

ABB BALDOR RELIANCE III

Customer information packet

CESSWDM23994T

15HP, 3520RPM, 3PH, 60HZ, 254TC, 3952M, TEFC, F

Class -

Division - Not Applicable

Specifications

Enclosure	TEFC
Frame	254TC
Frame Material	Stainless Steel
Frequency	60.00 Hz
Haz Area Division	Not Applicable
Motor Letter Type	Three Phase
Output @ Frequency	15.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	3600 RPM @ 60 HZ
Voltage @ Frequency	460.0 V @ 60 HZ 230.0 V @ 60 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	16.500 A @ 460.0 V 33.000 A @ 230.0 V 36.000 A @ 208.0 V
Design Code	A
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	91.0 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Face Code	Standard
Front Shaft Indicator	None
Heater Indicator	No Heater
High Voltage Full Load Amps	16.5 a

Part Detail

Revision	AU
Type	AC
Mech. spec.	39E119
Base	
Status	PRD/A
Elec. spec.	39WGX633
Layout	39LYE119
Eff. date	11-18-2025
CD Diagram	CD0005
Poles	02
Leads	9#12
Proprietary	False
Created date	03-18-2008

Insulation Class	F
Inverter Code	Inverter Ready
KVA Code	J
Lifting Lugs	Standard Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Motor Lead Exit	Ko Box
Motor Lead Quantity/Wire Size	9 @ 12 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3952M
Mounting Arrangement	F1
Number of Poles	2
Overall Length	24.67 IN
Power Factor	92
Product Family	Wash Down All Stainless Steel
Pulley End Bearing Type	Sealed Bearing
Pulley Face Code	Standard
Pulley Shaft Indicator	Standard
Rodent Screen	None
Service Factor	1.15
Shaft Diameter	1.625 IN
Shaft Extension Location	Pulley End
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	Shaft Slinger
Speed	3520 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

NP1953D01									
CAT.NO.	CESSWDM23994T								
SPEC.	39E119X633G1								
HP	15								
VOLTS	230/460								
AMP	33/16.5								
RPM	3520								
FRAME	254TC		HZ	60		PH	3		
SER.F.	1.15	CODE	J	DES	A	CLASS	F		
NEMA-NOM-EFF	91	PF	92						
RATING	40C AMB-CONT								
CC	010A	USABLE AT 208V	N/A						
DE	6309	ODE	6208						
ENCL	TEFC	SN							
	2:1 CT/10:1 VT								

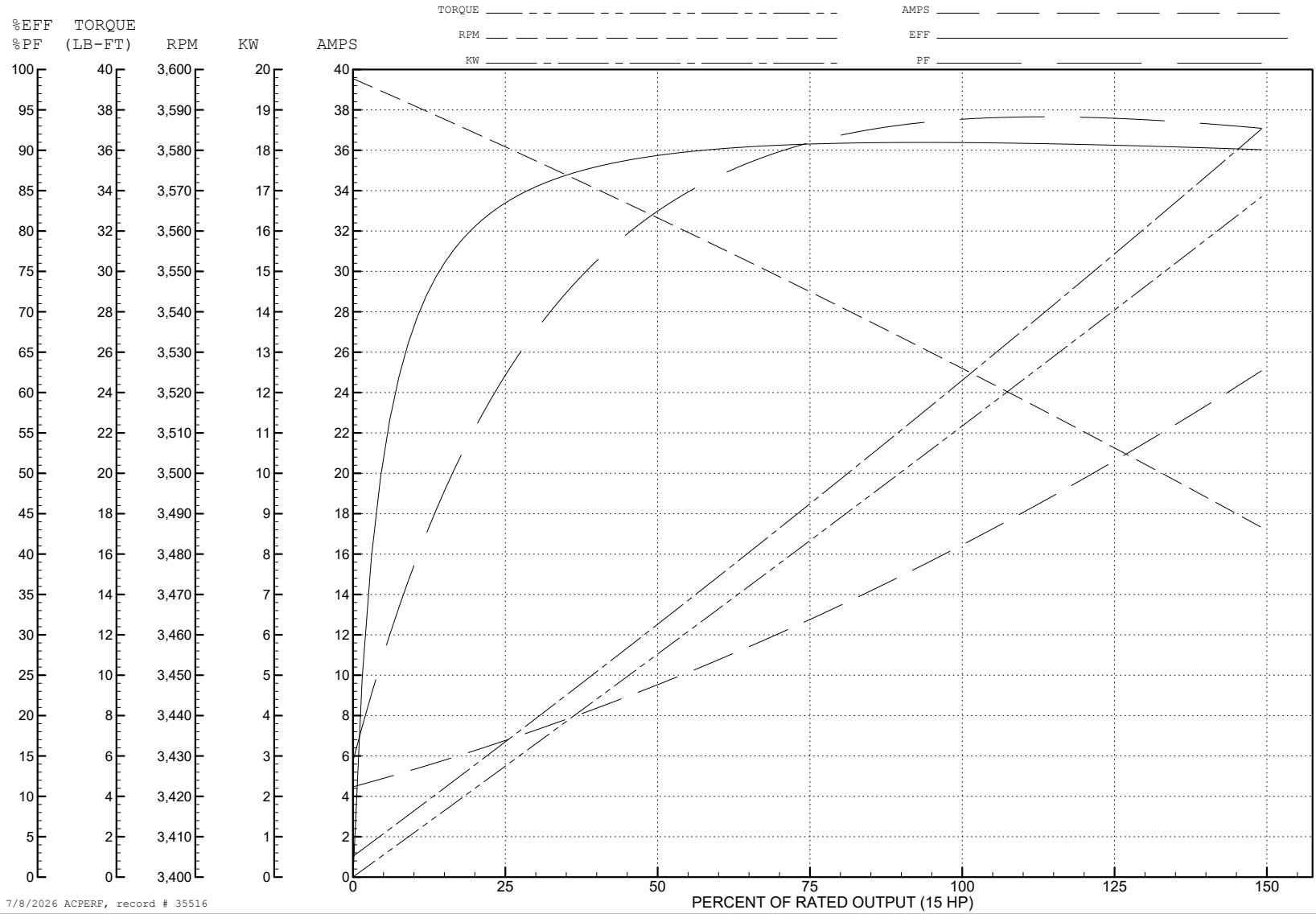
ABB Motors and Mechanical Inc.

WINDING # 39WGX633

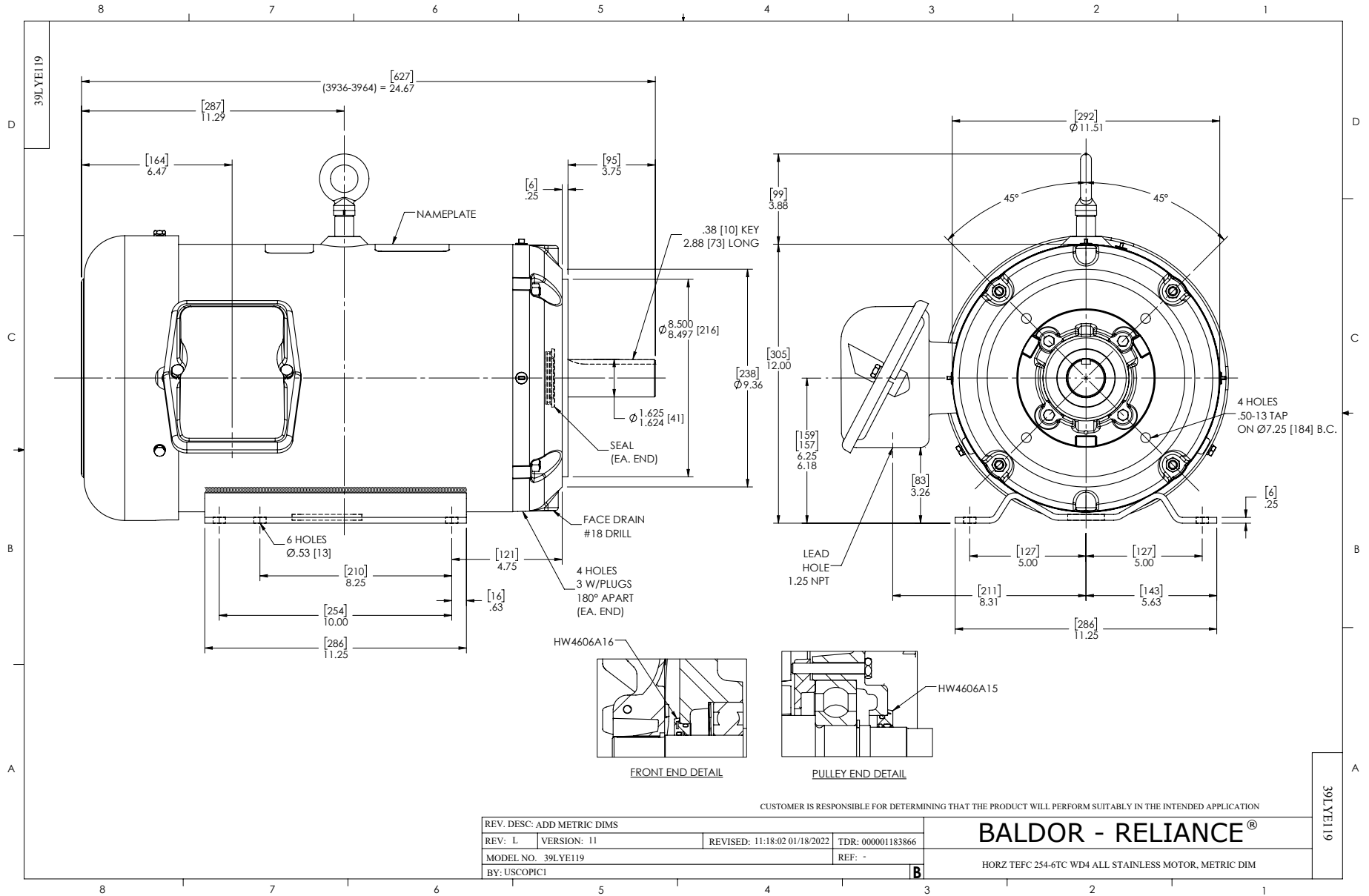
Typical performance - not guaranteed values.

15 HP 3 PH 60 HZ 3520 RPM 460 V 3952M

TORQUES (LB-FT): PO=100 PU=36.4 LR=47.4 LRA=145



7/8/2026 ACPERF, record # 35516



CD0005

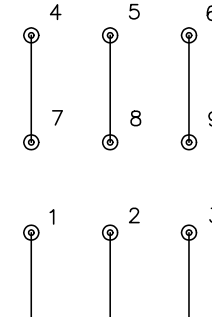


LOW VOLTAGE
(2Y)



LINE

HIGH VOLTAGE
(1Y)



LINE

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			
REV. LTR: E	BY: JLP	REVISED: 01/19/99 10:15	TDR: 0171435
S00000		FILE: AAA00005140	MDL: -
		MTL: -	

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS