

BALDOR® • RELIANCE

Product Information Packet

ANFL3514M

1.5HP,1725RPM,1PH,60HZ,56YZ,3532LC,TEFC

Part Detail							
Revision:	V	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3532LC	Elec. Spec:	35WGY843	CD Diagram:	CD0320
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	35R216	Layout:	35LYR216
Frame:	56YZ	Mounting:	F1	Poles:	04	Created Date:	
Base:	N	Rotation:	R	Insulation:	F	Eff. Date:	01-19-2017
Leads:	4#16 A&J,2#18 B PH,1#14 #4TH					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1280L

CAT.NO.	ANFL3514M										
SPEC.	35R216Y843										
HP	1.5										
VOLTS	115/230										
AMP	18/9										
RPM	1725										
FRAME	56YZ				HZ	60		PH	1		
SER.F.	1.00			CODE	J		DES	L	CL	F	
NEMA-NOM-EFF	75.5			PF	73						
RATING	40C AMB-CONT										
CC				USABLE AT 208V						9	
DE	6203			ODE	6203						
ENCL	TEFC			SN							

AC Induction Motor Performance Data

Record # 61279 - Typical performance - not guaranteed values

Winding: 35WGY843-R006	Type: 3532LC	Enclosure: TEFC
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Nameplate Data				230 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	1.5			Full Load Torque	4.5 LB-FT
Volts	115/230			Start Configuration	direct on line
Full Load Amps	18/9			Breakdown Torque	14.5 LB-FT
R.P.M.	1725			Pull-up Torque	11.5 LB-FT
Hz	60	Phase	1	Locked-rotor Torque	15 LB-FT
NEMA Design Code	L	KVA Code	J	Starting Current	57 A
Service Factor (S.F.)	1			No-load Current	6 A
NEMA Nom. Eff.	75.5	Power Factor	73	Line-line Res. @ 25°C	1.41 Ω A Ph 1.18 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	

Load Characteristics 230 V, 60 Hz, 1.5 HP

% of Rated Load	25	50	75	100	125	150
Power Factor	34	50	63	73	77	81
Efficiency	58	70	74	75.5	75.5	74.5
Speed	1784	1773	1759	1743	1726	1706
Line amperes	6.3	6.8	7.7	9	10	11.6

Performance Graph at 230V, 60Hz, 1.5HP Typical performance - Not guaranteed values





