2 LOAD EFF:	58.5	GTD. EFF	ELEC. TYPE
FULL LOAD PF:	53	3/4 LOAD PF:	45	1/2 LOAD PF:	35.1	0	SQ CAGE IND RUN

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
42.93 OZ-FT	6.3 / 3.6 / 3.1	108.3 OZ-FT	148.3 OZ-FT	0

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
- DBA	- DBA	0.081 LB-FT^2	0.1 LB-FT^2	10 SEC.	-	0 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	ROUND	HORIZONTAL	FALSE	NONE	FALSE	NONE	BLUE - LEESON (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
BALL	BALL	POLYREX EM	STANDARD 56	NONE	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL
6203	6203						

THERMO-PROTECTORS							
THERMOSTATS	PROTECTORS	WDG RTDS	BRG RTDS	TERMISTORS	CONTROL	SPACE HEATERS	VOLTS
NONE	NOT	NONE	NONE	NONE	FALSE	NONE	NONE

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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