



Customer information packet

19E201W120G1

.5HP, 1140RPM, 3PH, 60HZ, 56YZ, 1916M, TEAO, F1

Specifications

Enclosure	TEAO
Frame	56YZ
Frame Material	Steel
Frequency	60.00 Hz
Motor Letter Type	Three Phase
Output @ Frequency	.500 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1200 RPM @ 60 HZ
Voltage @ Frequency	230.0 V @ 60 HZ 460.0 V @ 60 HZ
Agency Approvals	CSA UR
Ambient Temperature	40 °C
Auxillary Box	No Auxillary Box
Auxillary Box Lead Termination	None
Base Indicator	No Mounting
Bearing Grease Type	Polyrex EM (-20F +300F)
Blower	None
Current @ Voltage	1.200 A @ 460.0 V 2.400 A @ 230.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	70.0 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Face Code	Terminal Panel
Front Shaft Indicator	None
Heater Indicator	No Heater
High Voltage Full Load Amps	1.2 a
Insulation Class	F
Inverter Code	Not Inverter

Part detail

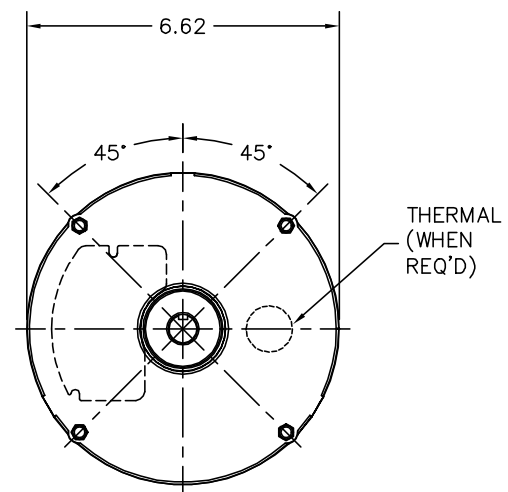
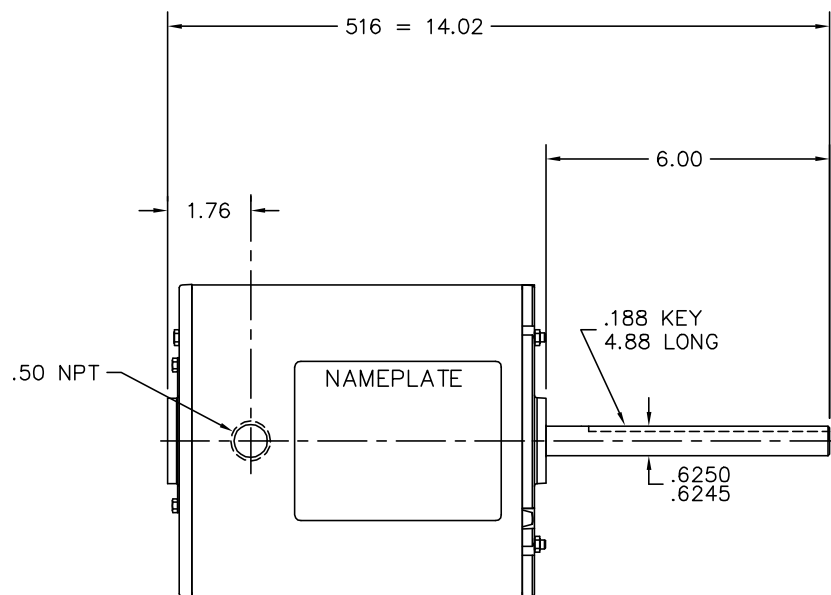
Revision	D
Type	AC
Mech. spec.	19E201
Base	
Status	NLA/A
Elec. spec.	19WGW120
Layout	19LYE201
Eff. date	09-23-2015
CD Diagram	CD0007
Poles	06
Leads	12#18
Proprietary	False
Created date	03-25-2009

KVA Code	L
Lifting Lugs	No Lifting Lugs
Locked Bearing Indicator	No Locked Bearing
Motor Lead Exit	Terminal Panel Or Lead Hole
Motor Lead Quantity/Wire Size	12 @ 18 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	1916M
Mounting Arrangement	F1
Number of Poles	6
Overall Length	14.02 IN
Power Factor	55
Product Family	General Purpose
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Pulley Shaft Indicator	Standard
Rodent Screen	None
Service Factor	1.00
Shaft Diameter	0.625 IN
Shaft Extension Location	Pulley End
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	1140 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None
Vibration Sensor Indicator	No Vibration Sensor
Winding Thermal 1	Automatic Thermal Overload
Winding Thermal 1 Location	EP
Winding Thermal 2	None

Nameplate

NP1986A27									
CAT.NO.					ENCL	TEAO			
SPEC.	19E201W120G1				FRAME	56YZ			
HP	.5								
VOLTS	230/460								
AMPS	2.4/1.2								
RPM	1140								
HZ	60	PH	3	CL	F				
SER.F.	1.00	DES	B	CODE	L				
FL EFF	70	PF	55						
RATING	40C AMB-CONT								
SF AMP					USABLE AT 208V				N/A
SER.									
MANUAL	N	AUTO	Y	NONE	N				
BLANK									

19LYE201



CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.

REV. DESC: NEW

REV. LTR: -

VERSION: 00

TDR: 000000494113

FILE: \AAA\00162\630

REVISED: 08:40:51 03/25/2009

MTL: -

BY: ENJAMM1

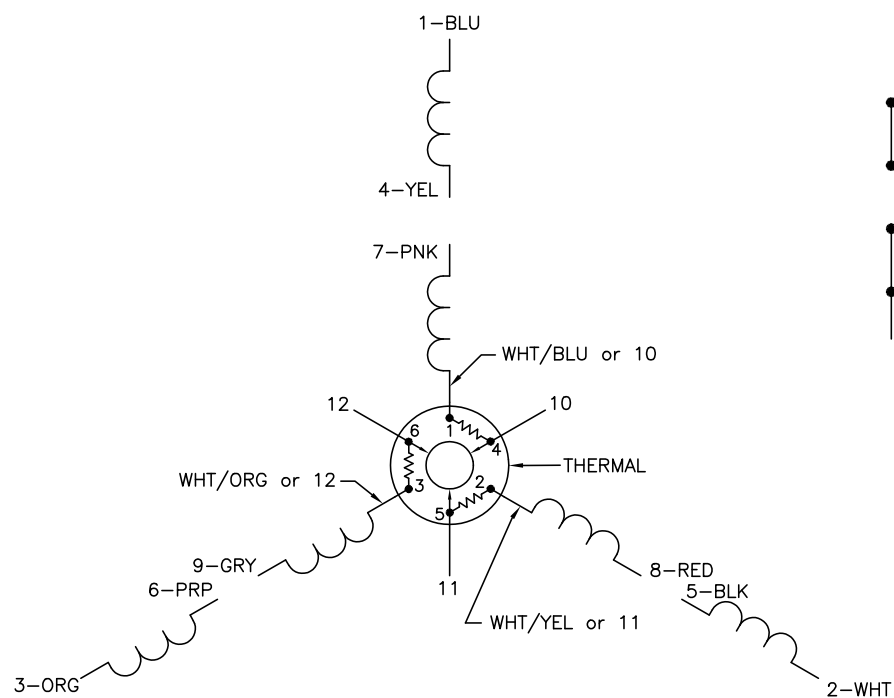
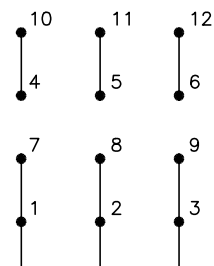
BALDOR • DODGE • RELIANCE

VERT 56YZ TEAO 19M W/TERM PANEL V=6.00

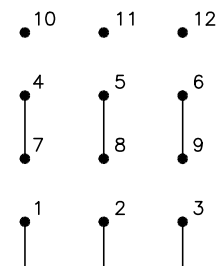
SH 1 of 1

19LYE201

CD0007

LOW VOLTAGE
(2Y)

LINE

HIGH VOLTAGE
(1Y)

LINE

NOTES:

1. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
2. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY VARY.
3. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

REV. DESC: ADDED "CK" PLANT CODE

REV. LTR: E

BY: EAH

REVISED: 05/06/99 17:1

TDR: 0181040

200000

FILE: AAA00008370

MDL: -

MTL: -

BALDOR ELECTRIC Co.

3PH, DV, THERMAL, 12 LEADS

CD0007