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BALDOR • RELIANCE

Product Information Packet

IDXM7002

.33HP,1750RPM,3PH,60HZ,56C,3513M,XPFC,F1

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Part Detail							
Revision:	L	**Status:**	PRD/A	**Change #:**		**Proprietary:**	No
Type:	AC	**Prod. Type:**	3512M	**Elec. Spec:**	35WGN563	**CD Diagram:**	CD0005
Enclosure:	XPFC	**Mfg Plant:**		**Mech. Spec:**	35M998	**Layout:**	35LYM998
Frame:	56C	**Mounting:**	F1	**Poles:**	04	**Created Date:**	09-17-2012
Base:	RG	**Rotation:**	R	**Insulation:**	F	**Eff. Date:**	12-29-2016
Leads:	9#18					**Replaced By:**	
Literature:		**Elec. Diagram:**					

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Nameplate NP0887XPSL

NO.				CC			
S/N				TEMP CODE	T3C		
SPEC.	35M998N563G1			INV.TYPE	PWM		
CAT.NO.	IDXM7002			C HP FR	60	C HP TO	90
HP	.33			CT HZ FROM	6	CT HZ TO	60
VOLTS	230/460			VT HZ FROM	6	VT HZ TO	60
AMPS	1.1/.55			MAG CUR	.8/.4		
RPM	1750			MX RPM	2700		
HZ	60	PH	3	CL	F	NOM.EFF.	80
SER.F.	1.00	DES	B	SL HZ	1.7	WK2	0.077
FRAME	56C	RATING	40C AMB-CONT				
	55C RISE						

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AC Induction Motor Performance Data

Record # 39803
Typical performance - not guaranteed values

Winding: 35WGN563	**Type:** 3513M	**Enclosure:** XPNV

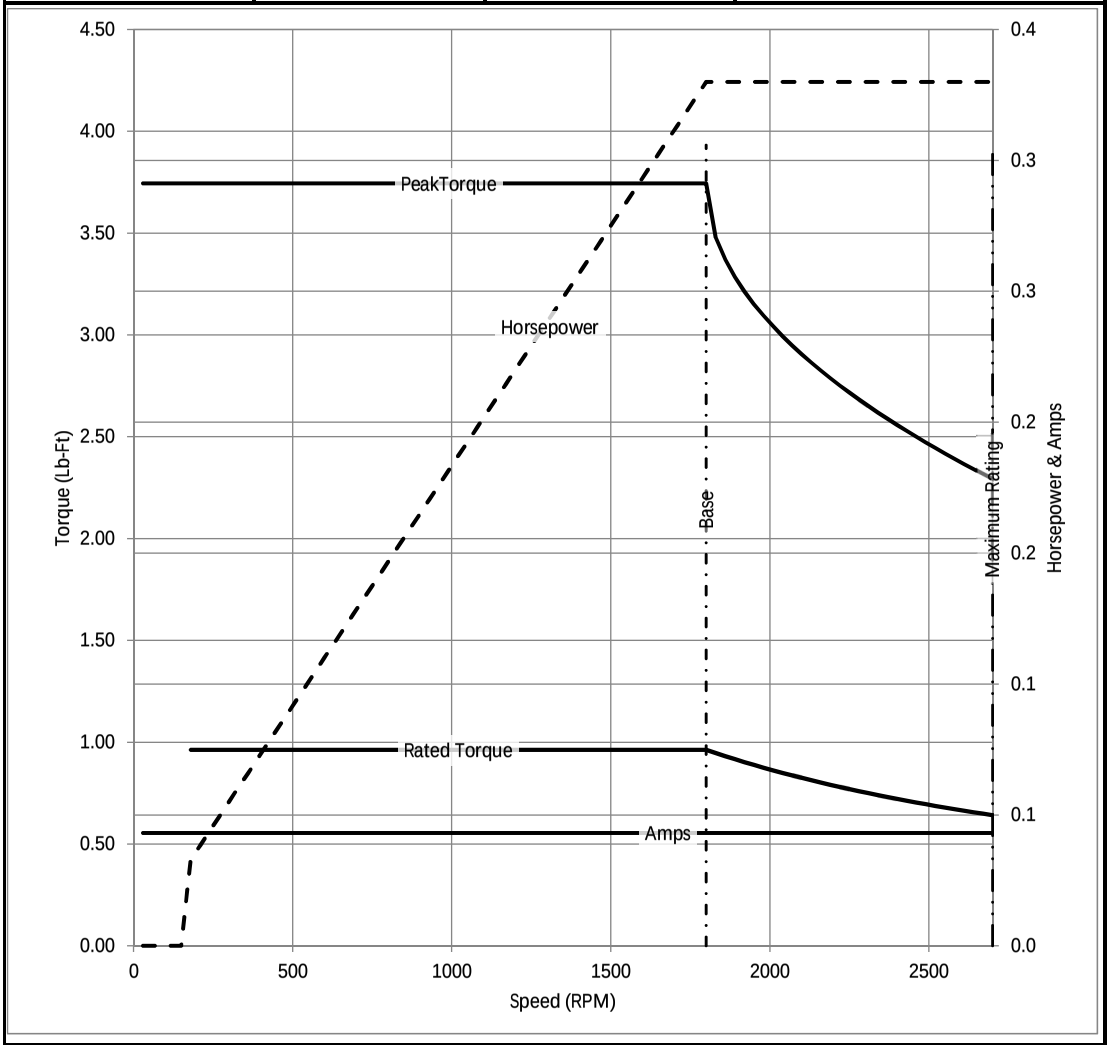
Nameplate Data				General Characteristics at 460 V, 60 Hz: High Volt Connection	
Rated Output (HP)	.33			Full Load Torque	0.991 LB-FT
Volts	230/460			Start Configuration	DOL
Full Load Amps	1.1/.55			Break Down Torque	4.16 LB-FT
R.P.M.	1750			Pull-Up Torque	2.53 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	3.05 LB-FT
NEMA Design Code	B	KVA Code	M	Starting Current	4.29 Amps
Service Factor	1			No-load Current	0.389 Amps
NEMA Nom. Eff.	80	P.F.	70	Line-line Res. @ 25°C.	54.013 Ohms
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	45°C
S.F. Amps				Temp. Rise @ S.F. Load	

Load Characteristics at 460 Volts, 60 Hz, 0.33 HP

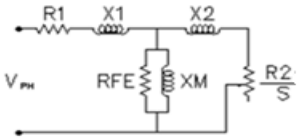
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	32	47	60	70	76	81	
Efficiency	61.6	73.8	78.5	80.2	80.4	79.9	
Speed	1786.6	1775.9	1764.4	1752.5	1739.3	1723.7	
Line Amperes	0.405	0.444	0.489	0.554	0.631	0.719	

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Catalog	IDXM7002	NP VOLTS	230/460	ENCLOSURE	XPFC	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
FRAME	56C	NP AMPS	1.1/.55	Base Volts	460	R1	26.400	X1	28.880
HP	0.33 HP	DUTY	Cont	Base AMPS	0.554	R2	13.800	X2	16.783
BASE SPEED	1800	MAX SAFE RPM	2700	Slip Hz	1.57			XM	663.430
PHASE/HZ	3/60	AMB^{0}C/INSUL	40/F	WK^2 (lb-ft^2)	0.0768				

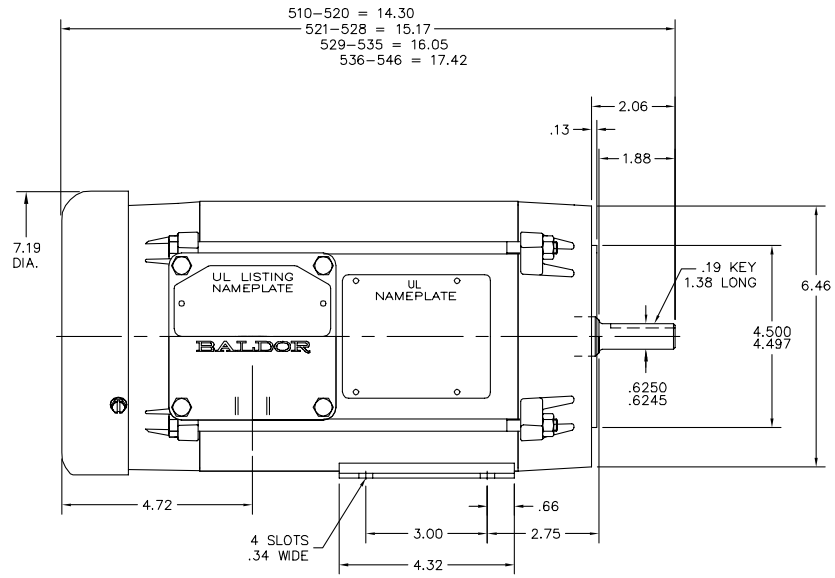


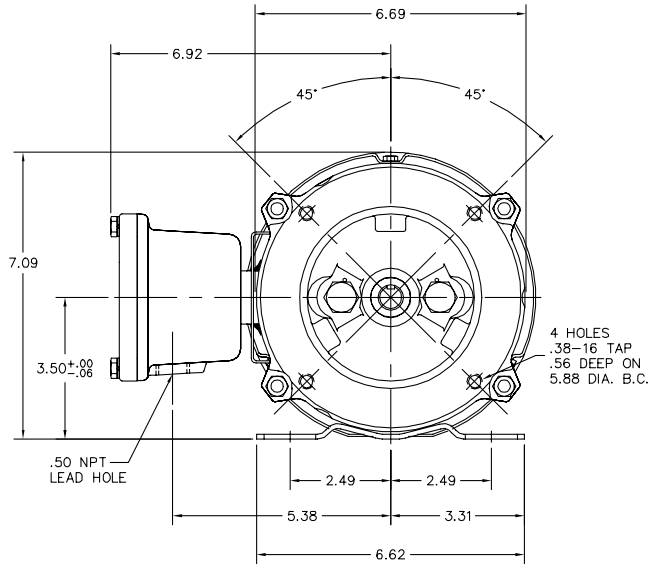
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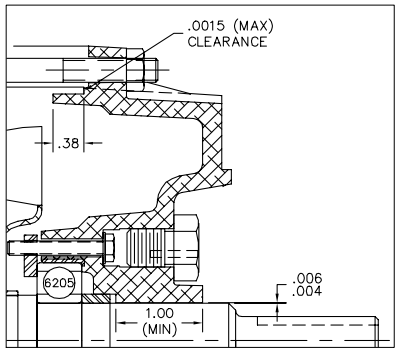


BALDOR A MEMBER OF THE ABB GROUP	DR BY	ENR	A-C MOTOR PERFORMANCE CURVES
	CK BY		35M998N563G1
	APP BY	ENR	
	DATE	3/4/2013	ISSUE DATE 3/4/2013

35LYM998







35LYM998

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

REV. DESC: ADD .50 NPT LEAD HOLE & .19 KEY X 1.38 LONG		
REV. LTR: E	VERSION: 04	TDR: 000000936228
FILE: \AAA\00024\748	REVISED: 02:03:16 07/27/2015	BY: ENROST0
MTL: –		

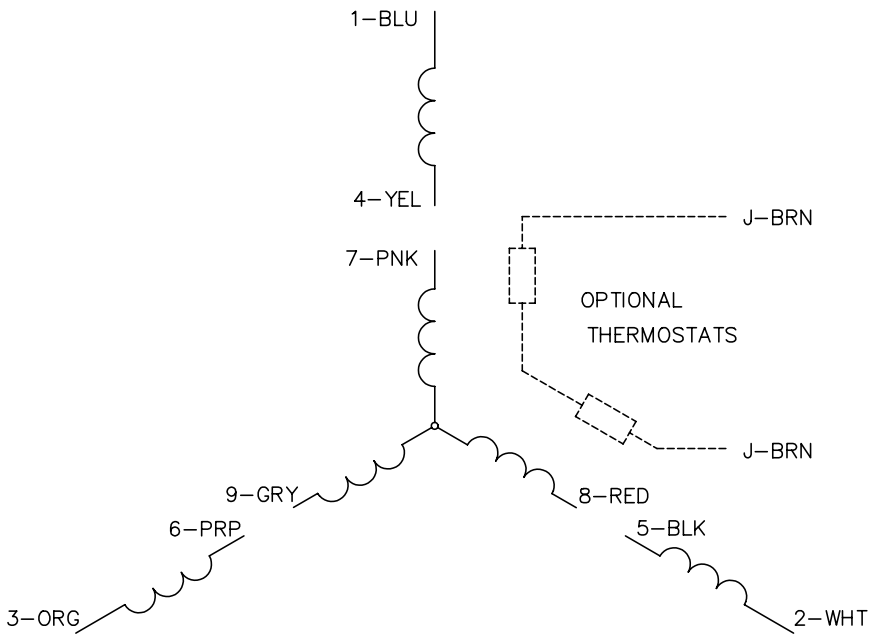
BALDOR

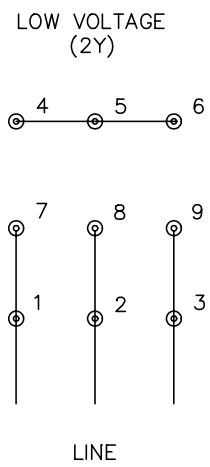
HORZ 56C XPFC 35M CL–I GP–D, CL–II GP–F&G, .50 NPT (INV)

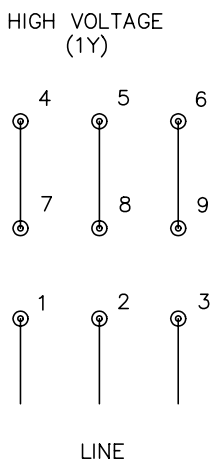
SH 1 of 1

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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

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