

MARS Commercial Motors



Commercial Condenser Fan Motors, Rigid Base, 3 Phase



MARS NO.	HP	VOLTS	AMPS	ENCL.	BRG.	NEMA FRAME
1140 RPM - Reversible - Three Phase						
10533*	1/2	208-230/460	2.1-2.0/1.0	OPAO	Ball	56Z
10513	1	208-230/460	4.1-4.5/2.3	OPAO	Ball	56HZ
10523	1-1/2	208-230/460	5.7-5.8/2.9	OPAO	Ball	56HZ
850 RPM - Reversible - Three Phase						
10529	1/2	208-230/460	3.3-1.0/1.55	OPAO	Ball	56Y
10528	1	208-230/460	5.1-5.3/2.66	OPAO	Ball	56HZ
10531	1-1/2	208-230/460	6.5-6.7/3.4	OPAO	Ball	56HZ

* 60 Deg C

Commercial Condenser Fan Motors, Belly Band, 3 Phase



MARS NO.	HP	VOLTS	AMPS	ENCL.	BRG.	NEMA FRAME
1140 RPM - Reversible - Three Phase						
10500	1/2	208-230/460	2.45-2.75/1.35	OPAO	Ball	56Y
10501	3/4	208-230/460	3.3-3.0/1.64	OPAO	Ball	56Y
10502	1	208-230/460	4.18-4.38/2.19	OPAO	Ball	56Y
10503	1-1/2	208-230/460	5.3-5.09/2.55	OPAO	Ball	56Y
10509	2	208-230/460	7.3-7.0/3.7	OPAO	Ball	56Y
850 RPM - Reversible - Three Phase						
10507	1	208-230/460	5.1-5.1/2.53	OPAO	Ball	56Y
10530	1-1/2	208-230/460	7.05-6.7/3.57	OPAO	Ball	56Y
1140 RPM - Reversible - Three Phase						
10522	1	575	1.78	OPAO	Ball	56Y
10524	1-1/2	575	3.4	OPAO	Ball	56Y
10526	2	575	3.1	OPAO	Ball	56Y
850 RPM - Reversible - Three Phase						
10527	1	575	2.0	OPAO	Ball	56Y

Commercial Fan & Blower Motors, 3 Phase

1725 RPM - Reversible - Dripproof

MARS NO.	HP	VOLTS	AMPS	ENCL.	BRG.	NEMA FRAME
30317	1/2	208-230/460	2.1-2.0/1.0	DP	Ball	56
30319	3/4	208-230/460	3.0-2.8/1.4	DP	Ball	56
30321	1	208-230/460	3.3-3.4/1.7	DP	Ball	56
30323	1-1/2	208-230/460	5.3-5.4/2.7	DP	Ball	56H
30325	2	208-230/460	6.2-6.0/3.0	DP	Ball	56H

Unit Heater Motors, PSC

1075 RPM - Reversible - Dripproof

MARS NO.	HP	VOLTS	AMPS	CAPACITOR INCLUDED	ENCL.	BRG.	NEMA FRAME
30301	1/6	115	3.0	5/370	TEAO	Ball	48Y
30303	1/4	115	4.1	7.5/370	TEAO	Ball	48Y
30305	1/3	115	6.5	7.5/370	TEAO	Ball	48Y

Direct Drive Fan & Blower Motors

1625 RPM - Three Speed - Reversible

MARS NO.	HP	VOLTS	AMPS	CAP REQ.	ENCL.	BRG.
30013	1/4	115	2.65	7.5/370	OPAO	Ball
30014	1/4	208-230	1.3-1.2	5/370	OPAO	Ball
30015	1/3	115	3.55	7.5/370	OPAO	Ball
30111 (1)	1/3	208-230	1.9-1.6	5/370	OAO	Ball
30016	1/2	115	4.9	15/370	OPAO	Ball
30017	1/2	208-230	2.95-2.45	5/370	OPAO	Ball
30022 (2)	3/4	230	4.2-3.6	7.5/370	OPAO	Ball
30211	1	208-230	4.8-3.8	10/370	OPAO	Ball

(1) Enclosed shaft end bracket (2) Thru-bolts on shaft end and OSE

Belted Fan & Blower Motors, Split Phase

1725 RPM - Reversible - Dripproof

MARS NO.	HP	VOLTS	AMPS	ENCL.	BRG.	NEMA FRAME
10301*	1/6	115	3.6	DP	Ball	48Y
10303*	1/4	115	4.3	DP	Ball	48Y
10305*	1/3	115	5.8	DP	Ball	48Y
10307*	1/2	115	7.7	DP	Ball	48Y
10309*	3/4	115	11.4	DP	Ball	56
10300	1/6	115	3.6	DP	Ball	48Y
10302	1/4	115	4.3	DP	Ball	48Y
10304	1/3	115	5.8	DP	Ball	48Y
10306	1/2	115	5.8	DP	Ball	48Y

* Automatic Thermal Overload Protection

Fan & Blower Motors, Capacitor Start

1725 RPM - Reversible - Dripproof

MARS NO.	HP	VOLTS	AMPS	ENCL.	BRG.	NEMA FRAME
10313*	1/4	115/208-230	5.0/2.4-2.5	DP	Ball	48YZ
10315*	1/3	115/208-230	5.4/2.6-2.7	DP	Ball	48Z
10317*	1/2	115/208-230	8.0/4.1-4.0	DP	Ball	56
10319*	3/4	115/208-230	10.0/5.2-5.0	DP	Ball	56
10321*	1	115/208-230	14.4/7.2-7.2	DP	Ball	56
10322	1/2	115/208-230	9.2/4.2-4.6	DP	Ball	56
10323	3/4	115/208-230	10.0/6.2-5.8	DP	Ball	56
10324	1	115/208-230	14/6.9-7.0	DP	Ball	56

* Automatic Thermal Overload Protection

MARS Commercial Motors

Cross Reference

MARS NO.	DESCRIPTION	CENTURY / AO SMITH	US MOTORS / NIDEC	MARATHON
10300	1/6HP 1725RPM 115V FAN & BLWR	917L	D16B2N4Z9	B300
10301	1/6HP 1725RPM 115V FAN & BLWR	RB2014	D16BA2N4Z9	B322
10302	1/4HP 1725RPM 115V FAN & BLWR	919L	DB14B2N49	B302
10303	1/4HP 1725RPM 115V FAN & BLWR	920L, GF2024	8000, 3618	B303, B206
10304	1/3HP 1725RPM 115V FAN & BLWR	921L, RB2034L	D13B2N4Z9	B304
10305	1/3HP 1725RPM 115V FAN & BLWR	922L, RB2034	8100	B305, B207
10306	1/2HP 1725RPM 115V FAN & BLWR	-	D12C2J49	B306
10307	1/2HP 1725RPM 115V FAN & BLWR	GF2054	8200, PD6006	B307
10309	3/4HP 1725RPM 115V FAN & BLWR	F680, F681	4115	4338
10313	1/4HP 1725RPM 115/208-230V	C196L	D12CPA2P49	B313
10315	1/3HP 1725RPM 115/208-230V	RBF1034A	180	B315
10317	1/2HP 1725RPM 115/208-230V	BK1054, C412V1	D12CPA2PH9	B317
10319	3/4HP 1725RPM 115/208-230V	C426V1, RB1074A	1893	B319
10321	1HP 1725RPM 115/208-230V	C523V1	D1CPA2PH9	4688
10322	1/2HP 1725RPM 115/208-230V	-	D12CP2PH9	B1316
10323	3/4HP 1725RPM 115/208-230V	C666	D34CP2PH9	B318
10324	1HP 1725RPM 115/208-230V	C524	D1CP2PH9	C235
10401	1/4HP, Belted Fan & Blower, 115V, 1725 RPM	GF2024, RB2024	2889, 8000	B303, B206
10406	1/3HP, Belted Fan & Blower, 115V, 1725 RPM	GF2034, RB2034	2888, 8100	B305, B207
10408	1/2HP, Belted Fan & Blower, 115V, 1725 RPM	GF2054, BF2054	2887, 8200	B208
10500	1/2HP 1140RPM 208-230/460 CF	FC3056F	1828H	X500
10501	3/4HP 1140RPM 208-230/460 CF	FC3076F	1817H	X501
10502	1HP 1140RPM 208-230/460 CF	FC3106F	1818H	X502
10503	1-1/2HP 1140RPM 208-230/460	H1051A	1819H	X503
10507	1HP 850RPM 208-230/460 CF	H1053A	1828H	X507
10509	2HP 1140RPM 208-230/460 CF	H698	-	X509
10513	1HP 1140RPM 208-230/460 CF	H1050A	1820H	X513
10522	1HP 1140RPM 575/3/60 CF	-	-	X522
10523	1-1/2HP 1140RPM 208-230/460V	H1051A	1821H	X523
10524	1-1/2HP 1140RPM 575/3/60 CF	-	-	X524
10526	2HP 1140RPM 575/3/60 CF	-	-	X526
10527	1HP 850RPM 575/3/60 CF	-	-	X527
10528	1HP 850RPM 208-230/460 CF	-	-	X528
10529	1/2HP 850RPM 208-230/460 CF	-	-	X529
10530	1-1/2HP 850RPM 208-230/460 CF	H1054A	1832H	X530
10531	1-1/2HP 850RPM 208-230/460 CF	H1054A	1831H	X531
10533	1/2HP 1140RPM 208-230/460 CF	-	-	X533
30004	1/4HP 115V 3450 RPM	EL2022	2302	O004
30011	1/2HP 115/230 3450 RPM	-	3267	O011
30013	1/4HP 115 1625/3 D/D MTR	FDL1024	1690	X013
30014	1/4HP 208-230 1625/3 D/D MTR	FD1024	1693	X014
30015	1/3HP 115 1625/3 D/D MTR	FDL1034	1692	X015
30016	1/2HP 115 1625/3 D/D MTR	FDL1054	1694	X016
30017	1/2HP 208-230 1625/3 D/D MTR	FD1054	1695	X017
30022	3/4HP 230 1625/3 D/D MTR	FD1074	1697	X022
30100	1/7HP 115V 3450 RPM	EL2002	3083	O100
30111	1/3HP 208-230 1625/3 D/D MTR	FC3056F	1693	X011
30211	3/4HP 230 1625/3 D/D MTR	-	1700	X211
30301	1/6HP 1075RPM 115 UNIT HTR	UH1016, US1016	1386	X302
30303	1/4HP 1075RPM 115 UNIT HTR	566A, UH1026	1384	X303
30305	1/3HP 1075RPM 115 UNIT HTR	UH1036	1388	X304
30317	1/2HP 1725RPM 208-230/460V	H850L	8488	K1408
30319	3/4HP 1725RPM 208-230/460V	H851V2	8489	K1410
30321	1HP 1725RPM 208-230/460V	RB3104A	8498	K1412
30323	1-1/2HP 1725RPM 208-230/460V	H853V2	-	K1415
30325	2HP 1725RPM 208-230/460V	RB3204A	8493P	K1418
30600	1/8HP 115V 1725 RPM	EL2005	3196	O600
30601	1/6HP 115V 1725 RPM	XEL2014	3252	O601
30701	1/7HP 115V 3450 RPM	-	3247	O701