

BALDOR® • RELIANCE

Product Information Packet

VEUHM3554T

1.5HP,1760RPM,3PH,60HZ,145TC,3526M,TEFC

Part Detail							
Revision:	M	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3526M	Elec. Spec:	35WGM493	CD Diagram:	CD0005
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	35W819	Layout:	35LYW819
Frame:	145TC	Mounting:	F3	Poles:	04	Created Date:	10-05-2010
Base:	N	Rotation:	R	Insulation:	F	Eff. Date:	09-06-2016
Leads:	9#18					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP2105L

CAT.NO.	VEUHM3554T										
SPEC.	35W819M493G1										
HP	1.5										
VOLTS	230/460										
AMP	4.4/2.2										
RPM	1760										
FRAME	145TC				HZ	60		PH	3		
SER.F.	1.15			CODE	L		DES	B	CL	F	
NEMA-NOM-EFF	86.5				PF	73					
RATING	40C AMB-CONT										
CC	010A			USABLE AT 208V					4.5		
DE	6205				ODE	6203					
ENCL	TEFC			SN							
	IP44										

AC Induction Motor Performance Data

Record # 32424 - Typical performance - not guaranteed values

Winding: 35WGM493-R001	Type: 3526M	Enclosure: TEFC
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Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	1.5			Full Load Torque	4.47 LB-FT
Volts	208-230/460			Start Configuration	direct on line
Full Load Amps	4.5-4.4/2.2			Breakdown Torque	19.2 LB-FT
R.P.M.	1760			Pull-up Torque	9.4 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	13.4 LB-FT
NEMA Design Code	B	KVA Code	L	Starting Current	18.3 A
Service Factor (S.F.)	1.15			No-load Current	1.37 A
NEMA Nom. Eff.	86.5	Power Factor	73	Line-line Res. @ 25°C	10.66 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	44°C
S.F. Amps				Temp. Rise @ S.F. Load	53°C
				Locked-rotor Power Factor	52
				Rotor inertia	0.154 LB-FT ²

Load Characteristics 460 V, 60 Hz, 1.5 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	31	51	65	73	79	83	77
Efficiency	75.9	84.5	86.8	87.1	86.4	85.4	86.7
Speed	1790.6	1781.1	1770.7	1760.1	1748.1	1734.9	1753
Line amperes	1.44	1.61	1.86	2.19	2.58	2.98	2.42

Performance Graph at 460V, 60Hz, 1.5HP Typical performance - Not guaranteed values





