ABB BALDOR RELIANCE

Customer information packet

35S355W029G1

1.12KW, 1725RPM, 1PH, 60HZ, D90L, 3535L, TEFC

Copyright © All product information within this document is subject to ABB Motors and Mechanical Inc. copyright © protection, unless otherwise noted.
11/20/2026 1:47:19 AM

Specifications

Frequency	60.00 Hz
Output @ Frequency	1.500 HP @ 60 HZ
Phase	1
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	115.0 V @ 60 HZ
	208.0 V @ 60 HZ
	230.0 V @ 60 HZ
Ambient Temperature	40 °C
Current @ Voltage	10.500 A @ 230.0 V
	11.000 A @ 208.0 V
	21.000 A @ 115.0 V
Design Code	L
Duty Rating	CONT
Efficiency @ 100% Load	70.0 %
Insulation Class	F
KVA Code	M
Motor Lead Quantity/Wire Size	4 @ 14 AWG, A PH
Motor Type	3535L
Mounting Arrangement	B3
Number of Poles	4
Power Factor	64
Service Factor	1.15
Speed	1725 rpm

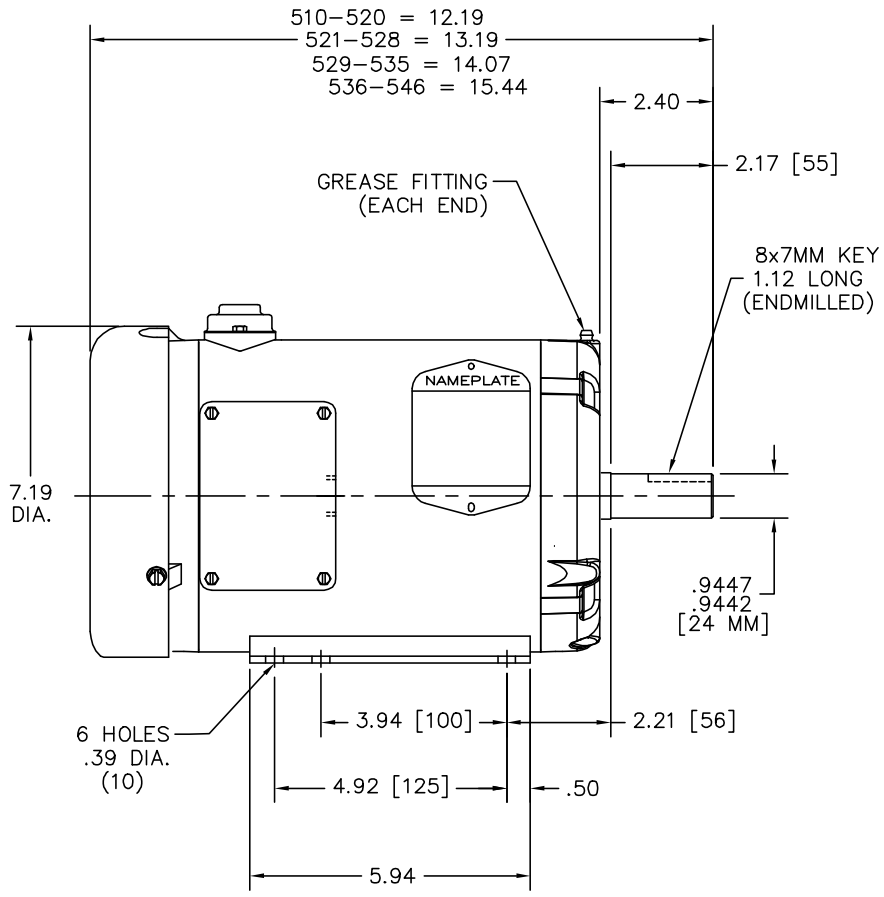
Part Detail

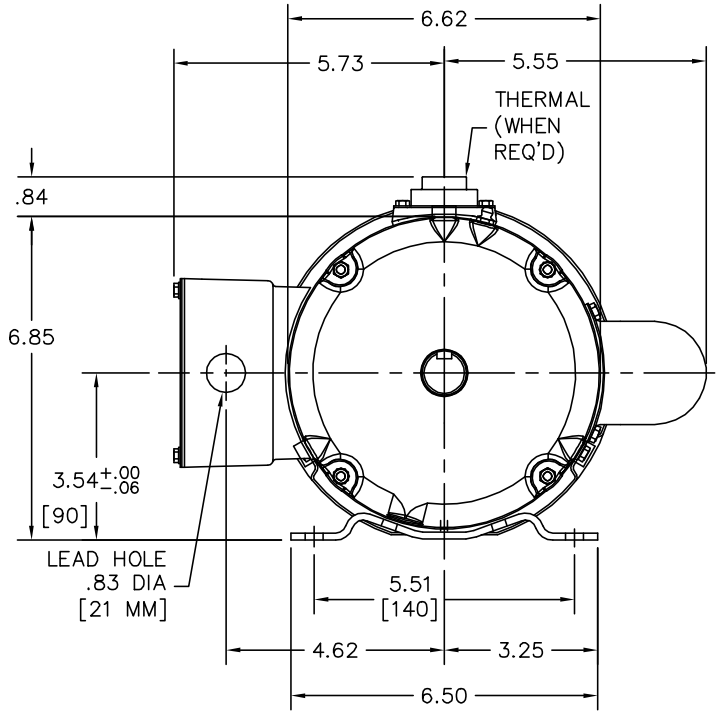
Revision	F
Type	AC
Mech. spec.	35S355
Base	
Status	NLA/A
Elec. spec.	35WGW029
Layout	35LYS355
Eff. date	03-20-2005
CD Diagram	CD0001
Poles	04
Leads	4#14 A PH,2#18 B PH
Proprietary	False
Created date	01-01-0001

Nameplate

NP1379							
CAT.NO.							
SPEC.	35S355W029G1						
IEC FRAME	D90L	**K.W.**	1.12				
VOLTS	115/208-230						
AMP	21/11-10.5						
RPM	1725	**I.P.**	IP54				
HZ	60	**PH**	1	**CL**	F		
SER.F.	1.15	**DES**	L	**CODE**	M		
NEMA-NOM-EFF	70	**PF**	64				
RATING	40C AMB-CONT						
CC		**USABLE AT 208V**	N/A				
DE	6205	**ODE**	6203				
SER. #							

35LYS355





35LYS355

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

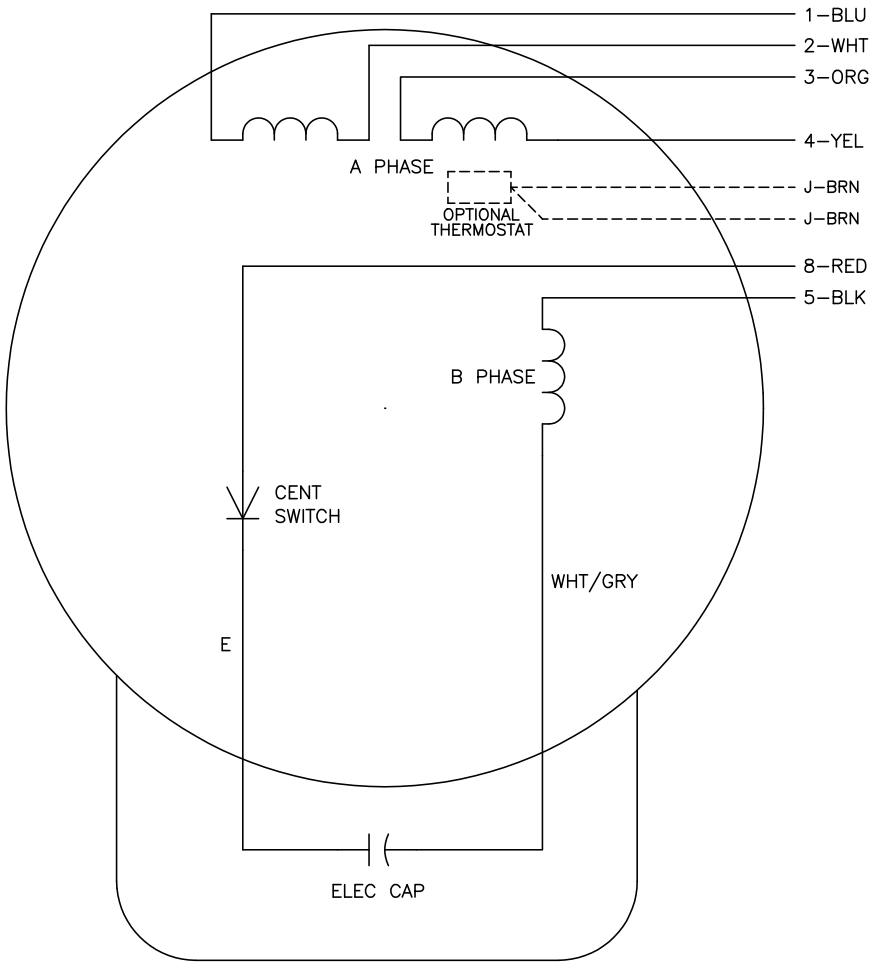
REV. DESC: REPLACE ENDPLATES		
REV. LTR: B	VERSION: 01	TDR: 000001063670
FILE: \AAA\00089\680	REVISED: 10:47:02 03/14/2018	BY: FGCHAH1
MTL: –		

BALDOR

HOR D90S–L TEFC 35L W/L BOX @ 3.00, D=24MM, E=55MM

SH 1 of 1

CD0001



	LINE A	LINE B	JOIN
HIGH STD	1	4,5	2,3,8
HIGH OPP	1	4,8	2,3,5
LOW STD	1,3,8	2,4,5	–
LOW OPP	1,3,5	2,4,8	–

NOTES:

1. STANDARD ROTATION IS CCW FACING END OPPOSITE SHAFT EXTENSION.
2. OPTIONAL THERMOSTAT IS PROVIDED WHEN SPECIFIED.
3. MULTIPLE CAPACITORS ARE CONNECTED IN PARALLEL UNLESS OTHERWISE SPECIFIED.
4. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

CD0001

REV. DESC: REVISE TO SHOW OPTIONAL COLORS			BALDOR ELECTRIC Co.
REV. LTR: D	BY: JLP	REVISED: 04/08/99 1:16	TDR: 0178636
CD0001		FILE: AAA00007405	MDL: –
		MTL: –	TYPE L, DV, REV, 6 LEADS