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Product Information Packet

WALKER INDUSTRIAL PRODUCTS, INC.

VEM31157

2HP,1750RPM,3PH,60HZ,56C,3530M,ODTF,F1,N

Part Detail							
Revision:	B	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3530M	Elec. Spec:	35WGL154	CD Diagram:	CD0005
Enclosure:	ODTF	Mfg Plant:		Mech. Spec:	35B015	Layout:	35LYB015
Frame:	56C	Mounting:	F1	Poles:	04	Created Date:	09-30-2014
Base:	N	Rotation:	R	Insulation:	B	Eff. Date:	09-21-2015
Leads:	9#18					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP3155L							
CAT.NO.	VEM31157						
SPEC.	35B015L154G1						
HP	2						
VOLTS	208-230/460						
AMP	6/3						
RPM	1750						
FRAME	56C	HZ	60	PH	3		
SER.F.	1.15	CODE	M	DES	B	CL	B
F.L. AVG. EFF.	86.5	PF	71				
RATING	40C AMB-CONT						
CC		USABLE AT 208V	6				
DE	6205	ODE	6203				
ENCL	ODTF	SN					

AC Induction Motor Performance Data

Record # 47470 - Typical performance - not guaranteed values

Winding: 35WGL154-R001	Type: 3530M	Enclosure: OPSB
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Nameplate Data				460 V, 60 Hz: Single Voltage Motor	
Rated Output (HP)	2			Full Load Torque	6 LB-FT
Volts	208-230/460			Start Configuration	direct on line
Full Load Amps	6/3			Breakdown Torque	27.9 LB-FT
R.P.M.	1750			Pull-up Torque	13.7 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	18.7 LB-FT
NEMA Design Code	B	KVA Code	M	Starting Current	26.4 A
Service Factor (S.F.)	1.15			No-load Current	1.94 A
NEMA Nom. Eff.	86.5	Power Factor	71	Line-line Res. @ 25°C	6.6 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	37°C
S.F. Amps				Temp. Rise @ S.F. Load	43°C
				Rotor inertia	0.177 LB-FT ²

Load Characteristics 460 V, 60 Hz, 2 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	31	49	63	71	77	81	74
Efficiency	75	83.9	86.7	87.2	86.9	86	87.4
Speed	1791	1783	1774	1766	1755	1744	1761
Line amperes	2.05	2.29	2.61	3.04	3.51	4.03	3.33

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





