

BALDOR® • RELIANCE

Product Information Packet

UCM575

5-7 1/2HP, 3450RPM, 3PH, 60HZ, 184TZ, 3628M, O

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Part Detail									
Revision:	T	Status:	PRD/A	Change #:		Proprietary:	No		
Type:	AC	Prod. Type:	3628M	Elec. Spec:	36WG2512	CD Diagram:			
Enclosure:	OPAO	Mfg Plant:		Mech. Spec:	36F551	Layout:			
Frame:	184TZ	Mounting:	F1	Poles:	02	Created Date:			
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	09-20-2012		
Leads:	9#16 30" G	Literature:	Y	Elec. Diagram:		Replaced By:			
Nameplate NP1279L									
CAT.NO.	UCM575								
SPEC.	36F551-2512G1								
HP	5-7.5 AIR OVER								
VOLTS	230/460								
AMP	19/9.5								
RPM	3450								
FRAME	184TZ	HZ			60	PH	3		
SER.F.	1.00	CODE			F	DES	-	CL	F
NEMA-NOM-EFF	84	PF			87				
RATING	40C AMB-CONT								
CC		USABLE AT 208V			20.4				
DE	6206	ODE			6205				
ENCL	OPAO	SN							

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Parts List		
Part Number	Description	Quantity
SA035085	SA 36F551-2512G1	1.000 EA
RA031112	RA 36F551-2512G1	1.000 EA
HA6011A01	ADAPTOR, MACH	1.000 EA
51XF2520A08	SCREW, HEX SER SLT HD, ZN 1/4-20 X .50 L	2.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
HW3001B01	003SS CUP WASHER, FOR #8 SCREW	1.000 EA
36EP3200A06	FR ENDPLATE, MACH	1.000 EA
HW4500A19	1/4-28X1/4 SLOTTED PLUG F/S	2.000 EA
HA1103A08	RODENT SCREEN, 36 FRAME, OPEN, FRONT END	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	4.000 EA
HW1000A10	#10 FLAT WASHER (SAE)	4.000 EA
HW5100A05	WVY WSHR F/205 & 304 BRGS	1.000 EA
36EP3201A03	FR/PU ENDPLATE, MACH	1.000 EA
HW4500A19	1/4-28X1/4 SLOTTED PLUG F/S	2.000 EA
HA1103A10	RODENT SCREEN, 36 FRAME, OPEN, PULLEY EN	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	4.000 EA
HW1000A10	#10 FLAT WASHER (SAE)	4.000 EA
10XN2520A20	1/4-20X 1 1/4 HEX HD X	2.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	2.000 EA
XY2520A12	1/4-20 HEX NUT, DIRECTIONAL SERRATIONS	4.000 EA
HW2501E18	KEY, 1/4 SQ X 2.000	1.000 EA
HA7000A02	KEY RETAINER RING, 1 1/8 DIA, 1 3/8 DIA	1.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB

Parts List (continued)		
Part Number	Description	Quantity
MG1025C02	PAINT, 787.105 LITE TAN EPOXY (USE W/MG1	0.022 GA
LB1001	LABEL, GREASE-EXXON POLYREX EM	1.000 EA
LD5000A22	LEAD ASSY, ML1400DF14 W/#10 RING TERM	1.000 EA
MG1025Z20	ACTIVATOR WILKOFAS 060.32	0.010 GA
HA3101A25	THRUBOLT 1/4-20 X 11.000 OHIO ROD	4.000 EA
LB1119	WARNING LABEL	1.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
LC0145B01	CONNECTION LABEL	1.000 EA
NP1279L	ALUM FARM DUTY UL CSA CC	1.000 EA
NP1263L	AUX, GP, ALUM, CC, LASER ETCHED	1.000 EA
36PA1000	PACK GROUP W/LB5001	1.000 EA

Accessories		
Part Number	Description	Multiplier
36-3403	C FACE KIT	A8
36EP1405A09SP	D-FLANGE KIT	A8

Performance Data at 460V, 60Hz, 7.5HP (Typical performance - Not guaranteed values)

General Characteristics							
Full Load Torque:		11.4 LB-FT		Start Configuration:		DOL	
No-Load Current:		4.0 Amps		Break-Down Torque:		40.0 LB-FT	
Line-line Res. @ 25°C.:		2.17 Ohms A Ph / 0.0 Ohms B Ph		Pull-Up Torque:		36.1 LB-FT	
Temp. Rise @ Rated Load:				Locked-Rotor Torque:		37.0 LB-FT	
Temp. Rise @ S.F. Load:				Starting Current:		51.4 Amps	
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	54.0	74.0	83.0	87.0	88.0	89.0	0.0
Efficiency:	70.7	80.5	83.4	84.0	83.9	82.2	0.0
Speed:	3558.0	3526.0	3488.0	3450.0	3406.0	3361.0	0.0
Line Amperes:	4.68	6.02	7.68	9.55	11.8	14.0	0.0

Performance Graph at 460V, 60Hz, 7.5HP Typical performance - Not guaranteed values





