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Product Information Packet

WALKER INDUSTRIAL PRODUCTS, INC.

VEM3555T

2HP,3490RPM,3PH,60HZ,143TC,3526M,TEFC,F1

Part Detail							
Revision:	B	Status:	PRD/A	Change #:		Proprietary:	Yes
Type:	AC	Prod. Type:	3526M	Elec. Spec:	35WGM774	CD Diagram:	CD0005
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	35AA003	Layout:	35LYAA003
Frame:	143TC	Mounting:	F1	Poles:	02	Created Date:	04-20-2015
Base:	N	Rotation:	R	Insulation:	B	Eff. Date:	10-16-2015
Leads:	9#18					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP3441LUA							
CAT.NO.	VEM3555T						
SPEC.	35AA003M774G3						
HP	2						
VOLTS	230/460						
AMP	5/2.5						
RPM	3490						
FRAME	143TC	HZ	60	PH	3		
SER.F.	1.15	CODE	M	DES	B	CL	B
NEMA-NOM-EFF	85.5	PF	88				
RATING	40C AMB-CONT						
CC	010A	USABLE AT 208V	5.3				
DE	6205	ODE	6203				
ENCL	TEFC	SN					
VPWM INVERTER READY							
CT6-60H(10:1)VT3-60H(20:1)							
	50Hz 2HP 190/380V 5.8/2.9A SF1.0						

AC Induction Motor Performance Data

Record # 53129 - Typical performance - not guaranteed values

Winding: 35WGM774-R077	Type: 3526M	Enclosure: TEFC
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Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	2			Full Load Torque	2.98 LB-FT
Volts	230/460			Start Configuration	direct on line
Full Load Amps	5/2.5			Breakdown Torque	14.2 LB-FT
R.P.M.	3490			Pull-up Torque	6.33 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	11.2 LB-FT
NEMA Design Code	B	KVA Code	M	Starting Current	25.9 A
Service Factor (S.F.)	1.15			No-load Current	0.912 A
NEMA Nom. Eff.	85.5	Power Factor	88	Line-line Res. @ 25°C	6.88 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	44°C
S.F. Amps				Temp. Rise @ S.F. Load	52°C
				Rotor inertia	0.0719 LB-FT ²

Load Characteristics 460 V, 60 Hz, 2 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	55	75	84	88	90	91	89
Efficiency	73.4	83.6	85.8	86.3	85.8	84.7	86
Speed	3572	3547	3520	3492	3461	3426	3473
Line amperes	1.1	1.47	1.93	2.44	3	3.61	2.78

Performance Graph at 460V, 60Hz, 2.0HP Typical performance - Not guaranteed values

