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BALDOR • RELIANCE

Product Information Packet

CDP3440

.75HP,1750RPM,DC,56C,3428P,TEFC,F1,N

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Part Detail

Revision:	AF	**Status:**	PRD/A	**Change #:**		**Proprietary:**	No
Type:	DC	**Prod. Type:**	3428P	**Elec. Spec:**	34WG3662	**CD Diagram:**	CD0194
Enclosure:	TEFC	**Mfg Plant:**		**Mech. Spec:**	34-5990	**Layout:**	34LY5990
Frame:	56C	**Mounting:**	F1	**Poles:**	00	**Created Date:**	
Base:	RG	**Rotation:**	R	**Insulation:**	F	**Eff. Date:**	11-05-2018
Field Type:		**Literature:**		**Elec. Diagram:**		**Replaced By:**	

Specs

Enclosure:	TEFC		
Frame:	56C		
Frame Material:	Steel		
XP Class and Group:	None		
Agency Approvals:	CE		
	CSA		
	UR		
	WEEE		
Base Indicator:	Rigid		
Bearing Grease Type:	Polyrex EM (-20F +300F)		
Drip Cover:	No Drip Cover		
Duty Rating:	CONT		
Feedback Device:	NO FEEDBACK		
Heater Indicator:	No Heater		
Insulation Class:	F		
Lifting Lugs:	No Lifting Lugs		

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Motor Lead Quantity/Wire Size:	2 @ 14 AWG		
Motor Lead Exit:	Ko Box		
Motor Lead Termination:	Flying Leads		
Mounting Arrangement:	F1		
Product Family:	General Purpose		
Pulley End Bearing Type:	Sealed Bearing		
RoHS Status:	ROHS COMPLIANT		
Shaft Extension Location:	Pulley End		
Shaft Ground Indicator:	No Shaft Grounding		
Shaft Rotation:	Reversible		
Shaft Slinger Indicator:	No Slinger		
Motor Standards:	NEMA		
XP Division:	Not Applicable		

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Nameplate NP0891L

CAT.NO.	CDP3440				
SPEC.	34-5990-3662				
HP	.75	**ENCL**	TEFC		
RPM	1750				
FRAME	56C	**TYPE**	3428P		
ARM V	90	**ARM A**	7.6		
FLD V		**FLD A**			
INSUL	F	**AMB.**	40		
DUTY	CONT	**SUPPLY**	1.5		
BRG/DE	6203	**BRG/ODE**	6203		
BRUSHES	2/BP5000BK08				
		BLANK	IP44		
SER.					
BLANK					
APRV-CE	Y	**APRV-CSA**	Y	**APRV-UL**	Y

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DC Motor Performance Data

Record # 2650 - Typical performance - not guaranteed values

Winding: 34WG3662-R001	**Type:** 3428P	**Enclosure:** TEFC

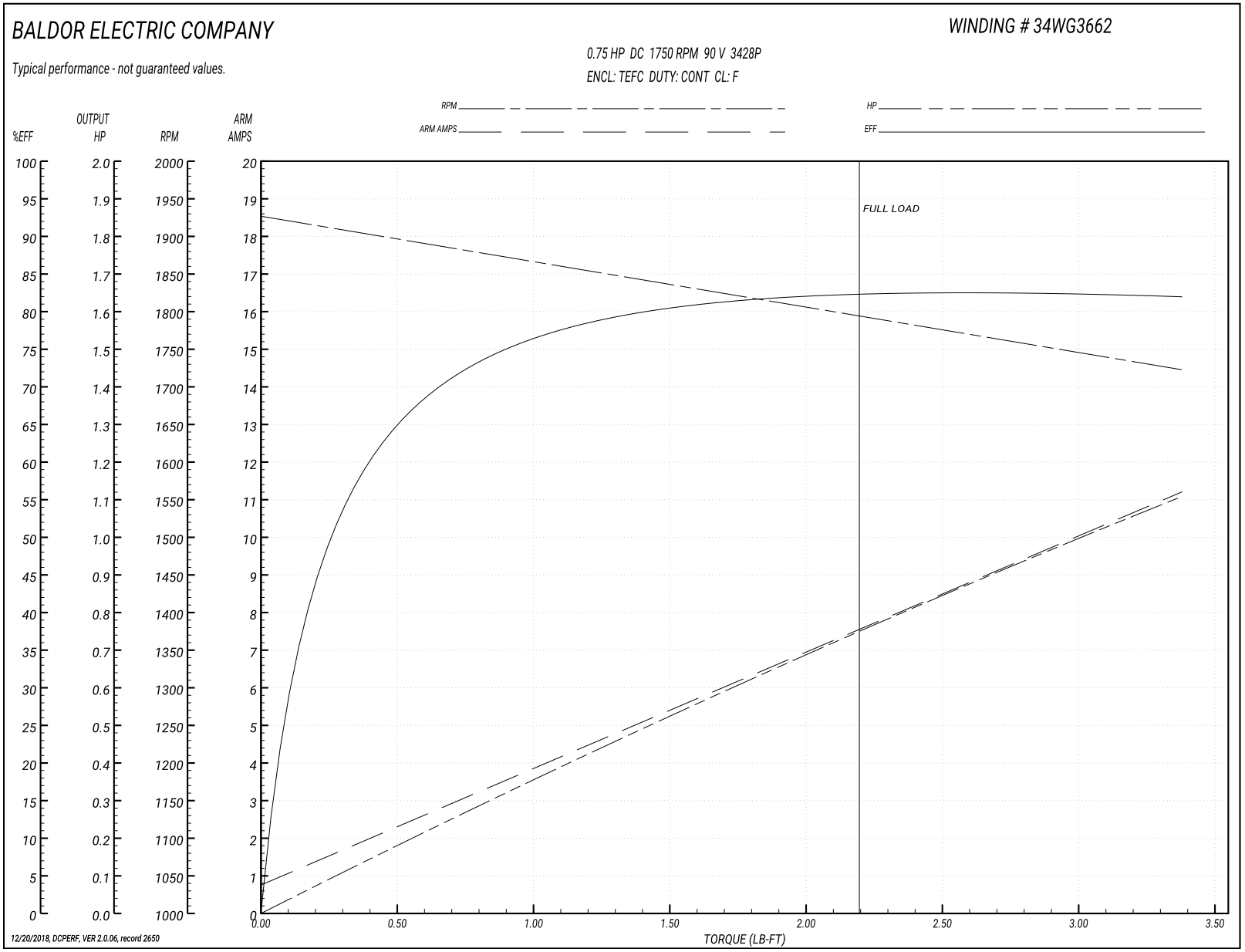
Nameplate Data			General Characteristics	
Rated Output (HP)	0.75		Armature Resistance @ 25ºC	0.7344 Ω
R.P.M.	1750			
Armature Volts	90		Voltage Constant	45.88 v/krpm
Armature Amps	7.6			
Field Volts			Armature Inductance	6.683 mH
Field Amps			Armature Inertia	10.9256 LI²
Rating - Duty	40C AMB-CONT			
Form Factor	1.5			

Load Characteristics at 90 Armature Volts

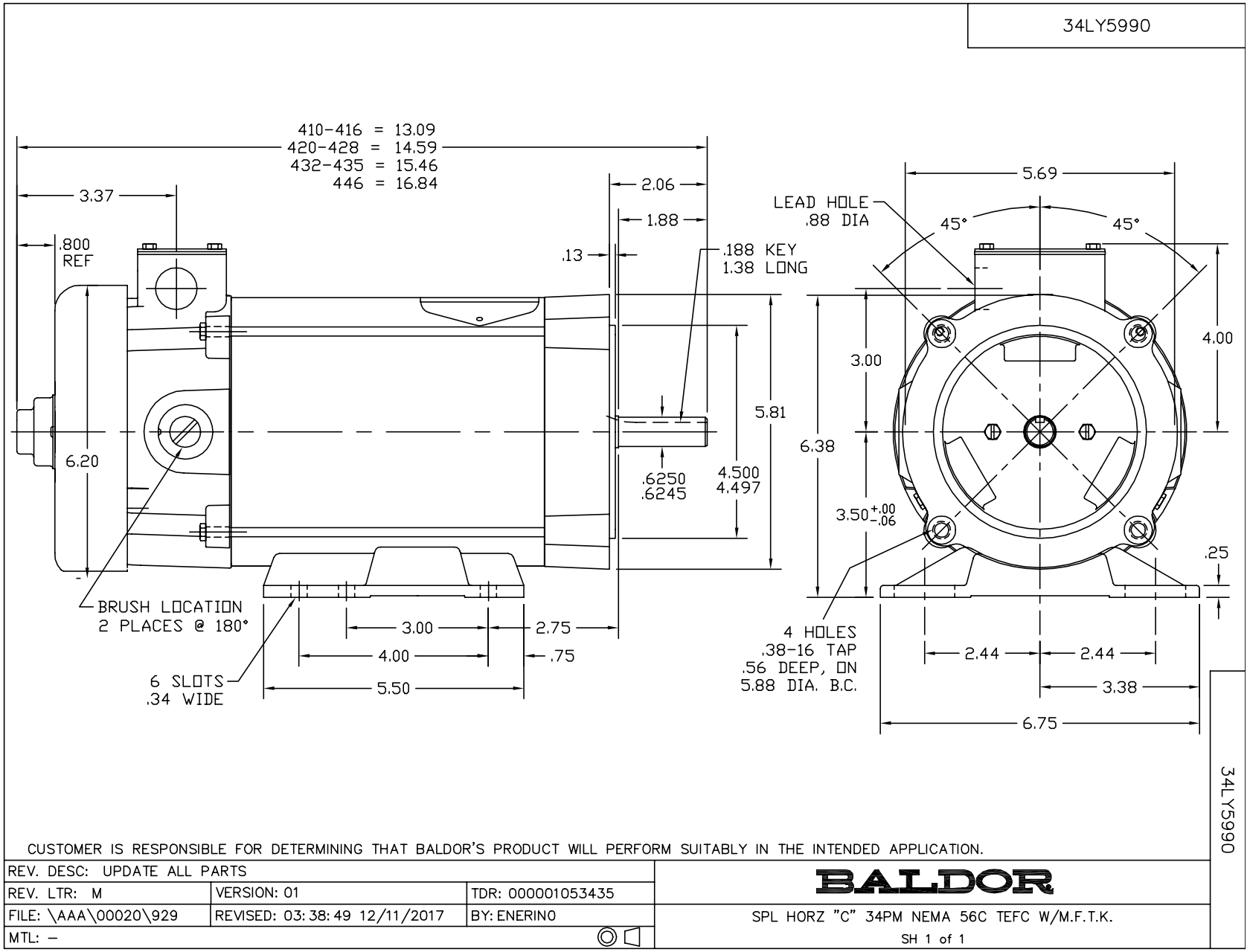
Load Point	1	2	3	4	5	6	7
Armature Amps	0.9	2.15	4.52	5.83	7.69	9.6	11.13
R.P.M.	1933	1889	1851	1825	1798	1759	1720
Torque (LB-FT)	0	0.56	1.12	1.68	2.25	2.81	3.38

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Performance Graph at 90.0 Arm V, 0.75HP Typical performance - Not guaranteed values

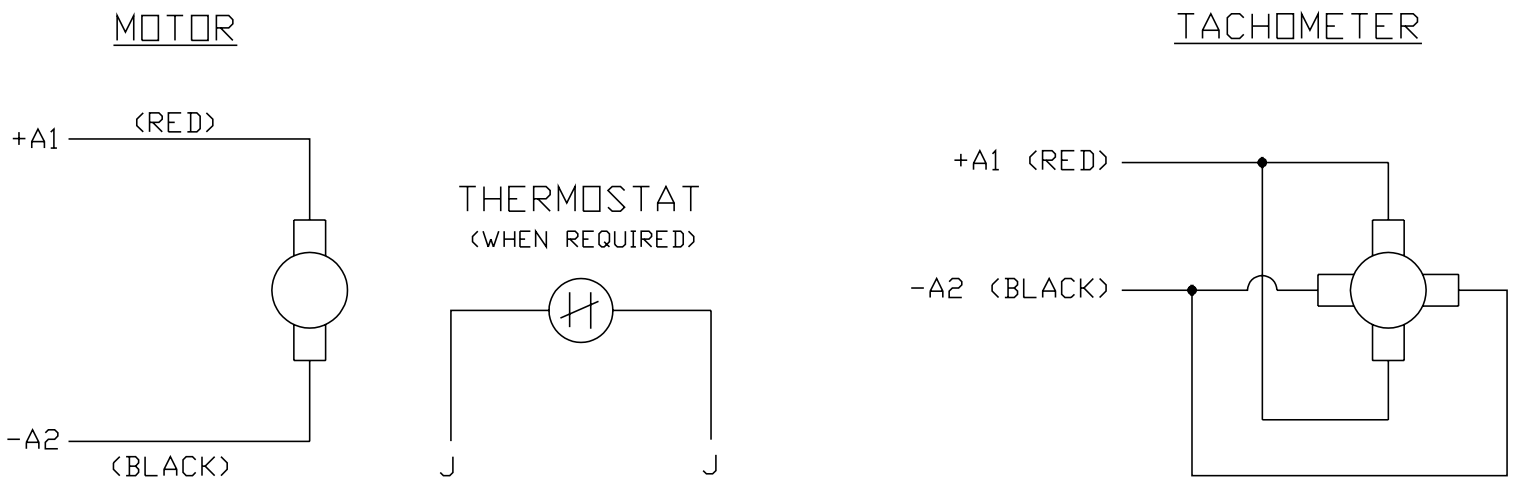


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CD0194



NOTES:

1. CCW ROTATION AS SHOWN FACING COMMUTATOR END. TO REVERSE MOTOR ROTATION OR TACHOMETER OUTPUT POLARITY INTERCHANGE LEADS A1(RED) & A2(BLACK)

2. LEAD COLORS FOR REFERENCE ONLY & NOT SPECIFIED BY THIS DRAWING. LEAD COLORS SPECIFIED BY LAYOUT DRAWING & BILL OF MATERIAL ONLY.

MATL: –				BALDOR ELECTRIC Co.
REV: E	ADDED NOTE "LEAD COLORS FOR REFERENCE ONLY &....			
CD0194	SCALE: –	BY: CK	REVISED: 07/28/95	CD TYPE P DC PERMANENT MAGNET MOTORS AND TACHOMETERS
	FILE: AAA00004503		TDR: 0078737	

CD0194

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