ABB BALDOR RELIANCE

Customer information packet

35Q155Y334G1

2//3HP, 1425//1725RPM, 3PH, 50//60HZ, 182TCZ
Class - None
Division - Not Applicable

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Specifications

Enclosure	TEAO
Frame	182TCZ
Frame Material	Steel
Frequency	50.00 Hz
	60.00 Hz
Haz Area Class and Group	None
Haz Area Division	Not Applicable
Motor Letter Type	Three Phase
Output @ Frequency	2.000 HP @ 50 HZ
	3.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	460.0 V @ 60 HZ
	380.0 V @ 50 HZ
	230.0 V @ 60 HZ
	190.0 V @ 50 HZ
Agency Approvals	CSA
	UR
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Auxiliary Box Lead Termination	None
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Blower	None
Current @ Voltage	8.500 A @ 208.0 V
	8.200 A @ 230.0 V
	7.200 A @ 190.0 V
	4.100 A @ 460.0 V
	3.600 A @ 380.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT

Part Detail

Revision	S
Type	AC
Mech. spec.	35Q155
Base	
Status	NLA/A
Elec. spec.	35WGY334
Layout	35LYQ155
Eff. date	08-13-2024
CD Diagram	CD0005
Poles	04
Leads	9#18
Proprietary	False
Created date	01-01-0001

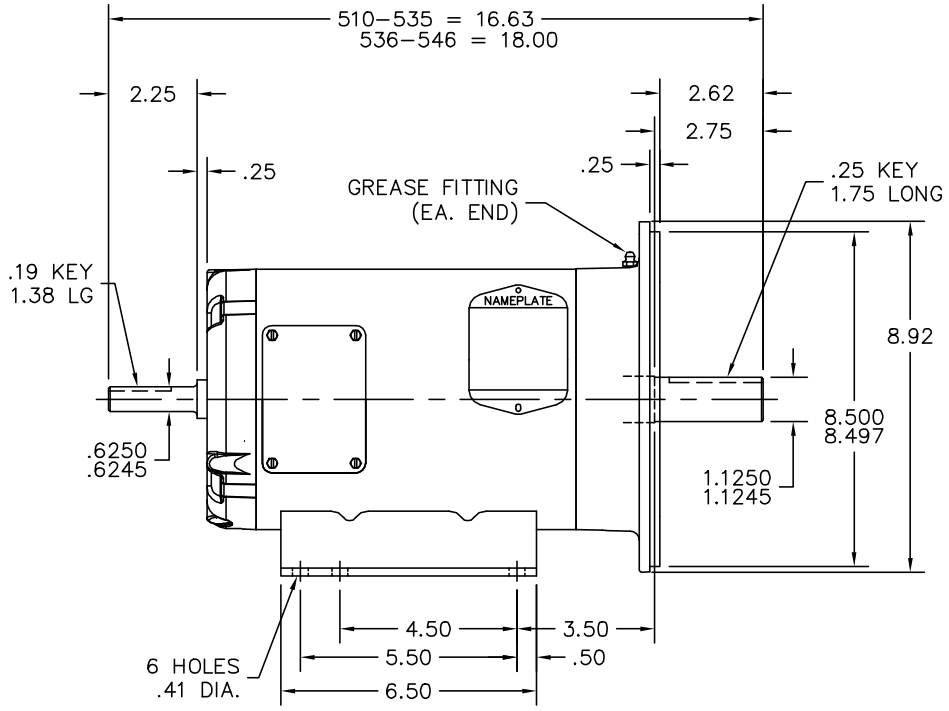
Efficiency @ 100% Load	84.0 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Face Code	Standard
Front Shaft Indicator	Tapped & Key
Heater Indicator	No Heater
High Voltage Full Load Amps	3.6 a
Insulation Class	F
Inverter Code	Not Inverter
KVA Code	K
Lifting Lugs	No Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Motor Lead Exit	Ko Box
Motor Lead Quantity/Wire Size	9 @ 18 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3534M
Mounting Arrangement	F1
Number of Poles	4
Overall Length	16.63 IN
Power Factor	82
Product Family	General Purpose
Pulley End Bearing Type	Ball
Pulley Face Code	C-Face
Pulley Shaft Indicator	Standard
Rodent Screen	None
RoHS Status	ROHS COMPLIANT
Service Factor	1.15
Shaft Diameter	1.125 IN
Shaft Extension Location	Double Shaft
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	1425 rpm

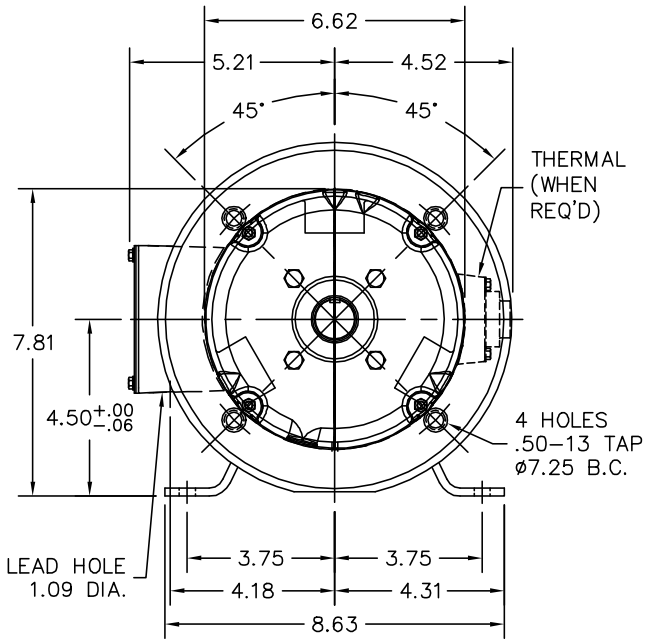
	1725 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None
Vibration Sensor Indicator	No Vibration Sensor
Winding Thermal 1	None
Winding Thermal 2	None

Nameplate

NP1256L											
CAT.NO.											
SPEC.	35Q155Y334G1										
HP	2//3										
VOLTS	190/380//230/460										
AMP	7.2/3.6//8.2/4.1										
RPM	1425//1725										
FRAME	182TCZ		**HZ**	50//60			**PH**	3			
SER.F.	1.15	**CODE**	K	**DES**	B	**CLASS**		F			
NEMA-NOM-EFF	84	**PF**	82								
RATING	40C AMB-CONT										
CC											
DE	6206		**ODE**	6205							
ENCL	TEAO	**SN**									

35LYQ155





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

REV. DESC: REPLACE ENDPLATES		
REV. LTR: E	VERSION: 02	TDR: 000001064040
FILE: \AAA\00050\157	REVISED: 01:38:04 03/16/2018	BY: FPJEFGO
MTL: –		

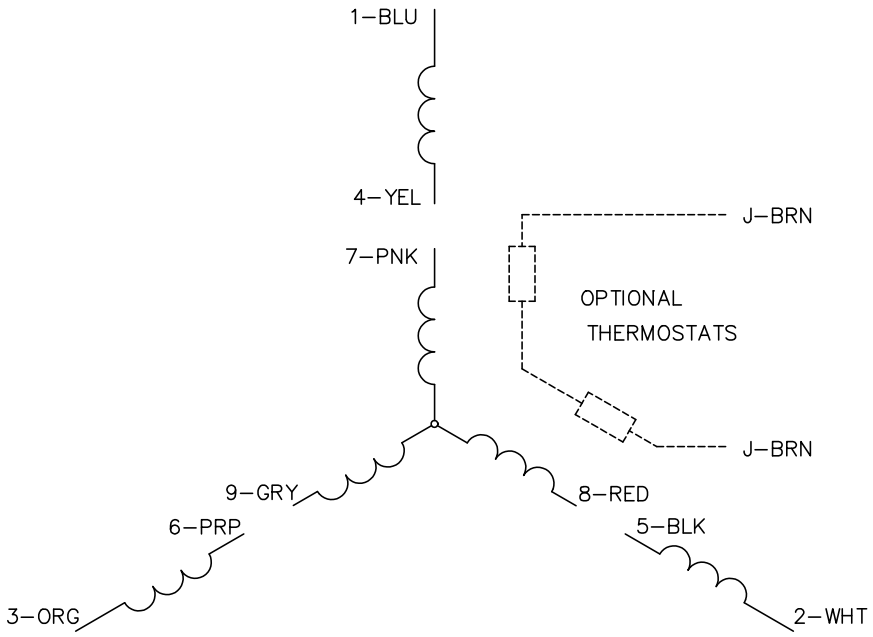
BALDOR

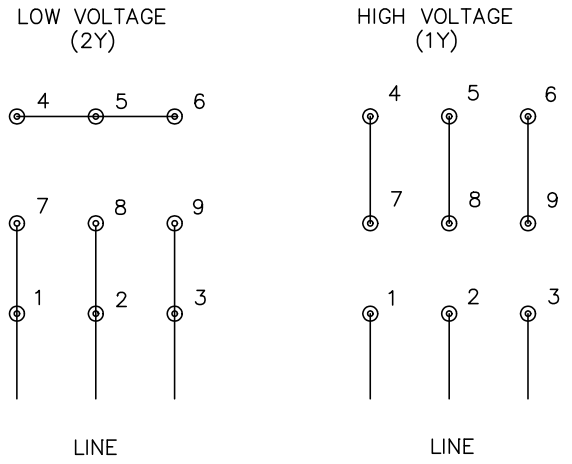
HOR 182–4TCZ TENV M W/DBL EXT FU=.625, FV=2.25

SH 1 of 1

35LYQ155

CD0005





NOTES:

1. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
2. OPTIONAL THERMOSTATS ARE PROVIDED WHEN SPECIFIED.
3. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY BE A MULTIPLE OF THOSE SHOWN ABOVE.
4. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

CD0005

REV. DESC: REVISE TO SHOW OPTIONAL COLORS			BALDOR ELECTRIC Co.
REV. LTR: E	BY: JLP	REVISED: 01/19/99 10:15	TDR: 0171435
CD0005		FILE: AAA00005140	MDL: –
		MTL: –	3PH, DV, 9 LEADS