ABB BALDOR RELIANCE

Customer information packet

17E179W257G1

.25HP, 1725RPM, 3PH, 60HZ, 56J, 1710M, OPEN, F1

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Specifications

Frame	56J
Frame Material	Steel
Frequency	60.00 Hz
Output @ Frequency	.250 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	230.0 V @ 60 HZ
	460.0 V @ 60 HZ
Agency Approvals	CE
	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	.550 A @ 460.0 V
	1.100 A @ 230.0 V
	1.300 A @ 208.0 V
Design Code	B
Drip Cover	Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	68.0 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Face Code	Drip Cover Mounting
Front Shaft Indicator	None
Heater Indicator	No Heater
High Voltage Full Load Amps	0.6 a
Insulation Class	B
Inverter Code	Not Inverter

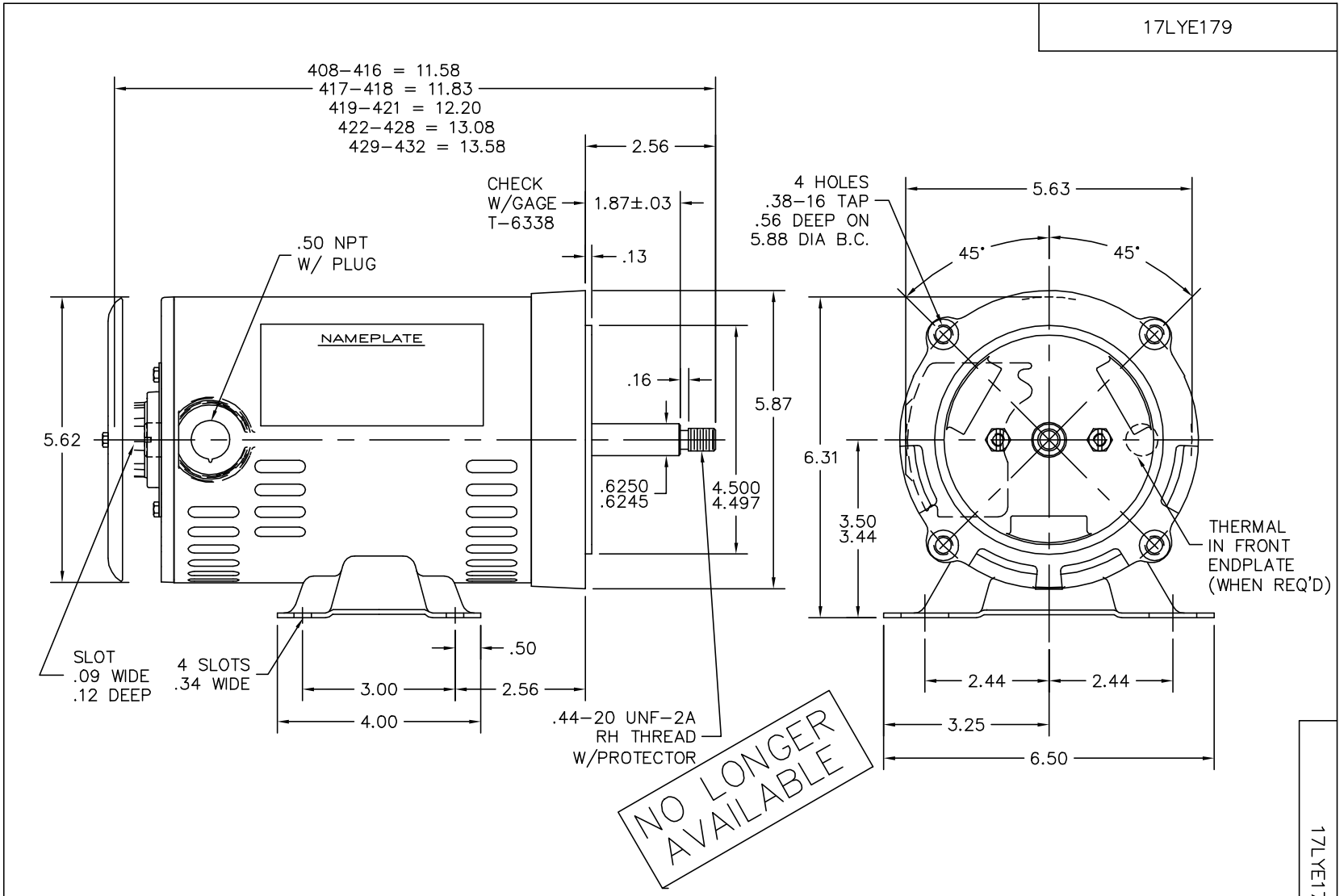
Part Detail

Revision	P
Type	AC
Mech. spec.	17E179
Base	
Status	NLA/A
Elec. spec.	17WGW257
Layout	17LYE179
Eff. date	03-19-2012
CD Diagram	CD0005
Poles	04
Leads	9#18
Proprietary	False
Created date	01-01-0001

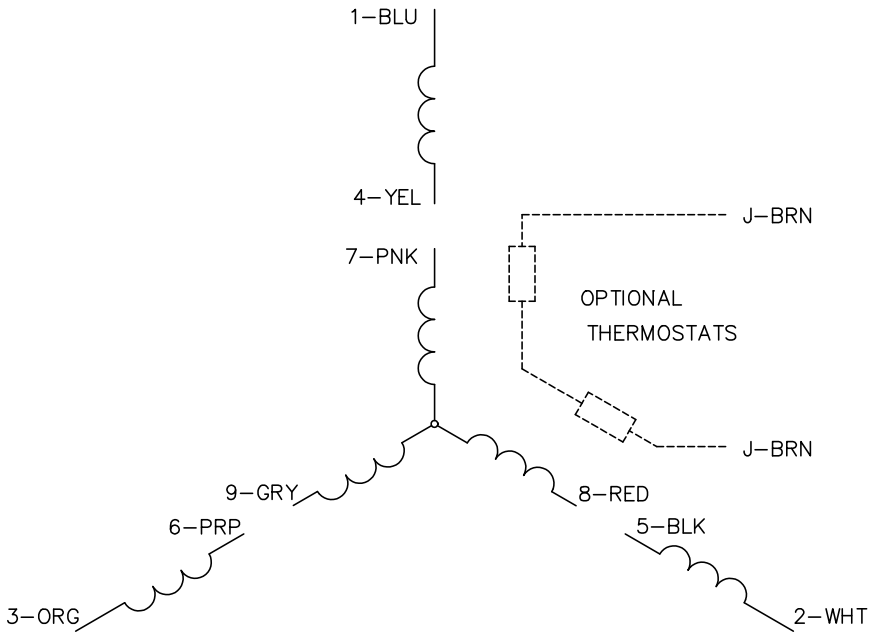
KVA Code	K
Lifting Lugs	No Lifting Lugs
Locked Bearing Indicator	No Locked Bearing
Motor Lead Exit	Terminal Panel Or Lead Hole
Motor Lead Quantity/Wire Size	9 @ 18 AWG
Motor Lead Termination	None
Motor Standards	NEMA
Motor Type	1710M
Mounting Arrangement	F1
Number of Poles	4
Overall Length	11.58 IN
Power Factor	65
Product Family	General Purpose
Pulley End Bearing Type	Ball
Pulley Face Code	C-Face
Pulley Shaft Indicator	Ext Thread
Rodent Screen	None
RoHS Status	ROHS EXEMPT
Service Factor	1.35
Shaft Diameter	0.000 IN
Shaft Extension Location	Pulley End
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	Shaft Slinger
Speed	1725 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Vibration Sensor Indicator	No Vibration Sensor

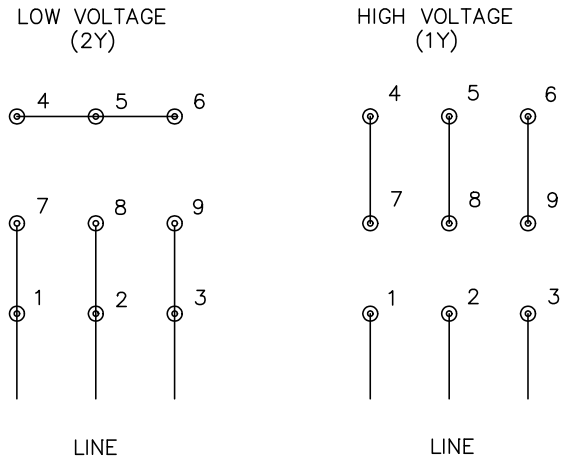
Nameplate

NP1203									
CAT.NO.						**ENCL**	OPEN		
SPEC.	17E179W257G1					**FRAME**	56J		
HP	.25								
VOLTS	230/460								
AMPS	1.1/.55								
RPM	1725								
HZ	60	**PH**	3	**CL**	B				
SER.F.	1.35	**DES**	B	**CODE**	K				
FL EFF	68	**PF**	65						
RATING	40C AMB-CONT								
SF AMP	1.3/.65					**USABLE AT 208V**	N/A		
S/N									
MANUAL	N	**AUTO**	N	**NONE**	Y				


17LYE179
408–416 = 11.58
417–418 = 11.83
419–421 = 12.20
422–428 = 13.08
429–432 = 13.58
2.56
CHECK W/GAGE T–6338
1.87±.03
.13
.50 NPT W/ PLUG
NAMEPLATE
.16
5.87
5.62
.6250
.6245
4.500
4.497
SLOT .09 WIDE .12 DEEP
4 SLOTS .34 WIDE
.50
3.00
2.56
4.00
.44–20 UNF–2A RH THREAD W/PROTECTOR
4 HOLES .38–16 TAP .56 DEEP ON 5.88 DIA B.C.
5.63
45°
45°
6.31
3.50
3.44
THERMAL IN FRONT ENDPLATE (WHEN REQ'D)
2.44
2.44
3.25
6.50
NO LONGER AVAILABLE
17LYE179
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.
REV. DESC: NLA
REV. LTR: C
VERSION: 01
TDR: 000000890898
FILE: \AAA\00083\656
REVISED: 09:50:04 02/04/2015
BY: ENELLGO
MTL: –
BALDOR
HORZ 17M NEMA 56J OPEN W/DRIP COVER & FINNED ER
SH 1 of 1

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