



Product Information Packet

BM3569

.33HP,1725RPM,3PH,60HZ,56,BRAKE,3416M

Part Detail							
Revision:	Y	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:	34WG0116	CD Diagram:	CD0005	Mfg Plant:	
Mech. Spec:	34K044	Layout:	34LYK044	Poles:	04	Created Date:	
Base:	RG	Eff. Date:	10-12-2019	Leads:	9#18		

Specs			
Catalog Number:	BM3569	Insulation Class:	B
Enclosure:	TENV	Inverter Code:	Not Inverter
Frame:	56	IP Rating:	NONE
Frame Material:	Steel	KVA Code:	K
Motor Letter Type:	Three Phase	Lifting Lugs:	No Lifting Lugs
Output @ Frequency:	.330 HP @ 60 HZ	Locked Bearing Indicator:	No Locked Bearing
Synchronous Speed @ Frequency:	1800 RPM @ 60 HZ	Motor Lead Quantity/Wire Size:	9 @ 18 AWG
Voltage @ Frequency:	208.0 V @ 60 HZ	Motor Lead Exit:	Ko Box
	230.0 V @ 60 HZ	Motor Lead Termination:	Flying Leads
	460.0 V @ 60 HZ	Motor Type:	3416M
XP Class and Group:	None	Mounting Arrangement:	F1
XP Division:	Not Applicable	Power Factor:	64
Agency Approvals:	UR	Product Family:	General Purpose
	CSA	Product Type:	BRAKE MOTOR
Auxillary Box:	No Auxillary Box	Pulley End Bearing Type:	Ball
Auxillary Box Lead Termination:	None	Pulley Face Code:	Standard
Base Indicator:	Rigid	Pulley Shaft Indicator:	Standard
Bearing Grease Type:	Polyrex EM (-20F +300F)	Rodent Screen:	None

Blower:	None	Shaft Extension Location:	Pulley End
Current @ Voltage:	.700 A @ 460.0 V	Shaft Ground Indicator:	No Shaft Grounding
	1.400 A @ 230.0 V	Shaft Rotation:	Reversible
	1.500 A @ 208.0 V	Shaft Slinger Indicator:	No Slinger
Design Code:	B	Speed Code:	Single Speed
Drip Cover:	No Drip Cover	Motor Standards:	NEMA
Duty Rating:	CONT	Starting Method:	Direct on line
Electrically Isolated Bearing:	Not Electrically Isolated	Thermal Device - Bearing:	None
Feedback Device:	NO FEEDBACK	Thermal Device - Winding:	None
Front Face Code:	Brake Mounting	Vibration Sensor Indicator:	No Vibration Sensor
Front Shaft Indicator:	None	Winding Thermal 1:	None
Heater Indicator:	No Heater	Winding Thermal 2:	None

Nameplate NP1256L

CAT.NO.	BM3569										
SPEC.	34K44-116-B										
HP	.33										
VOLTS	208-230/460										
AMP	1.5-1.4/.7										
RPM	1725										
FRAME	56				HZ		60			PH	3
SER.F.	1.00			CODE	K	DES		B	CLASS	B	
NEMA-NOM-EFF	70			PF	64						
RATING	40C AMB-CONT										
CC				USABLE AT 208V							1.5
DE	6203			ODE	6203						
ENCL	TENV		SN								

AC Induction Motor Performance Data

Record # 6545

Typical performance - not guaranteed values

Winding: 34WG0116-R001			Type: 3416M		Enclosure: TENV	
Nameplate Data			460 V, 60 Hz: High Voltage Connection			
Rated Output (HP)		.33	Full Load Torque		1 LB-FT	
Volts		208-230/460	Start Configuration		direct on line	
Full Load Amps		1.5-1.4/.7	Breakdown Torque		4.9 LB-FT	
R.P.M.		1725	Pull-up Torque		3.35 LB-FT	
Hz	60 Phase	3	Locked-rotor Torque		3.75 LB-FT	
NEMA Design Code		B KVA Code	Starting Current		4.3 A	
Service Factor (S.F.)		1	No-load Current		0.54 A	
NEMA Nom. Eff.		70 Power Factor	Line-line Res. @ 25°C		39.4 Ω	
Rating - Duty		40C AMB-CONT	Temp. Rise @ Rated Load		60°C	

Load Characteristics 460 V, 60 Hz, 0.33 HP

% of Rated Load	25	50	75	100	125	150
Power Factor	28	41	52	61	68	73
Efficiency	50	65	72	75.5	77	77
Speed	1784	1771	1758	1744	1729	1713
Line amperes	0.55	0.58	0.62	0.67	0.73	0.81

Performance Graph at 460V, 60Hz, 0.33HP Typical performance - Not guaranteed values





