

Replacement Motor

Cross Reference Guide

DRIVES
BRAKE MOTORS
GENERAL PURPOSE SINGLE PHASE
HVAC
WASHDOWN
AGRICULTURE
COMMERCIAL PUMP MOTORS
CLOSE COUPLED PUMP MOTORS
FIRE PUMP MOTORS
POOL & SPA MOTORS
RESIDENTIAL WATER PUMP
ELEVATOR AND GATE & DOOR

Square Flange, Low Service Factor, Up Rated

Emerson 5.5" Dia. Catalog No.	Emerson 56™ Catalog No.	HP	SF	Voltage	A.O. Smith† Catalog No.	A.O. Smith/ Century† Catalog No.	Franklin† Catalog No.	Marathon† Part No.
EUSQ1052		1/2	1.30	230/115	USQ1052	B856		C1243
EUSQ1072	EB852	3/4	1.25	230/115	USQ1072	B852	54002	C1244
EUSQ1102	EB853	1	1.25	230/115	USQ1102	B853	54003	C1245
EUSQ1152	EB854	1.5	1.10	230/115	USQ1152	B854	54004	C1246
EUSQ1202	EB859	2	1.10	230/115	USQ1202	B859	18254	C1247
EUSQ1252	EB840	2.5	1.04	230	USQ1252	B840	13280	C1335

Square Flange, Full Rated Service Factor

Emerson 5.5" Dia. Catalog No.	Emerson 56™ Catalog No.	HP	SF	Voltage	A.O. Smith† Catalog No.	A.O. Smith/ Century† Catalog No.	Franklin† Catalog No.	Marathon† Part No.
ESQ1052	EB846	1/2	1.95	230/115	SQ1052	B846	14796	C1304
ESQ1072	EB847	3/4	1.65	230/115	SQ1072	B847	15815	C1305
ESQ1102	EB848	1	1.65	230/115	SQ1102	B848	12504	C1306
ESQ1152	EB858	1.5	1.50	230/115	SQ1152	B858	14728	C1307
ESQ1202	EB748	2	1.30	230	SQ1202	B748	10855	C1308
	EB844	3	1.15	208-230	SQ1302	B844	16362	C1449
	EB850	5	1.00	208-230		B1000		

Square Flange, High Efficiency Design, Full Service Factor, Full Rated

Emerson 5.5" Dia. Catalog No.	Emerson 56™ Catalog No.	HP	SF	Voltage	A.O. Smith† Catalog No.	A.O. Smith/ Century† Catalog No.	Franklin† Catalog No.	Marathon† Part No.
EQC1052	EB845	1/2	1.90	230/115	QC1052		11357	C1446
EQC1072	EB661	3/4	1.65	230/115	QC1072		16358	C1499
EQC1102	EB841	1	1.65	230/115	QC1102		16359	C1500

Square Flange, High Efficiency Design, Low Service Factor, Up Rated

Emerson 5.5" Dia. Catalog No.	Emerson 56™ Catalog No.	HP	SF	Voltage	A.O. Smith† Catalog No.	A.O. Smith/ Century† Catalog No.	Franklin† Catalog No.	Marathon† Part No.
EUQC1072		3/4	1.27	230/115	UQC1072			
EUQC1102		1	1.25	230/115	UQC1102			
EUQC1152		1.5	1.10	230/115	UQC1152			



Square Flange, Premium Energy Efficient, Full Rated Service Factor

Emerson 5.5" Dia. Catalog No.	Emerson 56™ Catalog No.	HP	SF	Voltage	A.O. Smith† Catalog No.	A.O. Smith/ Century† Catalog No.	Franklin† Catalog No.	Marathon† Part No.
	EB845	1/2	1.90	208-230/115	QC1052	B845	11357	C1446
	EB661	3/4	1.65	208-230/115	QC1072	B661	16358	C1447
	EB841	1	1.67	208-230/115	QC1102	B841	16359	C1448
	EB842	1.5	1.47	208-230/115	SQ1152	B842	16360	C1307
	EB843	2	1.30	208-230	SQ1202	B843	16361	C1308
	EB844	3	1.15	208-230	SQ1302	B844	16362	C1449
	EB850	5	1.00	208-230		B1000		

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extreme-E Square Flange, Full Rated Service Factor, Two Speed

Emerson 5.5" Dia. Catalog No.	Emerson 56™ Catalog No.	HP	SF	Voltage	A.O. Smith† Catalog No.	A.O. Smith/ Century† Catalog No.	Franklin† Catalog No.	Marathon† Part No.
	EB980	3/4/1.12	1.67	230	SQS1072R	B980	12071	C1310
	EB981	3/4/1.12	1.67	115	SQL1072R	B981		C1450
	EB982	1/1.16	1.65	230	SQS1102R	B982	12072	C1311
	EB983	1.5/2.25	1.47	230	SQS1152R	B983	12073	C1312
	EB984	2/3.3	1.30	230	SQS1202R	B984		C1313

extreme-E Square Flange, Tristar Replacement, Full Rated

Emerson 5.5" Dia. Catalog No.	Emerson 56™ Catalog No.	HP	SF	Voltage	A.O. Smith† Catalog No.	A.O. Smith/ Century† Catalog No.	Franklin† Catalog No.	Marathon† Part No.
	ET3205	1/2	1.98	208-230/115				
	ET3207	3/4	1.85	208-230/115				
	ET3210	1	1.85	208-230/115				
	ET3215	1.5	1.60	208-230/115				
	ET3220	2	1.35	208-230				
	ET3230	3	1.20	208-230				

Square Flange, Tristar Replacement, Up Rated

Emerson 5.5" Dia. Catalog No.	Emerson 56™ Catalog No.	HP	SF	Voltage	A.O. Smith† Catalog No.	A.O. Smith/ Century† Catalog No.	Franklin† Catalog No.	Marathon† Part No.
	EB852	3/4	1.25	230/115		B852		RB112
	EB853	1	1.25	230/115		B853		RB113
	EB854	1.5	1.10	230/115		B859		RB114
	EB859	2	1.10	230/115		B859		RB115
	EB840	2.5	1.04	230		B840		RB116
	EB844	3	1.15	208-230				

Square Flange, Full Service Factor, Full Rated, Three Phase

Emerson 5.5" Dia. Catalog No.	Emerson 56™ Catalog No.	HP	SF	Voltage	A.O. Smith† Catalog No.	A.O. Smith/ Century† Catalog No.	Franklin† Catalog No.	Marathon† Part No.
	EH491	1/2	1.90	208-230/460	Q3052	H491		K8012
	EH492	3/4	1.65	208-230/460	Q3072	H492		K8013
	EH635	1	1.65	208-230/460	Q3102	H635		K8014
	EH636	1.5	1.47	208-230/460	Q3152	H636		K8015
	EH637	2	1.30	208-230/460	Q3202	H637		K8016
	EH755	3	1.15	208-230/460	Q3302	H755		K8017

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MOTORSRESIDENTIAL
WATER PUMPELEVATOR AND
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C-Flange, Threaded Shaft, Low Service Factor, Up Rated

Emerson 5.5" Dia. Catalog No.	Emerson 56™ Catalog No.	HP	SF	Voltage	A.O. Smith† Catalog No.	A.O. Smith/ Century† Catalog No.	Franklin† Catalog No.	Marathon† Part No.
EUST1072	EB227	3/4	1.00	230/115	UST1072	B227SE	54022	C1321
EUST1102	EB228	1	1.00	230/115	UST1102	B228SE	54023	C1318
EUST1152	EB229	1.5	1.00	230/115	UST1152	B229SE	54024	C1319
EUST1202	EB230	2	1.00	230/115	UST1202	B230SE	12018	C1320
EUST1252	EB231	2.5	1.00	230	UST1252	B231SE		C1149

C-Flange, Keyed and Threaded, High Service Factor, Full Rated

Emerson 5.5" Dia. Catalog No.	Emerson 56™ Catalog No.	HP	SF	Voltage	A.O. Smith† Catalog No.	A.O. Smith/ Century† Catalog No.	Franklin† Catalog No.	Marathon† Part No.
	EB120	1/2	1.60	230/115	SK1052	B120	13883	C1093
EST1052	EB126	1/2	1.60	230/115	ST1052	B126	18330	C1098
	EB121	3/4	1.50	230/115	SK1072	B121	14663	C1094
EST1072	EB127	3/4	1.50	230/115	ST1072	B127	15443	C1099
	EB122	1	1.40	230/115	SK1102	B122	12718	C1095
EST1102	EB128	1	1.40	230/115	ST1102	B128	14542	C1100
	EB123	1.5	1.30	230/115	SK1152	B123	13592	C1096
EST1152	EB129	1.5	1.30	230/115	ST1152	B129	16055	C1101
	EB124	2	1.20	230	SK1202	B124	14317	C1097
EST1202	EB130	2	1.20	230	ST1202	B130	13300	C1102
	EB817	3	1.15	208-230	SK1302	B817		C1439
	EB818	3	1.00	208-230	ST1302	B818		C1440
	EB819	5	1.00	208-230				

C-Flange, High Efficiency Design, Full Service Factor, Full Rated

Emerson 5.5" Dia. Catalog No.	Emerson 56™ Catalog No.	HP	SF	Voltage	A.O. Smith† Catalog No.	A.O. Smith/ Century† Catalog No.	Franklin† Catalog No.	Marathon† Part No.
ECT1052		1/2	1.60	230/115	CT1052		52008	C1486
ECT1072		3/4	1.50	230/115	CT1072		52009	C1437
ECT1102		1	1.40	230/115	CT1102		52010	C1488



C-Flange, Keyed and Threaded Shaft, Premium Energy Efficient, Full Rated Service Factor

Emerson 5.5" Dia. Catalog No.	Emerson 56™ Catalog No.	HP	SF	Voltage	A.O. Smith† Catalog No.	A.O. Smith/ Century† Catalog No.	Franklin† Catalog No.	Marathon† Part No.
	EB656	1/2	1.60	208-230/115	CK1052	B656	52003	C1485
	EB657	1/2	1.60	208-230/115	CT1052	B657	52008	C1486
	EB634	3/4	1.50	208-230/115	CK1072	B634	52004	C1436
	EB638	3/4	1.50	208-230/115	CT1072	B638	52009	C1437
	EB653	1	1.40	208-230/115	CK1102	B653	52005	C1487
	EB654	1	1.40	208-230/115	CT1102	B654	52010	C1488
	EB795	1.5	1.30	208-230/115	SK1152	B795	52006	C1096
	EB796	1.5	1.30	208-230/115	ST1152	B796	52011	C1101
	EB808	2	1.20	208-230	SK1202	B808	52007	C1097
	EB809	2	1.20	208-230	ST1202	B809	52012	C1102
	EB817	3	1.15	208-230	SK1302	B817	12109	C1439
	EB818	3	1.15	208-230	ST1302	B818	17458	C1440
	EB819	5	1.15	208-230				

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extreme-E C-Flange, Keyed and Threaded Shaft, Full Rated Service Factor, Two Speed

Emerson 5.5" Dia. Catalog No.	Emerson 56™ Catalog No.	HP	SF	Voltage	A.O. Smith† Catalog No.	A.O. Smith/ Century† Catalog No.	Franklin† Catalog No.	Marathon† Part No.
	EB972	3/4/.10	1.50	115		B972		
	EB972H	3/4/.10	1.50	230	SKS1072			C1105
	EB973	3/4/.10	1.50	115	STL1072R	B973		
	EB973H	3/4/.10	1.50	230	STS1072R			C1110
	EB974	1/.12	1.40	230	SKS1102	B974	16053	C1106
	EB975	1/.12	1.40	230	STS1102R	B975	14962	C1111
	EB976	1.5/.18	1.30	230	SKS1152	B976	19078	C1107
	EB977	1.5/.18	1.30	230	STS1152R	B977	15940	C1112
	EB978	2/.25	1.30	230	SKS1202	B978	12712	C1442
	EB979	2/.25	1.30	230	STS1202R	B979	19315	C1443

extreme-E C-Flange, Hayward Northstar Replacement, Threaded Shaft, Full and Up/Max Rated

Emerson 5.5" Dia. Catalog No.	Emerson 56™ Catalog No.	HP	SF	Voltage	A.O. Smith† Catalog No.	A.O. Smith/ Century† Catalog No.	Franklin† Catalog No.	Marathon† Part No.
	ESN1072	3/4	1.85	208-230/115		SN1072		
	EUSN1102	1	1.40	208-230/115		USN1102		
	ESN1102	1	1.85	208-230/115		SN1102		
	EUSN1152	1.5	1.25	208-230/115		USN1152		
	ESN1152	1.5	1.60	208-230/115		SN1152		
	EUSN1202	2	1.20	208-230/115		USN1202		
	ESN1202	2	1.35	208-230		SN1202		
	EUSN1302	3	1.20	208-230		USN1302		
	ESN1302	3	1.60	208-230		SN1302		

C-Flange, Keyed Shaft, Full Service Factor, Full Rated, Three Phase

Emerson 5.5" Dia. Catalog No.	Emerson 56™ Catalog No.	HP	SF	Voltage	A.O. Smith† Catalog No.	A.O. Smith/ Century† Catalog No.	Franklin† Catalog No.	Marathon† Part No.
	EH281	1/2	1.60	208-230/460		H281		K8000
	EH450	3/4	1.50	208-230/460		H450		K8002
	EH616	1.5	1.30	208-230/460		H616		K8006
	EH704	2	1.20	208-230/460		H704		K8008
	EH740	3	1.15	208-230/460		H740		K8010

C-Flange, Threaded Shaft, Full Service Factor, Full Rated, Three Phase

Emerson 5.5" Dia. Catalog No.	Emerson 56™ Catalog No.	HP	SF	Voltage	A.O. Smith† Catalog No.	A.O. Smith/ Century† Catalog No.	Franklin† Catalog No.	Marathon† Part No.
	EH282	1/2	1.60	208-230/460		H282		K8001
	EH451	3/4	1.50	208-230/460		H451		K8003
	EH514	1	1.40	208-230/460		H514		K8005
	EH617	1.5	1.30	208-230/460		H617		K8007
	EH705	2	1.20	208-230/460		H705		K8009
	EH741	3	1.15	208-230/460		H741		K8011

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Pool Cleaner, C-Face, Full Rated Service Factor

Emerson 5.5" Dia. Catalog No.	Emerson 56™ Catalog No.	HP	SF	Voltage	A.O. Smith† Catalog No.	A.O. Smith/ Century† Catalog No.	Franklin† Catalog No.	Marathon† Part No.
	EB625	3/4	1.50	230/115	PL1072	B625		
	EB668	3/4	1.50	230/115		B668		

Thru Bolt, 56 Frame, Single Speed

Emerson 5.5" Dia. Catalog No.	Emerson 56™ Catalog No.	HP	SF	Voltage	A.O. Smith† Catalog No.	A.O. Smith/ Century† Catalog No.	Franklin† Catalog No.	Marathon† Part No.
	TS605	3	1.00	230		B237		
	TS606	4	1.00	230		B238		

Thru Bolt, 56 Frame, Two Speed, Soft Start

Emerson 5.5" Dia. Catalog No.	Emerson 56™ Catalog No.	HP	SF	Voltage	A.O. Smith† Catalog No.	A.O. Smith/ Century† Catalog No.	Franklin† Catalog No.	Marathon† Part No.
	TT502	1.5/.18	1.00	230		B233		
	TT503	2.0/.25	1.00	230		B234		
	TT505	3.0/.38	1.00	230		B235		
	TT506	4.0/.50	1.00	230		B236		

Thru Bolt, 48 Frame, Single Speed

Emerson 56™ Switchless Catalog No.	HP	SF	Voltage	A.O. Smith®† Part No.	A.O. Smith/ Century®† Part No.	Franklin®† Part No.	GE®† Part No.
AGL50FL1	1/2	1.00	115	CBT2052	BN23	13719	
AGL75FL1	3/4	1.00	115	CBT2072	BN24	18889	H909
AGH75FL1	3/4	1.00	230				
AGL10FL1	1	1.00	115	CBT2102	BN25	16436	H910
AGH10FL1	1	1.00	230				
AGD15FL1	1.5	1.00	230/115	TBT1152D	BN25		C1901
SPH20FLC1	2	1.00	230		BN40		
SPH20FL1	2	1.00	230		186097	17257	C1456
SPH25FL1	2.5	1.00	230				
SPH30FL1	3	1.00	230		BN41		

Thru Bolt, 48 Frame, Two Speed, Soft Start

Emerson 56™ Switchless Catalog No.	HP	SF	Voltage	A.O. Smith®† Part No.	A.O. Smith/ Century®† Part No.	Franklin®† Part No.	GE®† Part No.
AGL50FL2	1/2/.06	1.00	115			18264	
AGL75FL2	3/4/.10	1.00	115	CBS2072	BN36	12562	C1902
AGL10FL2S	1.0/.12	1.00	115	CBS2102	BN37/BN38	15698/15700	C1903
AGL15FL2CS	1.5/.18	1.00	115		BN50		
SPL15FL2S	1.5/.18	1.00	115		BN60	41000	
AGH15FL2CS	1.5/.18	1.00	230		BN34	41001	C1326
SPH20FL2CS	2.0/.25	1.00	230		BN51		
SPH20FL2S	2.0/.25	1.00	230		BN61	17525	C1327
SPH25FL2S	2.5/.33	1.00	230				
SPH30FL2S	3.0/.38	1.00	230		BN62	42005	

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Above Ground Pool, 48 Frame, Single Speed (Thru bolt less base)

Emerson 5.5" Dia. Catalog No.	HP	SF	Voltage	A.O. Smith [†] Part No.	A.O. Smith/ Century [†] Part No.	Franklin [†] Part No.	GE [†] Part No.
AGL10FL1NB	1.0	1.00	115				

Above Ground Pool, 48 Frame, Single Speed, 50 Hz, CE Certified

Emerson 5.5" Dia. Catalog No.	HP	SF	Voltage	A.O. Smith [†] Part No.	A.O. Smith/ Century [†] Part No.	Franklin [†] Part No.	GE [†] Part No.
AGH75FL150	3/4	1.00	220-240		BN32		
AGH10FL150	1.0	1.00	220-240		BN33		

Above Ground Pool, EZ48™ Frame, Single Speed, 60 Hz, 1.5 Compartment

Emerson 5.5" Dia. Catalog No.	HP	SF	Voltage	A.O. Smith [†] Part No.	A.O. Smith/ Century [†] Part No.	Franklin [†] Part No.	GE [†] Part No.
EZBN23	1/2	1.00	115	CBT2052	BN23/BN23SS		
EZBN24	3/4	1.00	115	CBT2072	BN24/BN24SS		
EZBN25	1.0	1.00	115	CBT2102	BN25/BN25SS		
EZBV35	1.5	1.00	115		BV35/BV35SS		
EZBN35	1.5	1.00	230/115	TBT1152D	BN35/BN35SS		

Above Ground Pool, EZ48™ Frame, Two Speed, 60 Hz, 1.5 Compartment

Emerson 5.5" Dia. Catalog No.	HP	SF	Voltage	A.O. Smith [†] Part No.	A.O. Smith/ Century [†] Part No.	Franklin [†] Part No.	GE [†] Part No.
EZBN36	3/4/.10	1.00	115	CBS2072	BN36		
EZBN37	1.0/.12	1.00	115	CBS2102	BN37		
EZBN50	1.5/.18	1.00	115	TBS1152SV1	BN50		

Above Ground Pool, Hoffinger Replacement

Emerson 5.5" Dia. Catalog No.	HP	SF	Voltage	A.O. Smith [†] Part No.	A.O. Smith/ Century [†] Part No.	Franklin [†] Part No.	GE [†] Part No.
AGL10FL1H2	1	1.00	115	ODB1102	BV90		H911
AGL15FL1H2	SPL	1.00	115				

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