

PRODUCT INFORMATION PACKET



Model No: 114561.00

Catalog No: 114561.00

Washguard® II General Purpose Motor, 0.75 HP, 3 Ph, 60 Hz, 230/460 V, 1800 RPM, 56HC Frame, TENV

Operational at 208-230/460 V @60HZ



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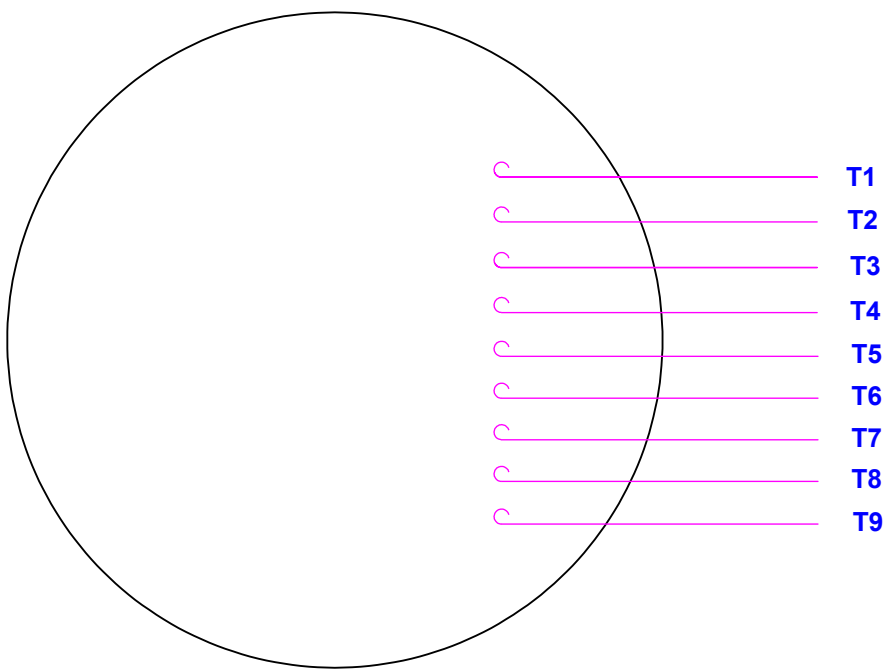
Nameplate Specifications

Phase	3	Output HP	0.75 Hp
Output KW	0.56 kW	Voltage	230/460 V
Speed	1725 rpm	Service Factor	1.15
Frame	56HC	Enclosure	Totally Enclosed Non Ventilated
Thermal Protection	No Protection	Efficiency	80 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	2.3/1.2 A	Power Factor	76
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	L
Drive End Bearing Size	6205	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	IP Code	55
Number of Speeds	1		

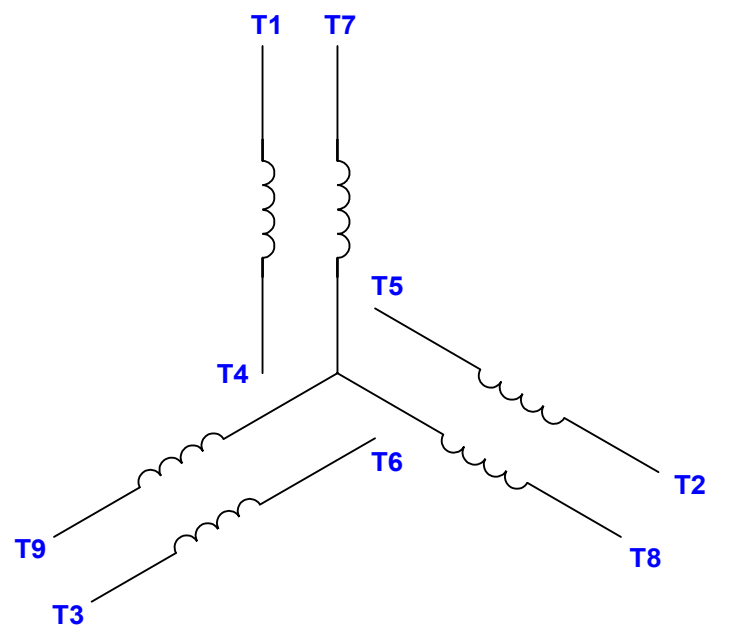
Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	0 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Stainless Steel
Shaft Type	NEMA 56	Overall Length	11.56 in
Frame Length	6.50 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	005010.01	Outline Drawing	034293-700

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



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VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4, T7) (T5, T8) (T6, T9)
LOW	T1, T7	T2, T8	T3, T9	T4, T5, T6

				TOLERANCES UNLESS SPECIFIED		DRAWN RDW 04/12/02	
				DEC	INCHES	CHK	
				.X	±.1	APPR	
12	CHG FROM LEESON TO RRX TEMPLATE AS PER ECR-0237142	KVDG 09/19/24	DS	.XX	±.01	TITLE EXTERNAL WIRING DIAGRAM	
--	REDRAWN IN SOLIDWORKS	VJB 02/08/11		.XXX	±.005	3 PHASE W/O PROTECTOR	
11	ADD REV TO MATCH ORACLE	KJH 06/08/09	MDN	.XXX	±.0005	MAT'L DECAL - 004014	
NO	REVISION	BY & DATE	CHK	ANG	±1/2°	FINISH	
THIRD ANGLE PROJECTION			RFP	04/12/02	PREV	SIZE	DRAWING NO
			NETWORK FILE NAME		00501001	A	005010-01
							REV
							12





CERTIFICATION DATA SHEET

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

CATALOG #: 114561.00

CONN. DIAGRAM: 005010.01

OUTLINE: 034293-650

MOUNTING: F1 ONLY

WINDING #: T634252 NR 3 A

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
3/4	0.56	1800	1725	56HC	TENV	L	B

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
3	60	208-230/460	2.4-2.3/1.15	ACROSS THE LINE	CONTINUOUS	F4	1.15	40

FULL LOAD EFF:	80	3/4 LOAD EFF:	79.1	1/2 LOAD EFF:	74.5	GTD. EFF	ELEC. TYPE
FULL LOAD PF:	76	3/4 LOAD PF:	70.5	1/2 LOAD PF:	59.4	0	SQ CAGE IND RUN

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
36 OZ-FT	18.3 / 9.1	110.6 OZ-FT 0 %	148.8 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	0.108 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	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	NO PAINT

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
BALL	BALL	POLYREX EM	STANDARD 56	VERIFY	VERIFY	303 STAINLESS (C-501)	ROLLED STEEL
6205	6203						

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: 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

Data Sheet

Date: 1/22/2018

114561.00



Data @ 460 V

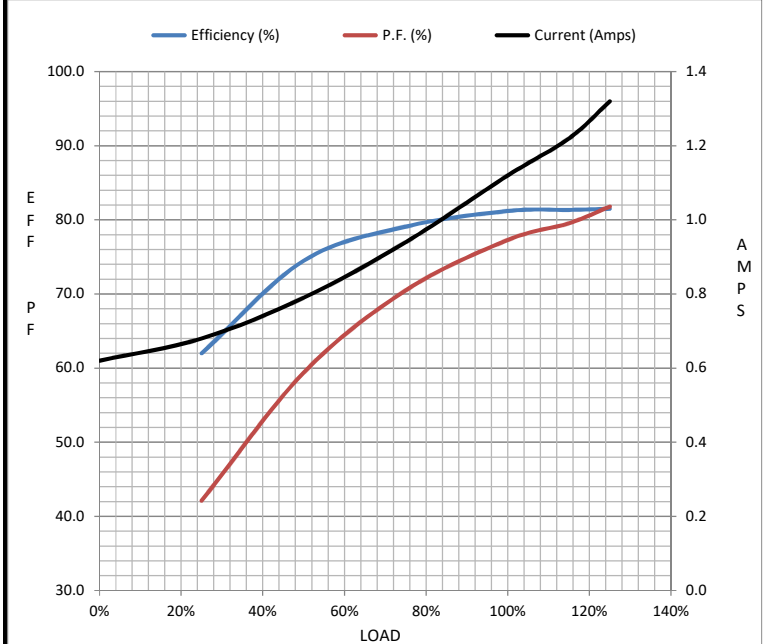
Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	0.62	0.68	0.79	0.94	1.12	1.22	1.32	9.1
Torque (ft-lb)	0.00	143	285	429	577	10,434	726	1,772
RPM	1800	1788	1777	1765	1753	1,748	1740	0
Efficiency (%)		62.0	74.5	79.1	81.2	81.4	81.5	
P.F. (%)	17.0	42.1	59.4	70.5	77.3	79.6	81.8	0.0

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	129	1314	1753	1800
Current (Amps)	9.1	9.1	5.5	1.12	0.62
Torque (ft-lb)	1,772	1,671	2,384	577	0.00

Information Block				
HP	0.8			
Sync. RPM	1800			
Frame	140			
Enclosure	TENV			
Construction	NA			
Voltage	208-230/460 V			
Frequency	60 Hz			
Design	B			
LR Code letter	L			
Service Factor	1.15			
Temp Rise @ FL	82 °C			
Duty	CONT			
Ambient	40 °C			
Elevation	1,000 feet			
Rotor/Shaft wk ²	0.11 Lb-Ft ²			
Ref Wdg	T634252 NR			
Sound Pressure @ 1M	999 dBA			
VFD Rating	NONE			
Outline Dwg	034293-650			
Conn. Diag	005010.01			
Additional Specifications:				
0				
0				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
0.0000	0.0000	0.0000	0.0000	0.0000



Speed - Torque Curve

