

DREISILKER

ELECTRIC MOTORS, INC.

Heating, Ventilating, Air Conditioning

Aeration Fan, Single phase

Totally Enclosed, Air Over, Rigid Base

Applications: Direct drive vane axial fans. These totally enclosed/air oven motors must be mounted within the airstream for proper cooling.



Features:

- Capacitor start design for high starting torque
- Double sealed ball bearing
- Heavy gauge steel frame and base
- 56Z & 143-5TZ have keyway and 1.4" X 20" UNC tapped hole
- 18" leads for ease of connection
- Automatic reset thermal protector
- 1.15 Service factor
- UL Recognized and CSA Certified

HP	RPM	VOLTS	FRAME	OVER LOAD	CAT. NO.	MODEL NO.	LIST PRICE (\$)	MULTI SYMB.	F.L. AMPS	WGHT. LBS	"C" DIM.	FOOT NOTES
3/4	3600	115/230	56	AUTO	F106	56C34T2002	\$176.00	F1	10.4/5.2	25	10.94	
	3600	115/230	56	AUTO	F120*	56C34T160	\$183.00	F1	9.6/4.8	23	10.47	17, 62
1	3600	115/230	56	AUTO	F121	56C34T159	\$209.00	F1	12.4/6.2	20	11.47	17,62
	3600	115/230	56Z	AUTO	F107*	56C34T5302	\$203.00	F1	12.0/6.0	29	10.94	
1 1/2	3600	115/230	143TZ	AUTO	F108	143TCTR5301	\$409.00	S1	16.8/8.4	35	11.49	5
2	3600	115/230	143TZ	AUTO	F109	143TCTR5302	\$501.00	S1	21.2/10.6	38	11.99	5
3	3600	230	143TZ	AUTO	F110*	145TBTR5301	\$683.00	S1	11.4	52	13.94	1,5

* Stock Model

Attic Fan, Single Phase

Dripproof, Air Over, Resilient Base

Applications: Belted and direct drive attic fans where the motor is placed within the airstream and low to moderate torque is required. Indented for use in relative clean and dry environments.



Features:

- Variable torque on two speed motors
- Economical split phase design
- Quiet, all angle sleeve bearings
- Heavy gauge steel frame and resilient, "cradle" style base
- Wiring entrance at shaft end
- 56YZ frame with 3" shaft height, 1.2" diameter shaft, and 5/8" adapter with keyway included
- 1.0 Service factor
- UL Recognized and CSA Certified

HP	RPM	VOLTS	FRAME	OVER LOAD	CAT. NO.	MODEL NO.	LIST PRICE (\$)	MULTI SYMB.	F.L. AMPS	WGHT. LBS	"C" DIM.	FOOT NOTES
1/3	1800/1200	115	48	AUTO	B402*	48S17D7209	\$147.00	F1	53/2.9	21	10.31	
	1800	115	48	AUTO	B400*	48S17D997	\$97.00	F1	6.6	14	9.34	
1/2	1800	115	56YZ	AUTO	B401*	56S17D2062	\$121.00	F1	7.8	18	10.47	53

* Stock Model

DREISILKER

ELECTRIC MOTORS, INC.

JM PUMP MOTORS

SINGLE & THREE PHASE

SINGLE PHASE - DRIP PROOF - RIGID BASE

General Specifications:

Designed for continuous duty service on close-coupled pumps using NEMA LM provisions. All motors have a rigid mounting base and NEMA JM pump shaft.

Mechanical Features:

Open drip-proof construction with cooling air exhausts at the shaft and for maximum cooling. Oversized locked bearing on shaft end limits axial shaft movement. A drip cover is supplied with 143-5T and 213T steel frame motors, for use when mounting the motor vertically with rigid base. Drip covers for 182-4T frame motors have enclosed end shields as standard with vents meeting 12" drip-proof requirements.

Electric Features:

High efficiency copper windings with NEMA 1.15 service factors. UL and CSA recognized designs



HP	RPM 60 HZ	NEMA FRAME	CAT. NO.	LIST PRICE (\$)	MULTI SYMB.	WGHT. LBS	VOLTAGE	OVER LOAD PVOT.	F.L. AMPS 230V	"C" DIM. (INCHES)
1	1740	143JM	120996	\$392.00	B	42	115/206-230	NONE	6.4	14.41
1 1/2	1740	145JM	120994	\$425.00	B	42	115/206-230	NONE	8.6	15.41
2	3450	145JM	121190	\$391.00	B	47	115/206-230	NONE	10.5	16.41
	1740	145JM	120995	\$436.00	B	45	115/206-230	NONE	10.5	15.41
3	3500	182JM	131640	\$522.00	B	72	115/206-230	NONE	16.0	16.32
	1760	182JM	131604	\$599.00	B	77	230	NONE	16.8	15.82
5	3500	182JM	131641	\$78.00	B	82	230	NONE	21.0	17.82
	1760	184JM	131605	\$852.00	B	82	230	NONE	21.0	16.32

THREE PHASE - DRIP PROOF - RIGID BASE

HP	RPM 60 HZ	NEMA FRAME	CAT. NO.	LIST PRICE (\$)	MULTI SYMB.	WGHT. LBS	VOLTAGE	F.L. AMPS 230V	% F.L. EA	"C" DIM. (INCHES)
1	1740	143JM	120509	\$264.00	B	40	208-230/460	3.4	78.0	13.91
1 1/2	1740	145JM	120510	\$292.00	B	43	208-230/460	5.6	78.5	14.41
2	3450	145JM	120591	\$341.00	B	41	208-230/460	5.6	82.9	14.41
	1740	145JM	120511	\$300.00	B	42	208-230/460	6.2	78.5	14.41
3	3450	145JM	120592	\$363.00	B	44	208-230/460	8.0	80.0	14.91
	1760	182JM	131562	\$359.00	B	66	208-230/460	8.8	84.0	13.82
5	3500	182JM	131574	\$409.00	B	82	208-230/460	14.0	78.0	15.32
	1760	184JM	131563	\$383.00	B	88	208-230/460	13.4	86.0	14.82
7 1/2	3500	184JM	131576	\$499.00	B	90	208-230/460	21.0	82.0	15.82
	1740	213JM	151359	\$565.00	C	154	208-230/460	19.0	87.0	18.35
10	3500	S213JM	131577	\$641.00	B	94	208-230/460	25.0	82.0	17.32
	1740	215JM	151360	\$647.00	C	174	208-230/460	25.0	87.1	19.84
15	3450	215JM	151380	\$796.00	C	178	208-230/460	36.0	86.8	19.84
	1750	254JM	151351	\$955.00	C	254	208-230/460	39.0	90.0	22.87
20	3450	254JM	151381	\$1,002.00	C	276	208-230/460	48.0	90.0	22.87
	1740	256JM	151352	\$1,222.00	C	312	208-230/460	50.0	91.0	24.53
25	3450	256JM	151382	\$1,275.00	C	318	208-230/460	62.0	89.3	24.53

THREE PHASE - TEFC - RIGID BASE

HP	RPM 60 HZ	NEMA FRAME	CAT. NO.	LIST PRICE (\$)	MULTI SYMB.	WGHT. LBS	VOLTAGE	F.L. AMPS 230V	% F.L. EA	"C" DIM. (INCHES)
1	1740	143JM	120927	\$320.00	B	37	208-230/460	3.8	77.0	14.75
1 1/2	3450	145JM	120928	\$337.00	B	39	208-230/460	4.2	80.3	14.75
	1740	145JM	120929	\$337.00	B	41	208-230/460	5.0	78.5	15.25
2	3450	145JM	120930	\$384.00	B	42	208-230/460	5.6	78.5	15.25
	1740	145JM	120931	\$352.00	B	43	208-230/460	6.2	81.5	15.25
3	3450	145JM	120932*	\$422.00	B	45	208-230/460	8.0	80.0	15.75
	1760	182JM	131579	\$422.00	B	67	230/460	8.8	84.0	15.59
5	3500	182JM	131580	\$541.00	B	83	208-230/460	14.0	78.0	15.59
	1760	184JM	131581	\$471.00	B	89	230/460	13.4	86.0	15.59
7 1/2	3500	184JM	131582	\$612.00	B	101	208-230/460	19.0	79.0	17.09
10	3500	S213JM	131583	\$825.00	B	110	208-230/460	26.2	82.0	20.03



Table of Contents

Categorized listing

HVAC	1
Heating, Ventilating, Air Conditioning	1
AerationFan, Single phase	1
Totally Enclosed, Air Over, Rigid Base	1
Attic Fan, Single Phase	1
Dripproof, Air Over, Resilient Base	1
PUMP MOTORS	2
JM PUMP MOTORS	2
SINGLE & THREE PHASE	2
SINGLE PHASE - DRIP PROOF - RIGID BASE	2
THREE PHASE - DRIP PROOF - RIGID BASE	2
THREE PHASE - TEFC - RIGID BASE	2

Sample

Table of Contents

Alphabetized listing

H		
HVAC		1
J		
JM PUMP MOTORS		2
P		
PUMP MOTORS		2
S		
SINGLE & THREE PHASE		2
SINGLE PHASE - DRIP PROOF - RIGID BASE		2
T		
THREE PHASE - DRIP PROOF - RIGID BASE		2
THREE PHASE - TEFC - RIGID BASE		2

Sample