

ABB BALDOR RELIANCE III



Customer information packet

M1759T

7.5/1.9HP, 1745/870RPM, 3PH, 60HZ, 213T, 3742

Class - None

Division - Not Applicable

Specifications

Enclosure	TEFC
Frame	213T
Frame Material	Steel
Frequency	60.00 Hz
Haz Area Class and Group	None
Haz Area Division	Not Applicable
Motor Letter Type	Three Phase
Output @ Frequency	7.500 HP @ 60 HZ 1.900 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	460.0 V @ 60 HZ
Agency Approvals	UR CSA
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	9.200 A @ 460.0 V
Design Code	A
Drip Cover	No Drip Cover
Duty Rating	CONT
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Shaft Indicator	None
Heater Indicator	No Heater
High Voltage Full Load Amps	3.5 a
Insulation Class	F
Inverter Code	Not Inverter
KVA Code	L

Part Detail

Revision	E
Type	AC
Mech. spec.	37T397
Base	
Status	PRD/A
Elec. spec.	37WGZ652
Layout	37LYT397
Eff. date	05-14-2024
CD Diagram	CD0032
Poles	04/08
Leads	6#14
Proprietary	False
Created date	12-10-2020

Lifting Lugs	Standard Lifting Lugs
Locked Bearing Indicator	No Locked Bearing
Motor Lead Quantity/Wire Size	6 @ 14 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3742M
Mounting Arrangement	F1
Number of Poles	4 8
Overall Length	19.01 IN
Product Family	General Purpose
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Pulley Shaft Indicator	Standard
Rodent Screen	None
Service Factor	1.15
Shaft Diameter	1.375 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	1745 rpm 870 rpm
Speed Code	2S-1W-VT
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.	M1759T									
SPEC.	37T397Z652G1									
HP	7.5/1.9									
VOLTS	460									
AMP	9.2/3.5									
RPM	1745/870									
FRAME	213T		HZ	60		PH	3			
SER.F.	1.15	CODE	L	DES	A	CLASS	F			
NEMA-NOM-EFF		PF								
RATING	40C AMB-CONT									
CC										
DE	6307		ODE	6206						
ENCL	TEFC	SN								

Accessories

Part number	Description	Multiplier
37-3301	C FACE KIT	P1

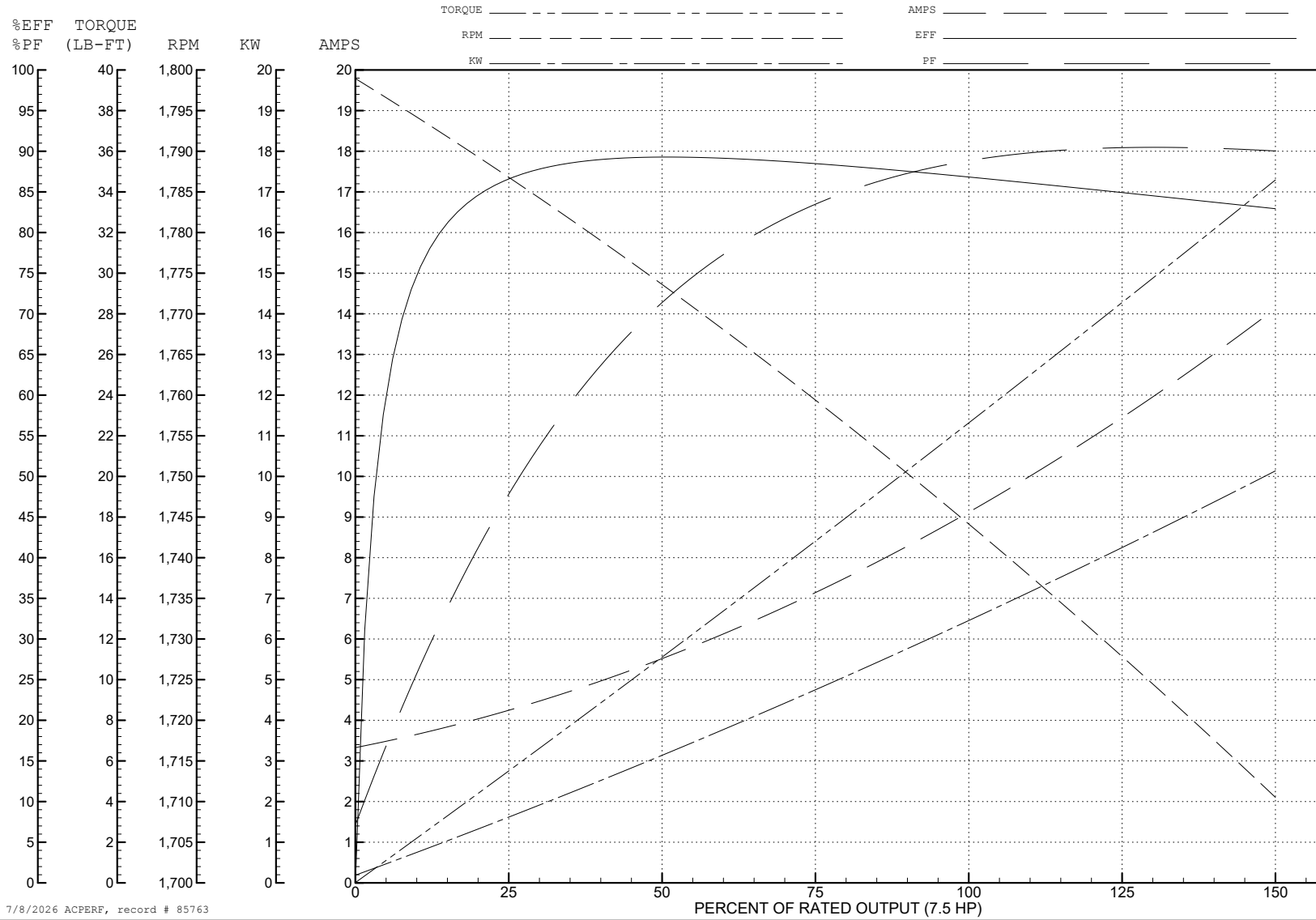
ABB Motors and Mechanical Inc.

WINDING # 37WGZ652

Typical performance - not guaranteed values.

7.5 HP 3 PH 60 HZ 1745 RPM 460 V 3742M

TORQUES (LB-FT): PO=76.59 PU=45.72 LR=57.14 LRA=91.28



7/8/2026 ACPERF, record # 85763

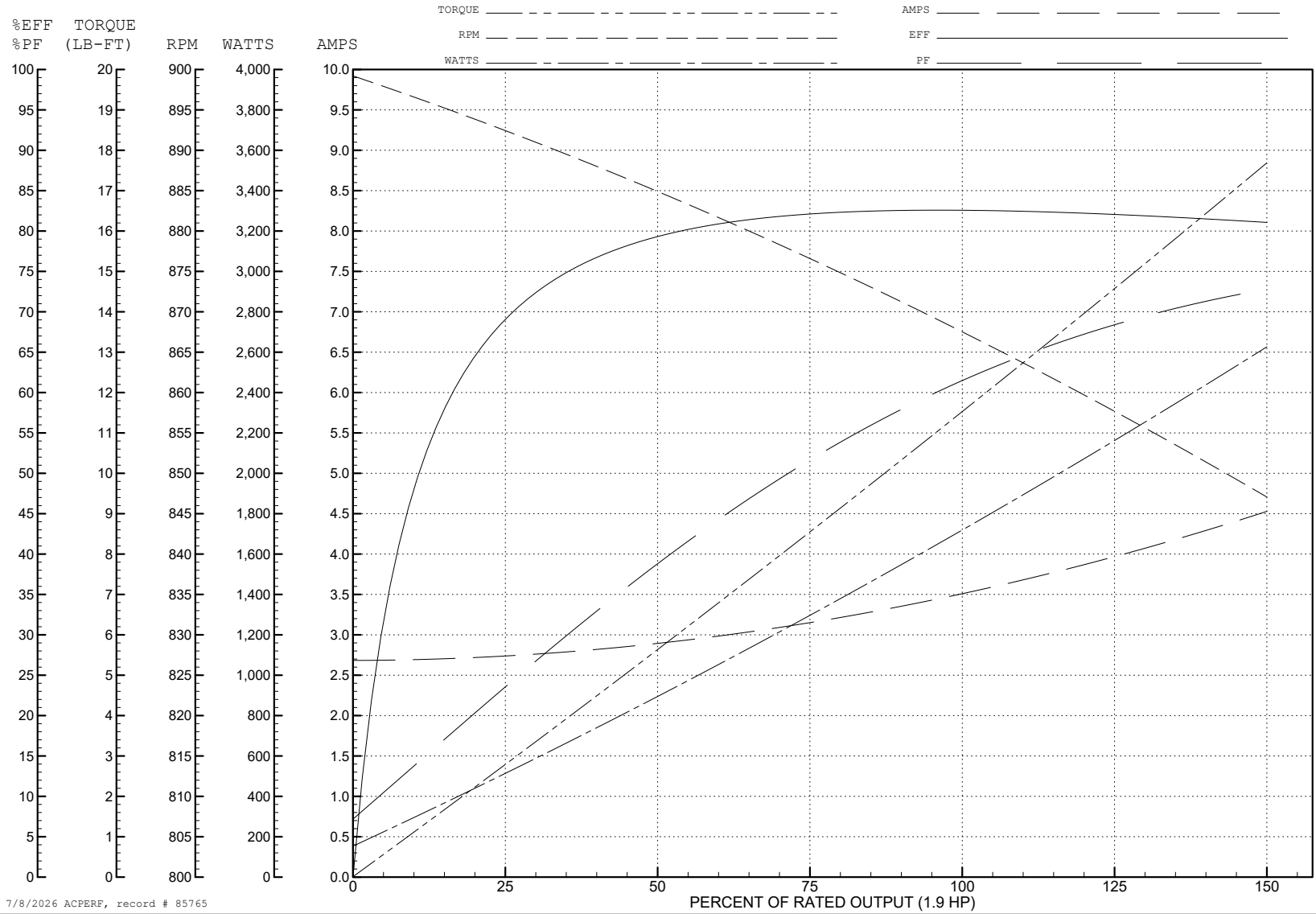
ABB Motors and Mechanical Inc.

WINDING # 37WGZ652

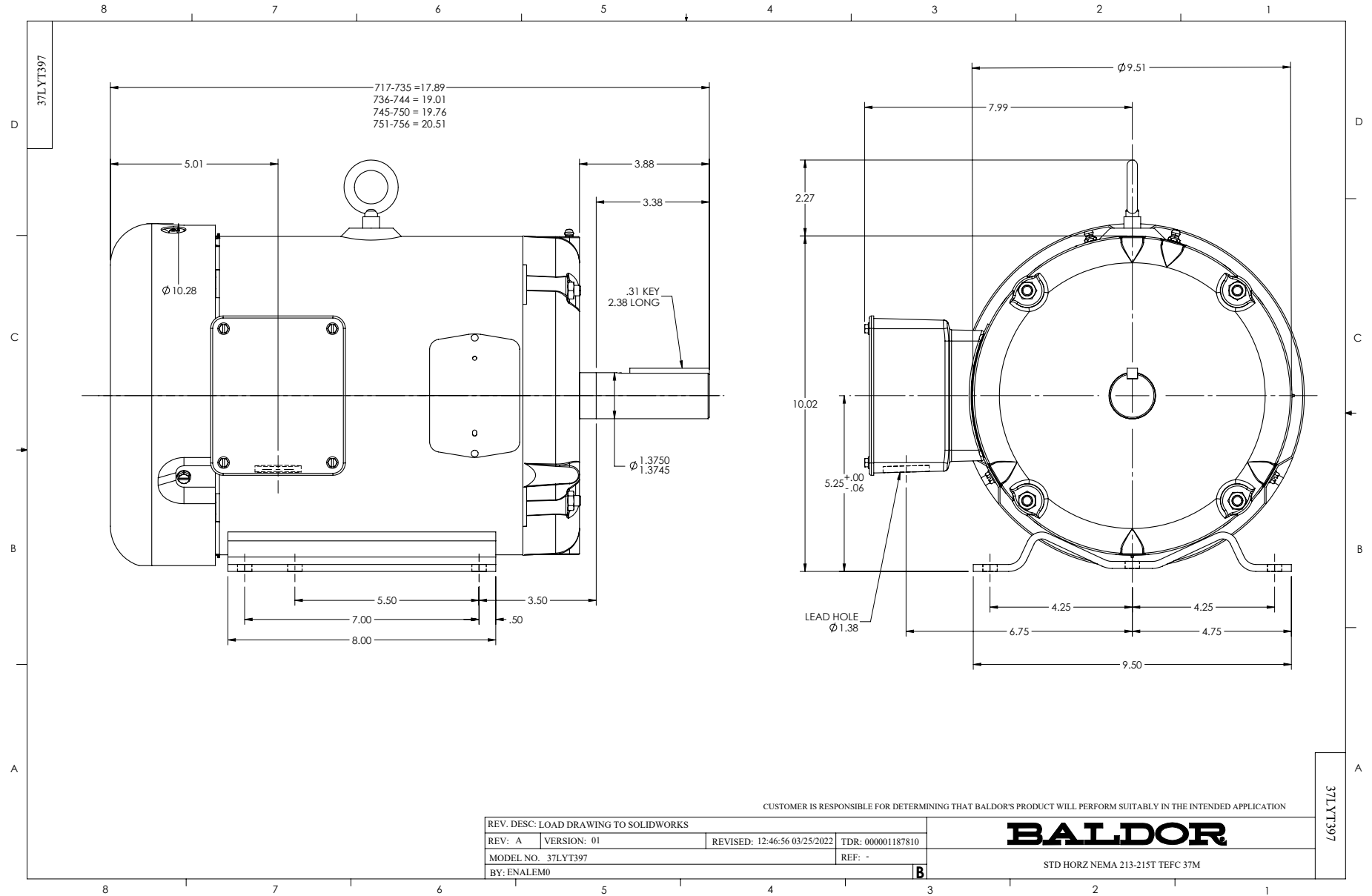
1.9 HP 3 PH 60 HZ 867.8 RPM 460 V 3742M

Typical performance - not guaranteed values.

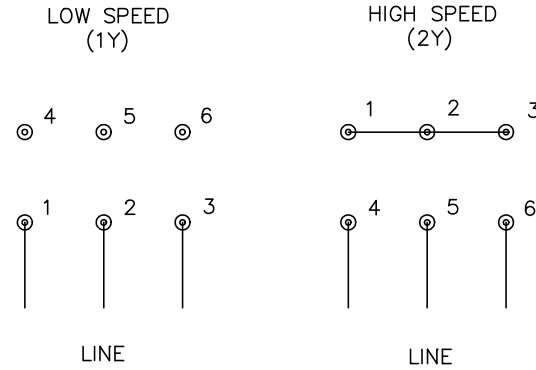
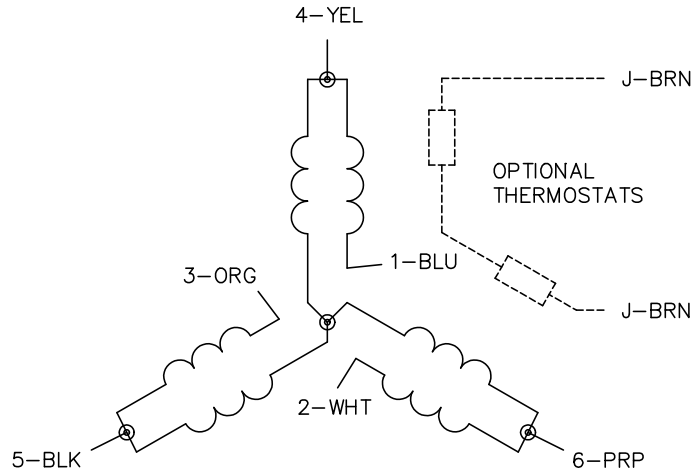
TORQUES (LB-FT): PO=33.6 PU=20.79 LR=19.5 LRA=14.8



7/8/2026 ACPERF, record # 85765



CD0032



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.

CD0032

REV. DESC: REVISE TO SHOW OPTIONAL COLORS			
REV. LTR: E	BY: JLP	REVISED: 01/22/99 8:27	TDR: 0171435
CD0032		FILE: AAA00005145	MDL: -
		MTL: -	

BALDOR ELECTRIC Co.

3PH, SV, 6 LEADS, 2-SPEED 1-WINDING VARIABLE TORQUE