

Definite Purpose Motors



Product Families Include:

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Definite Purpose Motors

Compressor Duty Motors

Compressor, Pump and Fan & Blower Duty

General Specifications:

Motors designed for air compressor, pump, and fan and blower duty applications which require high breakdown torque and rugged mechanical construction.

Mechanical Features:

- Double shielded ball bearings
- Designed for belted loads

Electrical Features:

- High efficient Class "F" copper windings
- High starting and breakdown torque
- Dual rotation



Rigid Base - Capacitor Start - General Purpose - Drip-Proof Single Phase - Drip-Proof - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥ Notes
1	3600	56	110160.00	✓	430	M6C34DB6	27	115/230	Man.	6.7	SPEC	11.38	S, US
	1800	143T	120044.00	✓	586	C143C17DB3	38	115/208-230	None	6.4	1.15	11.28	S, US
	1800	143T	LM24675	C/A	613	SSD4S1T1C602	33	115/208-230	None	6.4	1.15	11.49	S, US
	1800	143T	120003.00	✓	616	M143C17DB2	33	115/208-230	Man.	6.4	1.15	11.13	S, US
1 1/2	3600	56	110161.00	✓	471	P6C34DB7	33	115/230	Man.	10.0	SPEC	11.88	S, US
	1800	145T	120042.00	✓	647	C145K17DB5	38	115/208-230	None	8.6	1.15	12.28	S, US, 53
	1800	145T	LM24687	✓	678	SSD4S1.5T1C602	41	115/208-230	None	8.6	1.15	12.49	S, US
	1800	145T	120004.00	✓	822	P145K17DB3	40	115/208-230	Man.	8.6	1.15	12.28	S, US, 53
2	3600	56	110232.00	✓	492	M6C34DB11	33	115/230	Man.	11.0	SPEC	11.88	S, US
	1800	182T	131515.00	✓	799	C182C17DB8	56	115/208-230	None	12.4	1.15	13.19	S, MX
	1800	182T	LM24678	✓	826	SS182D4S2T1C6028	65	115/208-230	None	12.4	1.15	13.19	S, MX
	1800	182T	131536.00	✓	855	P182C17DB10	63	115/208-230	Man.	8.8	1.15	10.66	S, MX
3	3600	56Y	110222.00	✓	552	M6C34DB13	38	230	Man.	15.0	1.15	12.38	S, US, 36
	1800	184T	131534.00	✓	865	C184C17DB19	69	115/230	None	16.9	1.15	14.19	S, MX
	1800	184T	LM24680	C/A	888	SS184D4S3T1C6028	78	115/208-230	None	16.9	1.15	14.19	S, MX
5SPL	3600	56	116523.00	✓	665	P6K34DB22	35	208-230	Man.	15.0	1.0	11.44	S, US, 53
5	3600	56Y	111275.00	✓	686	P6K34DB5	44	230	Man.	20.8	1.0	13.34	S, US, 36, 53
	3600	56Y	116789.00	✓	706	P6K34DB27	45	230	Man.	20.8	1.0	12.38	S, US, 10, 53
	3600	145T	120554.00	✓	694	P145K34DB1	46	230	Man.	20.8	1.0	13.12	S, US, 53
	1800	184T	131537.00	✓	1038	C184K17DB31	83	230	None	21.0	1.15	14.69	S, MX, 53
7 1/2	1800	184T	LM24682	✓	1060	SSD4S5T1B600	87	208-230	None	21.0	1.15	14.69	S, MX, 53
	1800	184T	131622.00	✓	1241	P184K17DB33	82	230	Man.	21.0	1.15	14.69	S, MX, 53
	3600	184T	132044.00	✓	1000	C184K34DB8	110	208-230	Tstat	31.0	1.15	16.69	S, MX, 53
	3600	213T	140680.00	✓	1689	C213K34DB1	112	208-230	None	29.5	1.15	16.55	S, MX, 53
10	1800	215T	140155.00	✓	1474	C215K17DB2	113	230	None	36.0	1.15	17.26	S, MX, 53
	1800	215T	LM24683	✓	1556	SS215D4S7.5T1B600	118	208-230	None	36.0	1.15	17.26	S, MX, 53
	3600	215T	140681.00	✓	2135	C215K34DB1	135	208-230	None	37.0	1.15	18.05	S, MX, 53
	1800	215TZ	140311.00	✓	2155	C215K17DB4	140	230	None	43.0	1.25	19.76	S, MX, 53
	1800	215TZ	LM24684	✓	2207	SSD4S10T1B600	140	208-230	None	43.0	1.15	19.76	S, MX, 53

▼ LM Numbers are Lincoln Models

♥ Note listing on inside back flap

C/A - Check Availability

Specifications are subject to change without notice



Automotive
Duty Motors

Pump
Motors

Washguard
Motors

Agricultural
Motors

HVAC / Fan
Motors

Special Voltage
Motors

Definite
Purpose Motors

Brake Motors

IEC Motors

Definite Purpose Motors

Compressor Duty Motors

Compressor, Pump and Fan & Blower Duty

Three Phase - Drip-Proof - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	Inverter Speed Range	♥ Notes
1	1800	143T	121003.00	✓	639	C143T17DB10	36	208-230/460	3.2	85.5	1.25	12.1	10 : 1	S, US
	1800	143T	LM24871	✓	527	SSD4B1T6	35	208-230/460	3.2	85.5	1.25	12.0	10 : 1	S, MX
1 1/2	1800	145T	121004.00	✓	667	C145T17DB32	35	208-230/460	4.8	86.5	1.25	12.6	10 : 1	S, US
	1800	145T	LM24875	✓	551	SSD4B1.5T6	45	208-230/460	4.4	86.5	1.25	13.0	10 : 1	S, MX
2	1800	145T	121005.00	✓	755	C145T17DB33	37	208-230/460	5.8	86.5	1.25	13.6	10 : 1	S, US
	1800	145T	LM24169	✓	610	SSD4B2T6	48	208-230/460	6.0	86.5	1.25	11.5	10 : 1	S, MX
3	1800	182T	131519.00	✓	773	C182T17DB37	75	208-230/460	7.8	89.5	1.25	13.7	10 : 1	S, MX
	1800	182T	LM24222	C/A	796	SSD4B3T61	75	208-230/460	8.0	89.5	1.25	13.2	10 : 1	S, MX
5	1800	184T	131520.00	✓	871	C184T17DB44	86	208-230/460	12.8	89.5	1.25	14.7	10 : 1	S, MX
	1800	184T	LM24202	✓	892	SSD4B5T61	91	208-230/460	12.6	89.5	1.25	14.2	10 : 1	S, MX
7 1/2	1800	213T	140470.00	✓	1093	C213T17DB2	133	208-230/460	20.6	91.0	1.25	16.3	10 : 1	S, MX
	1800	213T	LM24194	✓	1256	SSD4B7.5T6	125	208-230/460	19.2	91.0	1.25	18.5	10 : 1	S, US
10	1800	215T	140472.00	✓	1291	C215T17DB15	144	208-230/460	26.8	91.7	1.25	17.3	10 : 1	S, MX
	1800	215T	LM24193	✓	1403	SSD4B10T6	155	208-230/460	25.0	91.7	1.25	18.5	10 : 1	S, US
20	1800	256T	170006.60	✓	2224	C256T17DB5	324	208-230/460	51.0	93.0	1.25	22.6	10 : 1	C, CN
	1800	256T	LM24199	✓	2415	CCD4B20T6	350	208-230/460	48.0	93.0	1.25	24.4	10 : 1	C, US

Green items are Premium Efficient

♥ Note listing on inside back flap

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Three Phase - TEFC - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	Inverter Speed Range	♥ Notes
3	1800	182T	131463.00	✓	888	C182T17FB32	80	208-230/460	7.8	89.5	1.15	14.96	10 : 1	S, MX
	1800	182T	LM32741	✓	1261	SSF4B3T61	77	208-230/460	7.8	89.5	1.15	13.96	10 : 1	S, MX
5	1800	182T	131464.00	✓	976	C184T17FB42	94	208-230/460	12.8	89.5	1.15	15.96	10 : 1	S, MX
	1800	182T	LM33266	✓	976	SSF4B5T61	85	208-230/460	12.6	89.5	1.15	14.96	10 : 1	S, MX
7 1/2	1800	213T	140450.00	✓	1254	C213T17FB6	144	208-230/460	21.4	91.7	1.25	18.70	10 : 1	S, MX
	1800	213T	LM32805	✓	1158	SSF4B7.5T6	115	208-230/460	19.4	91.7	1.25	20.23	10 : 1	S, US
10	1800	215T	140451.00	✓	1517	C215T17FB18	161	208-230/460	26.6	91.7	1.25	19.70	10 : 1	S, MX
	1800	215T	LM32809	✓	1431	SSF4B10T6	135	208-230/460	26.0	91.7	1.25	21.48	10 : 1	S, US
15	1800	254T	170066.60	✓	2238	C254T17FB10	280	208-230/460	36.0	92.4	1.25	23.19	10 : 1	C, CN
	1800	254T	LM24208	✓	2500	CCF4B15T6	322	208-230/460	37.5	92.4	1.25	25.27	10 : 1	C, US
20	1800	256T	170007.60	✓	2800	C256T17FB4	322	208-230/460	49.0	93.0	1.15	24.92	10 : 1	C, CN
	1800	256T	LM24207	C/A	3037	CCF4B20T61	368	208-230/460	48.0	93.0	1.15	25.27	10 : 1	C, US

Green items are Premium Efficient

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Definite Purpose Motors

Pressure Washer Motors

Motors specially suited for hot or cold pressure washer applications and other single phase installations requiring minimum starting and running amperages.



Mechanical Features:

- Double shielded ball bearings
- Dynamically balanced rotors

Electrical Features:

- Windings dipped in heavy duty varnish system
- Capacitor start / capacitor run designs to reduce amp draw
- Manual reset overload protection
- High service factor

Single Phase - Drip-Proof - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
3/4	3600	S56	100053.00	✓	420	M4C34DH3	24	115/208-230	Man.	4.9	1.25	10.49	S, MX
	1800	S56	101544.00	C/A	608	M4K17DH2	28	115/208-230	Man.	4.0	1.25	11.24	S, US, 53
1	3600	56	110097.00	✓	435	M6C34DB3	27	115/208-230	Man.	6.0	1.25	10.84	S, US
	1800	56	113630.00	✓	660	M6K17DB33	31	115/208-230	Man.	5.3	1.15	10.84	S, US, 53
1 1/2	3600	56	113631.00	✓	577	M6K34DB15	36	115/208-230	Man.	6.2	1.15	11.34	S, US, 53
	1800	56H	113266.00	✓	769	M6K17DB30	42	115/208-230	Man.	6.7	1.15	12.38	S, US, 6, 53
	1800	145T	120004.00	✓	822	P145K17DB3	40	115/208-230	Man.	8.6	1.15	12.28	S, US, 53
2	3600	56	113632.00	✓	779	P6K34DB16	36	115/208-230	Man.	8.6	1.15	11.34	S, US, 53
	1800	56H	116704.00	✓	822	P6K17DB47	45	115/208-230	Man.	8.6	1.15	12.88	S, US, 6, 53
	1800	145T	120879.00	✓	864	P145K17DB38	53	115/208-230	Man.	8.6	1.15	13.31	S, US
3	3600	56H	116706.00	✓	828	M6C34DB75	39	230	Man.	15.0	1.0	12.38	S, US, 6, 53
	1800	184T	131851.00	C/A	1022	184TBD7675	72	208-230	Man.	13.7	1.15	15.22	S, MX, 9
5	3600	56H	116708.00	✓	847	P6K34DB26	45	230	Man.	20.8	1.0	13.34	S, US, 6, 53
	1800	184T	131622.00	✓	1241	P184K17DB33	82	208-230	Man.	21.0	1.15	14.69	S, MX

C/A - Check Availability

♥ Note listing on inside back flap

Specifications are subject to change without notice

Single Phase - TEFC - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
3/4	3600	56	110108.00	✓	443	M6C34FB7	26	115/208-230	Man.	5.0	1.15	11.31	S, US
	1800	56	110022.00	✓	602	M6C17FB7	29	115/208-230	Man.	5.4	1.15	11.31	S, US
1	3600	56	110142.00	✓	542	M6C34FB2	28	115/208-230	Man.	6.0	1.15	11.81	S, US
	1800	56	110023.00	✓	681	M6C17FB8	29	115/208-230	Man.	6.4	1.15	11.81	S, US
	1800	143T	120008.00	✓	681	M143C17FB2	31	115/208-230	Man.	6.4	1.15	12.75	S, US
1 1/2	3600	56	110109.00	✓	746	M6C34FB8	31	115/208-230	Man.	8.5	1.0	12.31	S, US
	1800	56H	113333.00	✓	771	M6K17FB32	38	115/208-230	Man.	8.6	1.0	12.81	S, US, 6, 53
	1800	145T	120009.00	✓	771	M145K17FB2	42	115/208-230	Man.	8.6	1.0	13.25	S, US, 53
2	3600	56H	110402.00	✓	871	P6C34FB23	41	115/208-230	Man.	10.0	1.0	13.31	S, US, 6, 53
	3600	145T	120395.00	✓	880	P145C34FB5	44	115/208-230	Man.	10.0	1.0	13.75	S, US
	1800	145T	120867.00	✓	1107	P145K17FB22	48	115/208-230	Man.	9.2	1.0	13.75	S, US, 53
3	3600	56H	116705.00	✓	908	P6K34FB31	53	230	Man.	14.0	1.0	13.81	S, US, 6, 53
	1800	184T	131855.00	✓	1227	P184K17FB26	88	230	Man.	13.7	1.15	16.86	S, MX, 53
5	3600	184T	132042.00	✓	1533	P184K34FB9	103	230	Man.	19.8	1.15	16.97	S, MX, 53
	1800	184T	131856.00	✓	1426	P184K17FB25	95	230	Man.	21.0	1.0	17.86	S, MX, 53

Specifications are subject to change without notice

♥ Note listing on inside back flap



Automotive
Duty Motors

Pump
Motors

Washguard
Motors

Agricultural
Motors

HVAC / Fan
Motors

Special Voltage
Motors

Definite
Purpose Motors

Brake Motors

IEC Motors

Definite Purpose Motors

Pressure Washer Motors

Single Phase - Drip-Proof - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over- load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1 1/2	3600	56C	114214.00	✓	615	M6K34DK8	35	115/208-230	Man.	6.2	1.15	11.34	S, US
	1800	56HC	113700.00	✓	812	M6K17DK15	38	115/208-230	Man.	7.2	1.15	11.84	S, US, 6, 53
2	3600	56C	114215.00	✓	780	P6K34DK9	45	115/208-230	Man.	8.6	1.15	11.34	S, US
	1800	56HC	113281.00	✓	841	P6K17DK12	45	115/208-230	Man.	8.6	1.15	12.88	S, US, 6, 53
3	3600	56HC	116707.00	✓	852	M6C34DK5	41	230	Man.	15.0	1.0	12.38	S, US, 6, 53
	1800	184TC	131853.00	✓	1022	C184K17DK18	87	208-230	Man.	15.4	1.15	15.96	S, MX, 53
5	3600	56HC	116709.00	✓	872	P6K34DK18	46	230	Man.	20.8	1.0	13.54	S, US, 6, 53
	1800	184TC	131630.00	✓	1257	M184K17DK13	77	208-230	Man.	21.0	1.15	14.69	S, MX, 53

Specifications are subject to change without notice

♥ Note listing on inside back flap

Single Phase - TEFC - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over- load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/3	1800	56C	116485.00	C/A	616	M6C17FK81	29	115/208-230	Man.	3.2	1.15	10.81	S, US, 57
1/2	1800	56C	116486.00	✓	706	M6C17FK80	23	115/208-230	Man.	4.4	1.15	10.81	S, US, 53
3/4	1800	56C	116487.00	✓	822	M6C17FK79	30	115/208-230	Man.	5.4	1.15	11.31	S, US, 53
1	3600	56C	115877.00	✓	518	M6C34FK78	28	115/208-230	Man.	6.0	1.15	11.81	S, US
	1800	56C	115879.00	✓	691	M6C17FK80	32	115/208-230	Man.	6.4	1.15	11.81	S, US
1 1/2	3600	56C	115024.00	✓	704	M6K34FK16	35	115/208-230	Man.	6.2	1.15	12.31	S, US, 53
	1800	56HC	116703.00	✓	825	M6K17FK50	39	115/208-230	Man.	8.6	1.15	12.81	S, US
2	3600	56HC	114995.00	✓	838	P6K34FK15	42	115/208-230	Man.	9.2	1.15	13.31	S, US, 53
	1800	145TC	121465.00	✓	1107	P145K17FK10	44	115/208-230	Man.	9.2	1.0	13.75	S, US
3	3600	56HC	115048.00	✓	916	P6K34FK17	53	115/208-230	Man.	14.0	1.0	13.81	S, US, 53
	1800	184TC	131857.00	✓	1564	P14K17FK14	104	230	Man.	13.7	1.15	17.61	S, MX, 53
5	3600	184TC	131632.00	✓	1572	P184K34FK2	103	230	Man.	19.8	1.15	16.97	S, MX
	1800	184TC	131633.00	✓	1638	P184K17FK11	989	230	Man.	23.0	1.0	16.97	S, MX

C/A - Check Availability

♥ Note listing on inside back flap

Specifications are subject to change without notice

Definite Purpose Motors Woodworking Motors

General Specifications:

- Motors designed for woodworking equipment such as table saws, planers, etc.
- Totally enclosed
- Fully gasketed to prevent dust entry



Single Phase - TEFC - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
3/4	3600	56	110108.00	✓	443	M6C34FB7	26	115/208-230	Man.	5.0	1.15	11.31	S, US
1	3600	56	110142.00	✓	542	M6C34FB2	28	115/208-230	Man.	6.0	1.15	11.81	S, US
1 1/2	3600	56	110109.00	✓	746	M6C34FB8	34	115/208-230	Man.	8.5	1.0	12.31	S, US
2	3600	56H	110402.00	✓	871	P6C34FB23	41	115/208-230	Man.	10.0	1.0	13.31	S, US, 6
	3600	145T	120395.00	✓	880	P145C34FB5	44	115/208-230	Man.	10.0	1.0	13.75	S, US
3	3600	145T	120341.00	✓	903	C145K34FB3	46	230	None	13.0	1.0	14.25	S, US, 53

Specifications are subject to change without notice

♥ Note listing on inside back flap

Single Phase - TEFC - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
3	3600	145TC	120824.00	✓	976	P145K34FC6	56	230	Man.	13.0	1.0	14.25	S, US, 53

Specifications are subject to change without notice

♥ Note listing on inside back flap

General Specifications:

- Extra high breakdown torque
- 8 ft. cord with 115V plug
- On/off toggle switch
- Replaces Delta motor 62-042

Table Saw Motor



Single Phase - TEFC - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over-load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1 1/2	3600	56	113627.00	✓	895	M6C34FB63	39	115/230	Man.	7.5	1.0	12.31	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information



Automotive
Duty Motors

Pump
Motors

Washguard
Motors

Agricultural
Motors

HVAC / Fan
Motors

Special Voltage
Motors

Definite
Purpose Motors

Brake Motors

IEC Motors

Definite Purpose Motors

Contractors' Saw Motors

General Specifications:

- Motor pivots on rod for belt tensioning. Totally enclosed fan cooled motor produces extra high breakdown torques for maximum cutting power. Has 1 3/4" long shaft, 3/4" diameter with keyway. Added 54" cord to all motors 1 1/2-4 HP. Catalog numbers 120925 and 120997 replace Delta UNISAW® motor 83-621 (1 1/2 HP); 120728 and 120998 replace Delta UNISAW® motor 83-651 (3 HP).
- High breakdown torque
- Shaft size is 1-3/4" long by 3/4" Dia.
- Includes 54" cord
- Replaces Delta UNISAW® motors - 83-621 and 83-651



Single Phase - TEFC - Delta UNISAW® Mounting

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over- load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1 1/2	3600	143Y	120925.00	✓	801	C143C34FB5	44	115/230	None	10.0	1.0	12.68	S, US
2	3600	143Y	120997.00	✓	879	C143C34FB6	44	115/230	None	11.0	1.0	12.68	S, US
3	3600	145Y	120728.00	✓	1121	C145K34FB12	52	230	None	13.0	1.0	13.68	S, US, 53
4	3600	145Y	120998.00	✓	1171	C145K34FB16	48	230	None	17.6	1.0	13.68	S, US, 53

UNISAW® is a registered trademark of Delta International.

♥ Note listing on inside back flap

Specifications are subject to change without notice

Contractors' Power Tool Motors

General Specifications:

- Designed for woodworking applications
- Electronic starting switch
- High starting and breakdown torques
- 48 frame model has 1-1/2" long shaft by 1/2" Dia.
- 56 frame models have a 1-7/8" long shaft by 5/8" Dia.
- Shaft extensions, each end, include keyway and flat, 90° apart



Single Phase - Drip Proof - Rigid Base - Double-Shaft

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over- load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	1800	S56Z	101781.00	✓	532	C4C17DHI06	17	115/208-230	None	4.4	1.25	12.43	S, US
3/4	3600	48Z	101782.00	✓	547	C4C34DB15	24	115/208-230	None	4.9	1.25	12.18	S, US
1	3600	56Z	114216.00	✓	572	C6C34DB71	27	115/208-230	None	6.0	1.25	12.81	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap



View On-line Technical Information

Definite Purpose Motors

Instant Reversing Motors

Parking Gates, Door Operators & Slide Gates

General Specifications:

Specially designed motors for use on "instant-reversing" parking gates, doors, slide gates, or other moderate starting torque instant reversing applications. Capable of frequent reversing service.



Features (Resilient Base and C Face):

- Instant "plug-reversing" with simple three-wire connection
- Manual overload protected
- Approx. 150% starting torque - not suitable for hard start applications

Features (Rigid Base):

- Capacitor start, induction run motors with solid state, instant reversing switch
- Manual overload protected

Single Phase - Drip-Proof - Resilient Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over- load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/3	1625	S56	191742.00	✓	491	M4P17DJ21	18	115	Man.	4.0	1.0	10.31	S, CN
1/2	1625	S56	100802.00	✓	542	M4P17DJ7	24	115	Man.	6.1	1.0	11.31	S, MX
	1625	S56	103460.00	✓	402	5KCP35JNC128Y	22	115	Man.	5.0	1.0	9.94	S, MX
	1625	S56	191743.00	✓	552	M4P17DJ22	24	115	Man.	4.6	1.0	10.31	S, CN
3/4	1625	56H	113642.00	✓	647	M6P17DR4	33	115	Man.	8.2	1.0	11.31	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

Continued On Next Page

View On-line Technical Information



Automotive
Duty Motors

Pump
Motors

Washguard
Motors

Agricultural
Motors

HVAC / Fan
Motors

Special Voltage
Motors

Definite
Purpose Motors

Brake Motors

IEC Motors

Definite Purpose Motors

Instant Reversing Motors



Single Phase - Drip-Proof - C Face Less Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over- load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/3	1625	S56C	102017.00	✓	483	M4P17DC29	18	115	Man.	4.2	1.0	9.99	S, MX
1/2	1625	S56C	102021.00	✓	542	M4P17DC30	22	115	Man.	6.1	1.0	10.49	S, MX
	1625	S56C	100704.00*	✓	542	M4P17DC7	16	115	Man.	4.1	1.0	10.24	S, MX

* Motor has same electrical design as 102017, but is rated for intermittent duty.

♥ Note listing on inside back flap

Specifications are subject to change without notice



Single Phase - TEFC - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	Over- load Prot.	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
3/4	1800	56	114932.00	✓	695	P6C17FB113	30	115/208-230	Man.	5.4	1.15	11.31	S, MX
1	1800	56	114933.00	✓	760	P6C17FB112	30	115/208-230	Man.	6.4	1.15	11.81	S, MX

Specifications are subject to change without notice

♥ Note listing on inside back flap



View On-line Technical Information

Definite Purpose Motors

Boat Hoist Duty Motors

Our Electra Gear line of Boat Hoist Duty motors provide customized features that are needed to support the Boat Hoist Industry.

Features Include:

- Stainless steel frame, base, capacitor case and conduit box cover
- 15 minute duty cycle
- Drain holes located at 6:00 position
- TENV enclosure
- Die cast Aluminum endbells
- Capacitor case located at 12:00
- 115/230 Volt – 1.15 S.F.
- UL recognized component listing and CSA approved



Single Phase - TENV - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	"C" Dim. (Inches)	♥Notes
1/2	1800	56C	6439191250	✓	415	6439191250	23	115/208-230	4.1	10.5	S, CN
3/4	1800	56C	6439191251	✓	449	6439191251	26	115/208-230	4.9	11.1	S, CN
1	1800	56C	6439191252	✓	489	6439191252	33	115/208-230	6.8	11.7	S, CN
1 1/2	1800	56C	6439191253	✓	570	6439191253	47	115/208-230	8.4	12.6	S, CN

Specifications are subject to change without notice

♥ Note listing on inside back flap

Single Phase - TENV - C Face Less Base

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	"C" Dim. (Inches)	♥Notes
1/2	1800	56C	6439191260	✓	403	6439191260	22	115/208-230	4.1	10.5	S, CN
3/4	1800	56C	6439191261	✓	438	6439191261	24	115/208-230	4.9	11.1	S, CN
1	1800	56C	6439191262	✓	477	6439191262	32	115/208-230	6.8	11.7	S, CN
1 1/2	1800	56C	6439191263	✓	557	6439191263	46	115/208-230	8.4	12.6	S, CN
2	1800	56C	6439191264	✓	628	6439191264	48	115/208-230	9.0	13.4	S, CN

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information



Automotive
Duty Motors

Pump
Motors

Washguard
Motors

Agricultural
Motors

HVAC / Fan
Motors

Special Voltage
Motors

Definite
Purpose Motors

Brake Motors

IEC Motors

Definite Purpose Motors

Two-Speed Motors

Three Phase - Variable and Constant Torque Designs

General Specifications:

Two-speed, single winding design motors. See pages 197 and 198 for typical applications and characteristic speed torque curves.



Variable Torque - 460 Volt - One Winding - TEFC - Rigid Base - 1725/850 RPM

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 460 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/25	1800/900	143T	120945.00	✓	919	C143T48FB7	36	460	1.6-0.7	1.0	12.75	S, US
1.5/37	1800/900	145T	120941.00	✓	957	C145T48FB60	36	460	2.4-1.0	1.0	12.75	S, US
2/5	1800/900	145T	120940.00	C/A	1116	C145T48FB48	36	460	3.2-1.3	1.0	12.75	S, US
3/75	1800/900	184T	131474.00	C/A	1195	C184T48FB67	77	460	4.0-1.8	1.0	14.46	S, MX
5/1.2	1800/900	184T	131475.00	✓	1525	C184T48FB68	107	460	6.5-2.5	1.0	15.96	S, MX
7.5/1.9	1800/900	215T	140447.00	✓	2149	C215T48FB46	155	460	9.7-3.3	1.0	17.71	S, MX
10/2.5	1800/900	215T	140448.00	✓	2531	C215T48FB48	168	460	12.7-4.2	1.0	18.71	S, MX

C/A - Check Availability

♥ Note listing on inside back flap

Specifications are subject to change without notice

Variable Torque - 208-230 Volt - One Winding - TEFC - Rigid Base - 1725/850 RPM

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/25	1800/900	143T	120944.00	✓	919	C143T48FB6	36	208-230	3.2-1.4	1.0	12.75	S, US
1.5/37	1800/900	145T	120947.00	✓	959	C145T48FB61	36	208-230	4.8-2.0	1.0	12.75	S, US
2/5	1800/900	145T	120946.00	✓	1116	C145T48FB59	35	208-230	6.3-2.6	1.0	12.75	S, US
3/75	1800/900	184T	131468.00	✓	1195	C184T48FB61	78	208-230	8.0-3.6	1.0	14.46	S, MX
5/1.2	1800/900	184T	131469.00	✓	1525	C184T48FB62	94	208-230	13.0-5.0	1.0	15.96	S, MX
7.5/1.9	1800/900	215T	140443.00	C/A	2170	C215T48FB45	154	208-230	19.4-6.6	1.0	17.71	S, MX
10/2.5	1800/900	215T	140444.00	C/A	2531	C215T48FB47	166	208-230	25.4-8.4	1.0	18.71	S, MX

C/A - Check Availability

♥ Note listing on inside back flap

Specifications are subject to change without notice

Constant Torque - 460 Volt - One Winding - TEFC - Rigid Base - 1725/850 RPM

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 460 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/5	1800/900	143T	120943.00	✓	1311	C143T48FB9	36	460	1.4-1.6	1.0	13.25	S, US
2/1	1800/900	184T	131471.00	✓	1676	C184T48FB64	68	460	2.9-2.9	1.0	13.96	S, MX
3/1.5	1800/900	184T	131470.00	✓	1902	C184T48FB63	80	460	3.8-3.5	1.0	14.96	S, MX
5/2.5	1800/900	215T	140445.00	C/A	2486	C215T48FB43	145	460	6.7-7.0	1.0	17.71	S, MX

C/A - Check Availability

♥ Note listing on inside back flap

Specifications are subject to change without notice

Constant Torque - 208-230 Volt - One Winding - TEFC - Rigid Base - 1725/850 RPM

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/5	1800/900	143T	120942.00	✓	1311	C143T48FB8	37	208-230	3.2-4.2	1.0	12.75	S, US
2/1	1800/900	184T	131473.00	C/A	1676	C184T48FB66	69	208-230	5.8-5.7	1.0	13.96	S, MX
3/1.5	1800/900	184T	131472.00	✓	1902	C184T48FB65	80	208-230	7.6-6.9	1.0	14.96	S, MX
5/2.5	1800/900	215T	140446.00	C/A	2486	C215T48FB44	137	208-230	13.4-14.0	1.0	17.71	S, MX

C/A - Check Availability

♥ Note listing on inside back flap

Specifications are subject to change without notice

Definite Purpose Motors

Crusher Duty



Applications:

Ideally suited for size reduction equipment including rock crushers and pulverizers and other uses in the aggregate and construction industries. Crusher Duty motors are designed for belted (radial) loads only.

Features:

- Drive end roller bearing
- Superior speed-torque curves - most SF models nameplated Design B & C. all CCS models labeled Design C.
- Inverter-rated
- Continuous duty
- Construction materials (first letter of model number)
- C – full cast iron construction
- S – steel frame and cast iron end brackets
- Substantial weight savings with steel frame designs
- Premium Class F insulation system
- Across-the-line, Y-Delta (YDS) and Part Winding (PWS) start capability
- Installation versatility - mount Lincoln Crusher Duty motors horizontal or vertical shaft down
- Over temperature protection – Class F thermostats
- Drive-end roller bearing for belted load applications
- 4140 grade high strength shaft material
- Contact your local sales office for higher HP ratings

Automotive
Duty Motors

Pump
Motors

Washguard
Motors

Agricultural
Motors

HVAC / Fan
Motors

Special Voltage
Motors

Definite
Purpose Motors

Brake Motors

IEC Motors



Definite Purpose Motors

TEFC • Crusher Duty

Three Phase - TEFC - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	% F. L. Eff.	Service Factor	♥Notes
100	1800	405T	LM18759	C/A	17139	SF4B100T64PYRBT1	1002	460	95.4	1.15	S, US
	1800	405T	LM33029	C/A	18990	CCS4B100T64PYRBT1	1338	460	92.4	1.15	C, US
	1200	444T	LM17733	C/A	22636	SF6B100T64PYRBT1	1351	460	95.4	1.15	S, US
	1200	444T	LM33030	C/A	25194	CCS6B100T64PYRBT1	1690	460	95.0	1.15	C, US
125	1800	444T	LM17734	C/A	22504	SF4B125T64PYRBT1	1351	460	96.2	1.15	S, US
	1800	444T	LM33031	C/A	24443	CCS4B125T64PYRBT1	1727	460	95.4	1.15	C, US
	1200	445T	LM17735	C/A	27404	SF6B125T64PYRBT1	1531	460	95.8	1.15	S, US
150	1200	445T	LM33032	C/A	30284	CCS6B125T64PYRBT1	1960	460	95.0	1.15	C, US
	1800	445T	LM17736	C/A	26401	SF4B150T64PYRBT1	1531	460	96.2	1.15	S, US
	1800	445T	LM33033	C/A	28412	CCS4B150T64PYRBT1	2090	460	95.8	1.15	C, US
	1200	445T	LM17737	C/A	31521	SF6B150T64PYRBT1	1531	460	95.8	1.15	S, US
200	1200	445T	LM33034	C/A	33374	CCS6B150T64PYRBT1	2458	460	95.8	1.15	C, US
	1800	445T	LM17738	C/A	31078	SF4B200T64PYRBT1	1531	460	96.2	1.15	S, US
	1800	449T	LM33035	C/A	33629	CC449B4P200T64PYCR1	2345	460	96.2	1.15	C, US
	1200	447T	LM17740	C/A	35751	SF6B200T64PYRBT1	1812	460	95.8	1.15	S, US
250	1200	447T	LM33036	C/A	40132	CCS6B200T64PYRBT1	3087	460	95.8	1.15	C, US
	1800	447T	LM17741	C/A	36641	SF4B250T64PYRBT1	1812	460	96.2	1.15	S, US
	1800	449T	LM17701	C/A	35788	CC449S4P250T64PYRBT1	2760	460	95.4	1.15	C, US
	1800	447T	LM17714	C/A	30043	SF4P250T64PYRBT1	1812	460	95.0	1.15	S, US
300	1200	449T	LM17742	C/A	43766	SF6B250T64PYRBT1	2185	460	95.4	1.00	S, US
	1200	449T	LM17702	C/A	42664	CCS6P250T64PYRBT1	3408	460	95.4	1.15	C, US
	1200	449T	LM17715	C/A	35685	SF6P250T64PYRBT1	2185	460	95.4	1.00	S, US
	1800	447T	LM17743	C/A	39759	SF4B300T64PYRBT1	1812	460	96.2	1.15	S, US
350	1800	449T	LM31049	C/A	37518	CC449S4P300T64PYCR1	TBD	460	95.4	1.15	C, US
	1800	449T	LM18757	C/A	31847	S449F4P300T64PYRBT1	2185	460	95.4	1.15	S, US
	1800	447T	LM17716	C/A	30519	SF4P300T64PYRBT1	1812	460	95.4	1.00	S, US
	1200	449T	LM17744	C/A	54897	SF6B300T64PYRBT1	2185	460	95.8	1.00	S, US
400	1200	449T	LM17704	C/A	53499	CCS6P300T64PYRBT1	3500	460	95.8	1.15	C, US
	1800	449T	LM17745	C/A	48219	SF4B350T64PYRBT1	2185	460	96.2	1.15	S, US
	1800	449T	LM17705	C/A	44099	CCS4P350T64PYRBT1	3218	460	95.0	1.15	C, US
	1800	449T	LM17718	C/A	31469	SF4P350T64PYRBT1	2185	460	95.4	1.15	S, US
400	1800	449T	LM17746	C/A	55455	SF4B400T64PYRBT1	2185	460	95.4	1.15	S, US
	1800	449T	LM17706	C/A	51555	CCS4P400T64PYRBT1	3400	460	95.8	1.15	C, US
	1800	449T	LM17719	C/A	40343	SF4P400T64PYRBT1	2185	460	95.4	1.00	S, US

▼ LM Numbers are Lincoln Models

♥ Note listing on inside back flap

C/A - Check Availability

Specifications are subject to change without notice



View On-line Technical Information



Definite Purpose Motors Hydraulic Elevator Duty Motors

Applications:

Hydraulic pump passenger, service, freight, and dumbwaiter low rise elevators. Typically hydraulic elevators travel up to 6 floors at speeds up to 200 fpm.

Features:

- Dual rated nameplates for 80 & 120 starts/hour
- Designed for belt driven pumps
- Wye Start/Delta Run
- Class F Insulated
- 40° C ambient
- F-1 mounting
- Ball bearings with grease fittings and automatic relief
- NEMA dimensions
- UL recognized component listing and CSA approved
- Constructed for low noise and low vibration
- **80 Starts Per Hour**



Three Phase - Drip-Proof - Rigid Base

HP	SYN RPM	Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	% F. L. Nom. Eff.	80 Starts F.L. Amps	Locked Rotor Amps	♥ Notes
15	3600	213T	LM30091	C/A	1236	SSD2P10/15T6006YEH2	114	200	88.5	27	187	S, US
	3600	213T	LM30092	C/A	1236	SSD2P10/15T61YEH2	149	230/460	88.5	36	162/81	S, US
	1800	215T	LM28867	C/A	1135	SSD4G10/15T6006YEH2	128	200	89.5	45	170	S, US
	1800	215T	LM28868	C/A	1135	SSD4S10/15T61YEH2	124	230/460	89.5	39.2/19.6	148/74	S, US
	1800	215T	LM28869	C/A	1135	SSD4P10/15T65YEH2	128	575	91.0	16	59.2	S, US
20	3600	215T	LM30093	✓	1615	SSD2P15/20T6006YEH2	135	200	90.2	53	267	S, US
	3600	215T	LM30094	✓	1615	SSD2P15/20T61YEH2	138	230/460	90.2	46/23	232/116	S, US
	1800	254T	LM28873	C/A	1548	SSD4G15/20T6006YEH2	203	200	91.0	59	267	S, US
	1800	254T	LM28874	C/A	1548	SSD4G15/20T61YEH2	205	230/460	91.0	51.4/25.7	232/116	S, US
	1800	254T	LM28875	C/A	1548	SSD4P15/20T65YEH2	203	575	91.0	21	93	S, US
25	3600	254T	LM30095	✓	2048	SSD2P20/25T6006YEH2	128	200	91.0	67	334	S, US
	3600	254T	LM30096	✓	2048	SSD2P20/25T61YEH2	134	230/460	91.0	58/29	290/145	S, US
	1800	256T	LM28879	C/A	1957	SSD4G20/25T6006YEH2	233	200	91.0	74	368	S, US
	1800	256T	LM28880	C/A	1957	SSD4G20/25T61YEH2	233	230/460	91.0	64/32	320/160	S, US
	1800	256T	LM28881	C/A	1957	SSD4P20/25T65YEH2	233	575	92.4	26	128	S, US
30	3600	256T	LM30097	✓	2463	SSD2P25/30T6006YEH2	235	200	91.0	80	419	S, US
	3600	256T	LM30098	✓	2463	SSD2P25/30T61YEH2	235	230/460	91.0	69/34.5	364/182	S, US
	1800	284T	LM29850	C/A	2986	CCD4G25/30T6006YEH2	300	200	91.7	84	391	S, US
	1800	284T	LM29851	C/A	2586	CCD4G25/30T61YEH2	318	230/460	90.2	73/36.5	340/170	S, US
	1800	284T	LM33046	✓	2960	CCD4B25/30T61YEH2	320	230/460	94.1	73/36.5	360/180	S, US
	1800	284T	LM29854	C/A	2586	CCD4G25/30T65YEH2	300	575	91.7	29	136	S, US

▼ LM Numbers are Lincoln Models

♥ Note listing on inside back flap

C/A - Check Availability

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Specifications are subject to change without notice

View On-line Technical Information



Automotive
Duty Motors

Pump
Motors

Washguard
Motors

Agricultural
Motors

HVAC / Fan
Motors

Special Voltage
Motors

Definite
Purpose Motors

Brake Motors

IEC Motors

Definite Purpose Motors

Hydraulic Elevator Duty Motors

Three Phase - Drip-Proof - Rigid Base

HP	SYN RPM	Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	% F. L. Nom. Eff.	80 Starts F.L. Amps	Locked Rotor Amps	♥Notes
40	3600	284T	LM30099	✓	3172	CCD2P30/40T6006YEH2	320	200	91.7	112	460	S, US
	3600	284T	LM30100	✓	3172	CCD2P30/40T61YEH2	322	230/460	91.7	97/48.5	400/200	S, US
	3600	284T	LM33047	C/A	3631	CCD2B30/406T61YEH2	325	230/460	92.4	90/45	460/230	S, US
	1800	286T	LM29852	C/A	2999	CCD4G30/40T6006YEH2	450	200	92.4	112	495	S, US
	1800	286T	LM29853	C/A	2999	CCD4G30/40T61YEH2	600	230/460	92.4	97/48.5	430/215	S, US
	1800	286T	LM33048	✓	3433	CCD4B30/40T61YEH2	610	230/460	94.1	96/48	416/208	S, US
	1800	286T	LM29855	C/A	2999	CCD4G30/40T65YEH2	653	575	92.4	39	172	S, US
50	3600	286T	LM30101	C/A	4052	CCD2P40/50T6006YEH2	460	200	92.4	135	667	S, US
	3600	286T	LM30102	✓	4052	CCD2P40/50T61YEH2	462	230/460	92.4	117/58.5	580/290	S, US
	1800	324T	LM28897	C/A	4013	SD4G40/50T6006YEH2	550	200	92.4	145	630	S, US
	1800	324T	LM28898	C/A	4013	SD4G40/50T61YEH2	552	230/460	92.4	126/63	548/274	S, US
	1800	324T	LM32651	✓	4595	SD4B40/50T61YEH2	554	230/460	94.5	125/62.5	530/265	S, US
	1800	324T	LM28899	C/A	4013	SD4G40/50T65YEH2	550	575	92.4	51	220	S, US
	1800	326T	LM28903	C/A	4458	SD4G50/60T6006YEH2	519	200	92.4	176	794	S, US
60	1800	326T	LM28904	C/A	4458	SD4G50/60T61YEH2	530	230/460	92.4	153/76.5	690/345	S, US
	1800	326T	LM32663	✓	5103	SF4B50/60T61YEH2	535	230/460	93.6	151/75.5	650/325	S, US
	1800	326T	LM28905	C/A	4458	SD4G50/60T65YEH2	519	575	92.4	61	276	S, US
	75	1800	364T	LM28909	C/A	5519	SD4G60/75T6006YEH2	693	200	93.6	206	1000
75	1800	364T	LM28910	✓	5519	SD4S60/75T61YEH2	709	230/460	93.6	179/89.5	870/435	S, US
	1800	364T	LM28911	C/A	5519	SD4G60/75T65YEH2	709	575	93.6	72	350	S, US
	100	1800	365T	LM28914	C/A	5780	SD4G75/100T61YEH2	754	230/460	94.1	250/125	1084/542
100	1800	365T	LM28915	C/A	5780	SD4P75/100T65YEH2	754	575	94.1	100	435	S, US

▼ LM Numbers are Lincoln Models

♥ Note listing on inside back flap

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Wye Wound For Electronic Start Or Across The Line Starting

Features:

- 80 Starts Per Hour

Three Phase - Drip-Proof - Rigid Base

HP	SYN RPM	Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	% F. L. Nom. Eff.	80 Starts F.L. Amps	Locked Rotor Amps	♥ Notes
5	1800	182T	LM28918	C/A	580	SSD4P5T6006YEH1	68	200	97.5	15	73.6	S, US
	1800	182T	LM28919	C/A	580	SSD4P5T61YEH1	89	230/460	87.5	13/6.5	64/32	S, US
	1800	182T	LM28920	C/A	580	SSD4P5T65YEH1	79	575	87.5	5	25.6	S, US
7.5	1800	184T	LM28921	C/A	653	SSD4S7.5T6006EH1	98	200	82.5	23	106	S, US
	1800	184T	LM28922	C/A	653	SSD4S7.5T61EH1	101	230/460	82.5	19.8/9.9	92/46	S, US
	1800	184T	LM28923	C/A	653	SSD4S7.5T65YEH1	98	575	82.5	8	36.8	S, US
10	1800	213T	LM28924	C/A	962	SSD4S10T6006EH1	112	200	85.5	30	146	S, US
	1800	213T	LM28925	C/A	962	SSD4S10T61EH1	115	230/460	85.5	25.8/12.9	127/63.5	S, US
	1800	213T	LM28926	C/A	962	SSD4S10T65YEH1	112	575	85.5	10	50.8	S, US

▼ LM Numbers are Lincoln Models

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View On-line Technical Information



Definite Purpose Motors

Hydraulic Elevator Duty Motors

Features:

- 120 Starts Per Hour

Three Phase - Drip-Proof - Rigid Base

HP	SYN RPM	Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	% F. L. Nom. Eff.	120 Starts F.L. Amps	Locked Rotor Amps	♥Notes
10	3600	213T	LM30091	C/A	1236	SSD2P10/15T6006YEH2	114	200	88.5	27	187	S, US
	3600	213T	LM30092	C/A	1236	SSD2P10/15T61YEH2	149	230/460	88.5	36	162/81	S, US
	1800	215T	LM28867	C/A	1135	SSD4G10/15T6006YEH2	128	200	89.5	45	170	S, US
	1800	215T	LM28868	C/A	1135	SSD4S10/15T61YEH2	124	230/460	89.5	25/12.5	148/74	S, US
	1800	215T	LM28869	C/A	1135	SSD4P10/15T65YEH2	128	575	91.0	16	59.2	S, US
15	3600	215T	LM30093	✓	1615	SSD2P15/20T6006YEH2	135	200	90.2	53	267	S, US
	3600	215T	LM30094	✓	1615	SSD2P15/20T61YEH2	138	230/460	90.2	46/23	232/116	S, US
	1800	254T	LM28873	C/A	1548	SSD4G15/20T6006YEH2	203	200	91.0	59	267	S, US
	1800	254T	LM28874	C/A	1548	SSD4G15/20T61YEH2	205	230/460	91.0	38.5/19.2	232/116	S, US
	1800	254T	LM28875	C/A	1548	SSD4P15/20T65YEH2	203	575	91.0	21	93	S, US
20	3600	254T	LM30095	✓	2048	SSD2P20/25T6006YEH2	128	200	91.0	67	334	S, US
	3600	254T	LM30096	✓	2048	SSD2P20/25T61YEH2	134	230/460	91.0	58/29	290/145	S, US
	1800	256T	LM28879	C/A	1957	SSD4G20/25T6006YEH2	233	200	91.0	74	368	S, US
	1800	256T	LM28880	C/A	1957	SSD4G20/25T61YEH2	233	230/460	91.0	64/32	320/160	S, US
	1800	256T	LM28881	C/A	1957	SSD4P20/25T65YEH2	233	575	92.4	26	128	S, US
25	3600	256T	LM30097	✓	2463	SSD2P25/30T6006YEH2	235	200	91.0	80	419	S, US
	3600	256T	LM30098	✓	2463	SSD2P25/30T61YEH2	235	230/460	91.0	69/34.5	364/182	S, US
	1800	284T	LM29850	C/A	2986	CCD4G25/30T6006YEH2	300	200	91.7	84	391	S, US
	1800	284T	LM29851	C/A	2586	CCD4G25/30T61YEH2	318	230/460	90.2	61/30.5	340/170	S, US
	1800	284T	LM33046	✓	2960	CCD4B25/30T61YEH2	320	230/460	94.1	62/31	360/180	S, US
30	1800	284T	LM29854	C/A	2586	CCD4G25/30T65YEH2	300	575	91.7	29	136	S, US
	3600	284T	LM30099	✓	3172	CCD2P30/40T6006YEH2	320	200	91.7	112	460	S, US
	3600	284T	LM30100	✓	3172	CCD2P30/40T61YEH2	322	230/460	91.7	72/36	400/200	S, US
	3600	284T	LM33047	C/A	3631	CCD2B30/40T61YEH2	325	230/460	92.4	68/34	460/230	S, US
	1800	286T	LM29852	C/A	2999	CCD4G30/40T6006YEH2	450	200	92.4	112	495	S, US
40	1800	286T	LM29853	C/A	2999	CCD4G30/40T61YEH2	600	230/460	92.4	72/36	430/215	S, US
	1800	286T	LM33048	✓	3433	CCD4B30/40T61YEH2	610	230/460	94.1	74/37	416/208	S, US
	1800	286T	LM29855	C/A	2999	CCD4G30/40T65YEH2	653	575	92.4	39	172	S, US
	3600	286T	LM30101	C/A	4052	CCD2P40/50T6006YEH2	460	200	92.4	135	667	S, US
	3600	286T	LM30102	✓	4052	CCD2P40/50T61YEH2	462	230/460	92.4	117/58.5	580/290	S, US
50	1800	324T	LM28897	C/A	4013	SD4G40/50T6006YEH2	550	200	92.4	145	630	S, US
	1800	324T	LM28898	C/A	4013	SD4G40/50T61YEH2	552	230/460	92.4	106/53	548/274	S, US
	1800	324T	LM32651	✓	4595	SD4B40/50T61YEH2	554	230/460	94.5	103/51.5	530/265	S, US
	1800	324T	LM28899	C/A	4013	SD4G40/50T65YEH2	550	575	92.4	51	220	S, US
	1800	326T	LM28903	C/A	4458	SD4G50/60T6006YEH2	519	200	92.4	176	794	S, US
60	1800	326T	LM28904	C/A	4458	SD4G50/60T61YEH2	530	230/460	92.4	130/65	690/345	S, US
	1800	326T	LM32663	✓	5103	SF4B50/60T61YEH2	535	230/460	93.6	131/65.5	650/325	S, US
	1800	326T	LM28905	C/A	4458	SD4G50/60T65YEH2	519	575	92.4	61	276	S, US
	1800	364T	LM28909	C/A	5519	SD4G60/75T6006YEH2	693	200	93.6	206	1000	S, US
	1800	364T	LM28910	✓	5519	SD4S60/75T61YEH2	709	230/460	93.6	145/72.5	870/435	S, US
75	1800	364T	LM28911	C/A	5519	SD4G60/75T65YEH2	709	575	93.6	72	350	S, US
	1800	365T	LM28914	C/A	5780	SD4G75/100T61YEH2	754	230/460	94.1	187/93.5	1084/542	S, US
	1800	365T	LM28915	C/A	5780	SD4P75/100T65YEH2	754	575	94.1	100	435	S, US

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Automotive
Duty Motors

Pump
Motors

Washguard
Motors

Agricultural
Motors

HVAC / Fan
Motors

Special Voltage
Motors

Definite
Purpose Motors

Brake Motors

IEC Motors

Definite Purpose Motors

VVVF (Variable Voltage-Variable Frequency) Traction Elevator Hoist Motors

Applications:

Designed for Geared and Gearless Traction Elevators, 100 fpm to 500 fpm operation and up to 12 or 15 floors.

Features:

- Dynamic balanced for low vibration operation
- Normally closed thermostats, one per phase
- Low noise design
- Steel frame construction with cast iron endbells
- Class F Insulated, 40° C ambient
- Epact efficiency or better
- 1.0 service factor
- 1024 PPR encoder, with 1-inch shaft bore standard
- F-1 mounting
- 1000:1 inverter duty capability



Three Phase - Drip-Proof - Rigid Base with Encoder

HP	SYN RPM	No. of Poles	Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	HZ	Voltage	F. L. Amps	Rated Accel. Torque	♥Notes
7 1/2	1200	6	254T	LM28114	✓	3559	SD6P7.5T61ET1	221	60	230/460	24/12	225%	S, US
	1200	6	254T	LM28115	✓	3559	SD6P7.5T6006ET1	221	60	200	28	225%	S, US
	1200	4	254T	LM28116	C/A	3491	SD4P7.5T41ET1	200	40	230/460	19/9.5	275%	S, US
	1200	4	254T	LM28117	C/A	3491	SD4P7.5T4006ET1	200	40	200	22	275%	S, US
	900	4	256T	LM28118	C/A	3877	SD4P7.5T31ET1	278	30	230/460	19.6/9.8	275%	S, US
	900	4	256T	LM28119	C/A	3877	SD4P7.5T3006ET1	278	30	200	23	275%	S, US
10	1200	6	256T	LM28120	✓	3956	SSD6P10T61ET1	214	60	230/460	24/12	250%	S, US
	1200	6	256T	LM28121	✓	3956	SD6P10T6006ET1	214	60	200	28	250%	S, US
	1200	4	256T	LM28122	C/A	3877	SD4P10T41ET1	232	40	230/460	19/9.5	275%	S, US
	1200	4	256T	LM28123	C/A	3877	SSD4P10T4006ET1	232	40	200	22	275%	S, US
	900	4	284T	LM28124	C/A	4590	SD4P10T31ET1	280	30	230/460	19.6/9.8	330%	S, US
	900	4	284T	LM28125	C/A	4590	SD4P10T3006ET1	280	30	200	23	330%	S, US
12 1/2	1200	6	284T	LM31393	C/A	4725	SD6P12.5T61ET1	338	60	230/460	42/21	300%	S, US
	1200	6	284T	LM30676	✓	4725	SD6P12.5T6006YET1	338	60	200	48.5	300%	S, US
	900	4	284T	LM30677	C/A	4983	SD4P12.5T31ET1	365	30	230/460	34/17	300%	S, US
	900	4	284T	LM30678	C/A	4983	SD4P12.5T3006ET1	365	30	200	38.5	300%	S, US
15	1800	4	256T	LM30679	C/A	3956	SD4P15T61ET1	233	60	230/460	—	—	S, US
	1800	4	256T	LM30680	C/A	3956	SD4P15T6006ET1	233	60	200	—	—	S, US
	1200	6	284T	LM28126	✓	4754	SD6S15T61YET1	341	60	230/460	49/24.5	300%	S, US
	1200	6	284T	LM28127	C/A	4754	SD6G15T6006YET1	338	60	200	56.5	300%	S, US
	1200	4	284T	LM28128	C/A	4590	SD4P15T41ET1	344	40	230/460	40/20	330%	S, US
	1200	4	284T	LM28129	C/A	4590	SD4P15T4006ET1	344	40	200	46	330%	S, US
	900	4	286T	LM30535	C/A	5375	SD4S15T31YET1	392	30	230/460	40/20	300%	S, US
	900	4	286T	LM28131	C/A	5375	SD4P15T3006ET1	392	30	200	46	300%	S, US
20	1800	4	256T	LM30681	C/A	4356	SD4P20T61ET1	240	60	230/460	—	—	S, US
	1800	4	256T	LM30682	C/A	4356	SD4P20T6006ET1	240	60	200	—	—	S, US

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VVVF (Variable Voltage-Variable Frequency) Traction Elevator Hoist Motors

Three Phase - Drip-Proof - Rigid Base with Encoder

HP	SYN RPM	No. of Poles	Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	HZ	Voltage	F. L. Amps	Rated Accel. Torque	♥ Notes
20	1200	6	286T	LM28132	C/A	5526	SD6S20T61YET1	390	60	230/460	61/30.5	275%	S, US
	1200	6	286T	LM28133	✓	5526	SD6S20T6006YET1	400	60	200	68	275%	S, US
	1200	4	286T	LM28134	C/A	5375	SD4P20T41ET1	385	40	230/460	52/26	330%	S, US
	1200	4	286T	LM28135	C/A	5375	SD4P20T4006ET1	385	40	200	60	330%	S, US
	900	4	324T	LM28136	C/A	6124	SD4P20T31ET1	480	30	230/460	54/27	275%	S, US
	900	4	324T	LM28137	C/A	6124	SD4P20T3006ET1	471	30	200	62.1	275%	S, US
25	1800	4	284T	LM30720	C/A	4754	SD4P25T61ET1	350	60	230/460	64/32	250%	S, US
	1800	4	284T	LM30721	C/A	4754	SD4P25T62ET1	350	60	200	73.5	250%	S, US
	1200	6	324T	LM28138	C/A	6684	SD6S25T61YET1	505	60	230/460	64/32	250%	S, US
	1200	6	324T	LM28139	C/A	6684	SD6P25T6006ET1	505	60	200	73.6	250%	S, US
	1200	4	324T	LM28140	C/A	6124	SD4P25T41ET1	472	40	230/460	65/32.5	275%	S, US
	1200	4	324T	LM28141	C/A	6124	SD4P25T4006ET1	472	40	200	74.8	275%	S, US
	900	4	326T	LM28142	C/A	6956	SD4P25T31ET1	538	30	230/460	64/32	275%	S, US
	900	4	326T	LM28143	C/A	6956	SD4P25T3006YET1	525	30	200	73.6	275%	S, US
30	1800	4	286T	LM30722	C/A	5526	SD4P30T61ET1	400	60	230/460	72/36	250%	S, US
	1800	4	286T	LM30723	C/A	5526	SD4P30T62ET1	400	60	200	83	250%	S, US
	1200	6	326T	LM27976	C/A	7459	SD6S30T61YET1	535	60	230/460	76/38	225%	S, US
	1200	6	326T	LM28144	C/A	7459	SD6S30T6006YET1	552	60	200	87.4	225%	S, US
	1200	4	326T	LM28145	C/A	6827	SD4P30T41ET1	516	40	230/460	74/37	275%	S, US
	1200	4	326T	LM28146	C/A	6827	SD4P30T4006ET1	516	40	200	85	275%	S, US
	900	4	364T	LM28147	C/A	8356	SD4P30T31ET1	575	30	230/460	74/37	275%	S, US
	900	4	364T	LM28148	C/A	8356	SD4P30T3006ET1	575	30	200	85	275%	S, US
40	1800	4	324T	LM30724	C/A	6327	SD4P40T61ET1	470	60	230/460	98/49	250%	S, US
	1800	4	324T	LM30725	C/A	6327	SD4P40T62ET1	470	60	200	113	250%	S, US
	1200	6	364T	LM28149	✓	9429	SD6S40T61YET1	755	60	230/460	98/49	250%	S, US
	1200	6	364T	LM28150	C/A	9429	SD6S40T6006YET1	755	60	200	113	250%	S, US
	1200	4	364T	LM28151	C/A	8356	SD4P40T41ET1	715	40	230/460	96/48	275%	S, US
	1200	4	364T	LM28152	C/A	8356	SD4P40T4006ET1	715	40	200	111	275%	S, US
	900	4	365T	LM28153	C/A	9309	SD4P40T31ET1	783	30	230/460	97/48.5	275%	S, US
	900	4	365T	LM28154	C/A	9309	SD4P40T3006ET1	783	30	200	112	275%	S, US
50	1800	4	326T	LM30647	C/A	7059	SD4P50T61ET1	522	60	230/460	121/60.5	250%	S, US
	1800	4	326T	LM30648	C/A	7059	SD4P50T6006ET1	522	60	200	139	250%	S, US
	1200	6	365T	LM28155	C/A	9686	SD6S50T61YET1	800	60	230/460	129/64.5	275%	S, US
	1200	6	365T	LM28156	C/A	9686	SD6S50T6006YET1	800	60	200	148	275%	S, US
	1200	4	365T	LM28157	C/A	9309	SD4P50T41ET1	765	40	230/460	120/60	275%	S, US
	1200	4	365T	LM28158	C/A	9309	SD4P50T4006ET1	765	40	200	138	275%	S, US
	900	4	405T	LM28159	C/A	12374	SD4P50T31ET1	964	30	230/460	118/59	275%	S, US
	900	4	405T	LM28160	C/A	12374	SD4S50T3006YET1	964	30	200	136	275%	S, US
60	1800	4	364T	LM30649	C/A	8691	SD4P60T61ET1	715	60	230/460	140/70	—	S, US
	1800	4	364T	LM30650	C/A	8691	SD4P60T6006ET1	715	60	200	161	—	S, US
	1200	6	404T	LM28161	✓	10954	SD6P60T61YET1	888	60	230/460	167/83.5	250%	S, US
	1200	6	404T	LM28162	C/A	10954	SD6P60T6006YET1	888	60	200	192	250%	S, US
	1200	4	404T	LM28163	C/A	10517	SD4P60T41ET1	870	40	230/460	136/68	—	S, US
	1200	4	404T	LM28164	C/A	10517	SD4P60T4006ET1	870	40	200	157	—	S, US
	900	4	444T	LM28165	C/A	14971	SD4P60T31ET1	1277	30	230/460	140/70	275%	S, US
	900	4	444T	LM28166	C/A	14971	SD4P60T3006ET1	1277	30	200	161	275%	S, US
75	1800	4	365T	LM30651	C/A	9686	SD4P75T61ET1	765	60	230/460	45.5/91	—	S, US
	1800	4	365T	LM30652	C/A	9686	SD4P75T6006ET1	765	60	200	209	—	S, US
	1200	6	405T	LM28167	C/A	12900	SD6P75T61YET1	943	60	230/460	178/89	250%	S, US
	1200	6	405T	LM28168	C/A	12900	SD6P75T6006YET1	943	60	200	205	250%	S, US
	1200	4	405T	LM28169	C/A	12374	SD4P75T41ET1	960	40	230/460	170/85	—	S, US
	1200	4	405T	LM28170	C/A	12374	SD4P75T4006ET1	960	40	200	196	—	S, US

▼ LM Numbers are Lincoln Models

♥ Note listing on inside back flap

C/A - Check Availability

Specifications are subject to change without notice

View On-line Technical Information



Automotive
Duty Motors

Pump
Motors

Washguard
Motors

Agricultural
Motors

HVAC / Fan
Motors

Special Voltage
Motors

Definite
Purpose Motors

Brake Motors

IEC Motors

Definite Purpose Motors

VVVF (Variable Voltage-Variable Frequency) Traction Elevator Hoist Motors

Three Phase - Drip-Proof - C Face Less Base - with Encoder - F1 Conduit Box

HP	SYN RPM	No. of Poles	Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	HZ	Voltage	F. L. Amps	Rated Accel. Torque	♥ Notes
7 1/2	1200	6	254T	LM28200	✓	3665	SD6P7.5TCN61ET1	150	60	230/460	24/12	225%	S, US
	1200	6	254T	LM28201	✓	3665	SD6P7.5TCN6006ET1	150	60	200	28	225%	S, US
	1200	4	254T	LM30655	C/A	3595	SD4P7.5TCN41ET1	145	40	230/460	19/9.5	275%	S, US
	1200	4	254T	LM30663	C/A	3595	SD4P7.5TCN4006ET1	145	40	200	22	275%	S, US
	900	4	256T	LM28202	C/A	3981	SD4P7.5TCN31ET1	225	30	230/460	19.6/9.8	275%	S, US
	900	4	256T	LM28203	C/A	3981	SD4P7.5TCN3006ET1	225	30	200	23	275%	S, US
10	1200	6	256T	LM28204	✓	4061	SSD6P10TCN61ET1	202	60	230/460	24/12	250%	S, US
	1200	6	256T	LM28205	✓	4061	SD6P10TCN6006ET1	202	60	200	28	250%	S, US
	1200	4	256T	LM30732	C/A	3981	SD4P10TCN41ET1	230	40	230/460	19/9.5	275%	S, US
	1200	4	256T	LM30733	C/A	3981	SD4P10TCN4006ET1	230	40	200	22	275%	S, US
	900	4	284T	LM28206	C/A	4772	SD4P10TCN31ET1	355	30	230/460	19.6/9.8	330%	S, US
	900	4	284T	LM28207	C/A	4772	SD4P10TCN3006ET1	355	30	200	23	330%	S, US
12 1/2	1200	6	284T	LM30734	✓	4538	SD4P12.5TCN61ET1	305	60	230/460	42/21	300%	S, US
	1200	6	284T	LM30735	✓	4538	SD4P12.5TCN6006ET1	305	60	200	48.5	300%	S, US
	900	4	284T	LM30736	C/A	5164	SD4P12.5TCN3006ET1	355	30	230/460	34/17	300%	S, US
	900	4	284T	LM30737	C/A	5164	SD4P12.5TCN3006ET1	355	30	200	38.5	300%	S, US
15	1800	4	256T	LM30748	C/A	4061	SD4P15TCN61ET1	220	60	230/460	—	—	S, US
	1800	4	256T	LM30749	C/A	4061	SD4P15TCN6006ET1	220	60	200	—	—	S, US
	1200	6	284T	LM28208	✓	4936	SD6P15TCN61ET1	330	60	230/460	49/24.5	300%	S, US
	1200	6	284T	LM28209	✓	4936	SD6S15TCN6006YET1	330	60	200	56.5	300%	S, US
	1200	4	284T	LM30750	C/A	4772	SD4P15TCN41ET1	355	40	230/460	40/20	330%	S, US
	1200	4	284T	LM30751	C/A	4772	SD4P15TCN4006ET1	355	40	200	46	330%	S, US
20	900	4	286T	LM28210	C/A	5557	SD4P15TCN31ET1	388	30	230/460	40/20	300%	S, US
	900	4	286T	LM28211	C/A	5557	SD4S15TCN3006ET1	388	30	200	46	300%	S, US
	1800	4	256T	LM30752	C/A	4461	SD4P20TCN61ET1	249	60	230/460	—	—	S, US
	1800	4	256T	LM30753	C/A	4461	SD4P20TCN6006ET1	249	60	200	—	—	S, US
	1200	6	286T	LM28212	C/A	5924	SD6S20TCN61YET1	379	60	230/460	61/30.5	275%	S, US
	1200	6	286T	LM28213	✓	5924	SD6S20TCN6006YET1	379	60	200	68	275%	S, US
25	1200	4	286T	LM30739	C/A	5557	SD4P20TCN41ET1	396	40	230/460	52/26	330%	S, US
	1200	4	286T	LM30740	C/A	5557	SD4P20TCN6006ET1	396	40	200	60	330%	S, US
	900	4	324T	LM28214	C/A	6426	SD4P20TCN31ET1	480	30	230/460	54/27	275%	S, US
	900	4	324T	LM28215	C/A	6426	SD4S20TCN3006YET1	480	30	200	62.1	275%	S, US
	1800	4	284T	LM31607	C/A	5006	SD4P25TCN61ET1	355	60	230/460	64/32	250%	S, US
	1800	4	284T	LM30760	C/A	5006	SD4P25TCN6006ET1	355	60	200	73.5	250%	S, US
30	1200	6	324T	LM28216	C/A	7194	SD6S25TC61YET1	499	60	230/460	64/32	250%	S, US
	1200	6	324T	LM28217	C/A	7194	SD6P25TCN6006ET1	499	60	200	73.6	250%	S, US
	1200	4	324T	LM30754	C/A	6426	SD4P25TCN41ET1	480	40	230/460	65/32.5	275%	S, US
	1200	4	324T	LM30755	C/A	6426	SD4P25TCN4006ET1	480	40	200	74.8	275%	S, US
	900	4	326T	LM28218	C/A	7735	SD4P25TCN31ET1	533	30	230/460	64/32	275%	S, US
	900	4	326T	LM28219	C/A	7735	SD4P25TCN3006ET1	533	30	200	73.6	275%	S, US

▼ LM Numbers are Lincoln Models

♥ Note listing on inside back flap

C/A - Check Availability

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Specifications are subject to change without notice



View On-line Technical Information



VVVF (Variable Voltage-Variable Frequency) Traction Elevator Hoist Motors

Three Phase - Drip-Proof - C Face Less Base - with Encoder - F1 Conduit Box

HP	SYN RPM	No. of Poles	Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	HZ	Voltage	F. L. Amps	Rated Accel. Torque	♥ Notes
30	1800	4	286T	LM30702	C/A	5708	SD4S30TCN61YET1	397	60	230/460	72/36	250%	S, US
	1800	4	286T	LM30762	C/A	5708	SD4P30TCN6006ET1	397	60	200	83	250%	S, US
	1200	6	326T	LM27971	✓	7988	SD6S30TCN61YET1	537	60	230/460	76/38	225%	S, US
	1200	6	326T	LM28220	✓	7988	SD6S30TCN6006YET1	557	60	200	87.4	225%	S, US
	1200	4	326T	LM30756	C/A	7129	SD4P30TCN41ET1	532	40	230/460	74/37	275%	S, US
	1200	4	326T	LM30757	C/A	7129	SD4P30TCN4006ET1	532	40	200	85	275%	S, US
	900	4	364T	LM28221	C/A	8844	SD4P30TCN31ET1	720	30	230/460	74/37	275%	S, US
	900	4	364T	LM28222	C/A	8844	SD4P30TCN3006ET1	720	30	200	85	275%	S, US
40	1800	4	324T	LM30763	C/A	6631	SD4P40TCN61ET1	480	60	230/460	98/49	250%	S, US
	1800	4	324T	LM30764	C/A	6631	SD4P40TCN6006ET1	480	60	200	113	250%	S, US
	1200	6	364T	LM28223	✓	9698	SD6P40TCN61ET1	724	60	230/460	98/49	250%	S, US
	1200	6	364T	LM28224	C/A	9698	SD6P40TCN6006ET1	724	60	200	113	250%	S, US
	1200	4	364T	LM30758	C/A	8844	SD4P40TCN41ET1	715	40	230/460	96/48	275%	S, US
	1200	4	364T	LM30765	C/A	8844	SD4P40TCN4006ET1	715	40	200	111	275%	S, US
	900	4	365T	LM28225	C/A	9980	SD4P40TCN31ET1	775	30	230/460	97/48.5	275%	S, US
	900	4	365T	LM28226	C/A	9980	SD4P40TCN3006ET1	775	30	200	112	275%	S, US
50	1800	4	326T	LM30746	C/A	7363	SD4P50TCN61ET1	532	60	230/460	121/60.5	250%	S, US
	1800	4	326T	LM30747	C/A	7363	SD4P50TCN6006ET1	532	60	200	139	250%	S, US
	1200	6	365T	LM28227	C/A	10174	SD6P50TCN61ET1	775	60	230/460	129/64.5	275%	S, US
	1200	6	365T	LM28228	C/A	10174	SD6P50TCN6006ET1	775	60	200	148	275%	S, US

▼ LM Numbers are Lincoln Models

♥ Note listing on inside back flap

C/A - Check Availability

Specifications are subject to change without notice

Encoder Pigtail Kits for VVVF Elevator Duty Motors

Applications:

Encoder pigtail kits are used to extend the length of the existing encoder leads.

▼ Kit Number	Stock	Description	List Price
LM30561		30 ft. encoder cable kit	738
LM31752		40 ft. encoder cable kit	738
LM30881		50 ft. encoder cable kit	872

▼ LM Numbers are Lincoln Models

Specifications are subject to change without notice

View On-line Technical Information



Automotive
Duty Motors

Pump
Motors

Washguard
Motors

Agricultural
Motors

HVAC / Fan
Motors

Special Voltage
Motors

Definite
Purpose Motors

Brake Motors

IEC Motors

Definite Purpose Motors

Submersible Hydraulic Elevator Pump Motors

Three Phase - Open Submersible - Rigid Base

HP	SYN RPM	Frame	▼ Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	BTU/HR Motor Losses	KVA Code	F. L. Amps	Locked Rotor Amps	F.L. Eff.	App. Wgt. (lbs)	♥ Notes
15	3600	160Z	LM29656	✓	1058	SD2S15Z6006YEH3	110	14736	H	53	268	72.2	110	S, CN
	3600	160Z	LM29657	✓	1058	SD2S15Z61YEH3	110	14736	H	46/23	250/125	72.2	110	S, CN
	3600	160Z	LM29658	✓	1058	SD2S15Z65YEH3	110	14736	H	18.4	100	72.2	110	S, CN
20	3600	160Z	LM29659	✓	1085	SD2S20Z6006YEH3	112	11792	G	64.4	363	76.4	112	S, CN
	3600	160Z	LM29660	✓	1085	SD2S20Z61YEH3	112	11792	G	56/28	316/158	76.4	112	S, CN
	3600	160Z	LM29661	✓	1085	SD2S20Z65YEH3	112	11792	G	22.4	126	76.4	112	S, CN
25	3600	160Z	LM29662	✓	1181	SD2S25Z6006YEH3	115	10148	G	77.1	268	79	115	S, CN
	3600	160Z	LM29663	✓	1181	SD2S25Z61YEH3	115	10148	G	67/33.5	250/125	79	115	S, CN
	3600	160Z	LM29664	✓	1181	SD2S25Z65YEH3	115	10148	G	26.8	100	79	115	S, CN
30	3600	160Z	LM29665	✓	1317	SD2S30Z6006YEH3	119	9603	G	92	268	79.9	119	S, CN
	3600	160Z	LM29666	✓	1317	SD2S30Z61YEH3	119	9603	G	80/40	250/125	79.9	119	S, CN
	3600	160Z	LM29667	✓	1317	SD2S30Z65YEH3	119	9603	G	32	100	79.9	119	S, CN
40	3600	160Z	LM29668	✓	1688	SD2S40Z6006YEH3	132	7271	G	115	268	84	132	S, CN
	3600	160Z	LM29669	✓	1688	SD2S40Z61YEH3	132	7271	G	100/50	250/125	84	132	S, CN
	3600	160Z	LM29670	✓	1688	SD2S40Z65YEH3	132	7271	G	40	100	84	132	S, CN
50	3600	160Z	LM29671	✓	1925	SD2S50Z6006YEH3	143	7271	H	140	268	84	143	S, CN
	3600	160Z	LM29672	✓	1925	SD2S50Z61YEH3	143	7271	H	122/61	250/125	84	143	S, CN
	3600	160Z	LM29673	✓	1925	SD2S50Z65YEH3	143	7271	H	48.8	100	84	143	S, CN

▼ LM Numbers are Lincoln Models

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Conversion Kit

L32 Kit Information:

Used to adapt the Lincoln Submersible Elevator motors to some IMO and Alweiler Pumps.

Kit includes needed through-bolts to mount this kit to these motors

L32 Bracket Conversion Kit

▼ Catalog Number	Desc. Sym	App. Wgt. (lbs)	List Price
LM31777	A	12	566

▼ LM Numbers are Lincoln Models

Specifications are subject to change without notice

View On-line Technical Information



Automotive
Duty Motors

Pump
Motors

Washguard
Motors

Agricultural
Motors

HVAC / Fan
Motors

Special Voltage
Motors

Definite
Purpose Motors

Brake Motors

IEC Motors

Definite Purpose Motors

Unit Handling Motors

Applications:

Unit and baggage handling, conveyors, packaging equipment machine tools, elevators and door openers where a conduit box at 12:00 position is needed due to mounting size restrictions

Features:

- Low profile conduit box at the 12:00 position
- Base includes both 56H and 143-5T mounting holes and slots



Single Phase - TEFC - Rigid C Face

HP	RPM	Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps 230V	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	1800	56C	117701.00	✓	505	C6C17FK92	22	115/208-230	4.4	1.15	12.48	S, US
3/4	1800	56C	117702.00	✓	550	C6C17FK94	26	115/208-230	5.4	1.15	12.98	S, US
1	1800	56C	117703.00	✓	596	C6C17FK93	30	115/208-230	6.4	1.15	12.98	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

Single Phase - TEFC - C Face Less Base

HP	RPM	Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps 230V	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	1800	56C	117704.00	✓	485	C6C17FC175	21	115/208-230	4.4	1.15	10.98	S, US
3/4	1800	56C	117705.00	✓	530	C6C17FC176	25	115/208-230	5.4	1.15	11.48	S, US
1	1800	56C	117706.00	✓	570	C6C17FC177	29	115/208-230	6.4	1.15	11.48	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap

Three Phase - TEFC - Rigid C Face

HP	RPM	Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps 230V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	1800	56C	117707.00	✓	419	C6T17FK99	21	208-230/460	2.0	74.0	1.15	12.48	S, US
3/4	1800	56C	117708.00	✓	443	C6T17FK100	22	208-230/460	2.8	77.0	1.15	12.48	S, US
1	1800	56C	117709.00	✓	475	C6T17FK101	30	208-230/460	3.6	77.0	1.15	12.48	S, US
1	1800	143TC	121982.00	✓	693	C143T17FK23	32	208-230/460	3.4	85.5	1.15	12.92	S, US
1.5	1800	56C	117710.00	✓	517	C6T17FK102	30	208-230/460	5.0	78.5	1.15	12.48	S, US
1.5	1800	143TC	121983.00	✓	732	C143T17FK24	34	208-230/460	5.6	86.5	1.15	13.42	S, US
2	1800	145TC	121984.00	✓	806	C145T17FK65	45	208-230/460	5.8	86.5	1.15	13.92	S, US

Green items are Premium Efficient

♥ Note listing on inside back flap

Specifications are subject to change without notice

Three Phase - TEFC - C Face Less Base

HP	RPM	Frame	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps 230V	% F.L. Eff.	Service Factor	"C" Dim. (Inches)	♥Notes
1/2	1800	56C	117711.00	✓	410	C6T17FC226	20	208-230/460	2.0	74.0	1.15	10.48	S, US
3/4	1800	56C	117712.00	✓	438	C6T17FC227	22	208-230/460	2.8	77.0	1.15	10.48	S, US
1	1800	56C	117713.00	✓	469	C6T17FC228	24	208-230/460	3.8	77.0	1.15	10.98	S, US
1	1800	143TC	121985.00	✓	579	C143T17FC36	36	208-230/460	3.1	82.5	1.15	11.92	S, US
1.5	1800	56C	117714.00	✓	511	C6T34FC107	29	208-230/460	4.2	78.5	1.15	11.48	S, US
1.5	1800	143TC	121986.00	✓	604	C145T17FC114	41	208-230/460	4.4	84.0	1.15	12.92	S, US
2	1800	145TC	121987.00	✓	621	C145T17FC115	44	208-230/460	5.6	84.0	1.15	13.42	S, US

Specifications are subject to change without notice

♥ Note listing on inside back flap



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Export Only Motors - Three Phase - EPACT and Standard Efficiency

Specifications:

These motors comply to the EPACT mandates of 1997, but do not comply with EISA mandates of Dec. 2010. They are not intended for use in the USA, and can be used on machinery that is exported out of the USA

Three Phase - TEFC - Rigid Base

HP	RPM @ 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	App. Wgt. (lbs)	Voltage	% F.L. Eff.	♥ Notes
1	1725	143T	EXG120014.00	✓	490	31	208-230/460	82.50%	S, US
	1725	143T	EXG151696.60	✓	526	49	208-230/460	84.00%	C, CN
1 1/2	3450	145T	EXG120086.00	✓	541	45	208-230/460	82.50%	S, US
	3450	143T	EXG151698.60	✓	581	45	208-230/460	82.50%	C, CN
	1725	145T	EXG120015.00	✓	496	36	208-230/460	84.00%	S, US
	1725	145T	EXG151702.60	✓	531	53	208-230/460	85.50%	C, CN
2	3450	145T	EXG120088.00	✓	622	45	208-230/460	84.00%	S, US
	3450	145T	EXG151704.60	✓	667	49	208-230/460	84.00%	C, CN
	1725	145T	EXG120016.00	✓	524	46	208-230/460	84.00%	S, US
	1725	145T	EXG151703.60	✓	564	56	208-230/460	85.50%	C, CN
3	3450	145T	EXG120185.00	✓	712	42	208-230/460	85.50%	S, US
	3450	182T	EXG130099.00	✓	763	60	208-230/460	85.50%	S, MX
	3510	182T	EXG151563.60	✓	819	93	208-230/460	85.50%	C, CN
	1740	182T	EXG130008.00	✓	620	68	208-230/460	87.50%	S, MX
	1750	182T	EXG151320.60	✓	799	94	208-230/460	87.50%	C, CN
5	3500	184T	EXG150299.60	✓	827	100	208-230/460	87.50%	C, CN
	3450	184T	EXG130101.00	✓	878	73	208-230/460	87.50%	S, MX
	1740	184T	EXG130027.00	✓	715	80	208-230/460	87.50%	S, MX
	1750	184T	EXG151322.60	✓	848	101	208-230/460	87.50%	C, CN
7 1/2	3450	184T	EXG131082.00	✓	978	91	208-230/460	88.50%	S, MX
	3450	S213T	EXG130103.00	✓	1004	101	208-230/460	88.50%	S, MX
	3510	213T	EXG150158.60	✓	1092	150	208-230/460	88.50%	C, CN
	1740	213T	EXG140578.00	✓	957	144	208-230/460	89.50%	S, MX
	1750	213T	EXG150157.60	✓	985	153	208-230/460	89.50%	C, CN
10	3510	215T	EXG140686.00	✓	1287	126	208-230/460	89.50%	S, MX
	3510	215T	EXG150159.60	✓	1270	167	208-230/460	89.50%	C, CN
	1740	215T	EXG140489.00	✓	1037	167	208-230/460	89.50%	S, MX
	1750	215T	EXG150140.60	✓	1109	176	208-230/460	89.50%	C, CN
15	3510	215T	EXG140687.00	✓	1615	140	208-230/460	90.20%	S, MX
	3510	215T	EXG151317.60	✓	1697	168	208-230/460	90.20%	C, CN
	3525	254T	EXG150062.60	✓	1699	260	208-230/460	90.20%	C, CN
	1770	254T	EXG150066.60	✓	1749	284	208-230/460	91.00%	C, CN
20	3525	256T	EXG150033.60	✓	2310	296	208-230/460	90.20%	C, CN
	1750	256T	EXG150007.60	✓	2152	321	208-230/460	91.00%	C, CN
25	3525	256T	EXG151318.60	✓	2722	307	208-230/460	91.00%	C, CN
	3550	284TS	EXG150035.60	✓	2791	349	208-230/460	91.00%	C, CN
	1770	284T	EXG150011.60	✓	2532	370	208-230/460	92.40%	C, CN
30	1770	286T	EXG150015.60	✓	3080	428	208-230/460	92.40%	C, CN
40	1780	324T	EXG150019.60	✓	3976	528	208-230/460	93.00%	C, CN
50	1780	326T	EXG150023.60	✓	4902	561	208-230/460	93.00%	C, CN
60	1780	364T	EXG150027.60	✓	7158	687	208-230/460	93.60%	C, CN
75	1780	365T	EXG150031.60	✓	8264	723	208-230/460	94.10%	C, CN
100	1780	405T	EXG150087.60	✓	11102	1050	208-230/460	94.50%	C, CN
125	1780	444T	EXG151369.60	✓	14739	1920	460	94.50%	C, CN
150	1790	445T	EXG151371.60	✓	16538	1900	460	95.00%	C, CN
200	1790	447T	EXG150352.60	✓	21083	2053	460	95.00%	C, CN
250	1790	449T	EX151516.60	✓	25212	2425	460	95.00%	C, CN
300	1785	449T	EX151529.60	✓	28356	2558	460	95.40%	C, CN
350	1790	449T	EX151530.60	✓	29547	2710	460	95.40%	C, CN

Specifications are subject to change without notice

♥ Note listing on inside back flap

View On-line Technical Information



Automotive
Duty Motors

Pump
Motors

Washguard
Motors

Agricultural
Motors

HVAC / Fan
Motors

Special Voltage
Motors

Definite
Purpose Motors

Brake Motors

IEC Motors

Definite Purpose Motors

Export Only Motors - Three Phase - EPACT and Standard Efficiency

Three Phase - TEFC - C Face With Base

HP	RPM @ 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	App. Wgt. (lbs.)	Voltage	% F.L. Eff.	♥Notes
1	1740	145TC	EXG121286.00	✓	576	35	208-230/460	82.50%	S, US
1 1/2	1725	145TC	EXG121287.00	✓	575	37	208-230/460	84.00%	S, US
2	1725	145TC	EXG120276.00	✓	602	45	208-230/460	84.00%	S, US
3	1760	182TC	EXG130326.00	✓	747	68	208-230/460	87.50%	S, MX
	1750	182TC	EXG151565.60	✓	866	94	208-230/460	87.50%	C, CN
5	1760	184TC	EXG130328.00	✓	857	81	208-230/460	87.50%	S, MX
	1750	184TC	EXG151566.60	✓	950	101	208-230/460	87.50%	C, CN
7 1/2	1740	213TC	EXG140183.00	✓	1026	153	208-230/460	89.50%	S, MX
	1760	213TC	EXG150165.60	✓	1085	156	208-230/460	89.50%	C, CN
10	1740	215TC	EXG140147.00	✓	1201	162	208-230/460	89.50%	S, MX
	1760	215TC	EXG150167.60	✓	1277	178	208-230/460	89.50%	C, CN
15	1770	254TC	EXG150102.60	✓	1832	268	208-230/460	91.00%	C, CN
20	1770	256TC	EXG150080.60	✓	2236	321	208-230/460	91.00%	C, CN
25	1770	284TC	EXG150081.60	✓	2883	387	208-230/460	92.40%	C, CN
30	1770	286TC	EXG150082.60	✓	3188	433	208-230/460	92.40%	C, CN
40	1780	324TC	EXG150083.60	✓	4351	572	208-230/460	93.00%	C, CN
50	1780	326TC	EXG150084.60	✓	5043	631	208-230/460	93.00%	C, CN
60	1780	364TC	EXG150085.60	✓	7607	699	208-230/460	93.60%	C, CN
75	1780	365TC	EXG150086.60	✓	9648	757	208-230/460	94.10%	C, CN
100	1780	405TC	EXG151680.60	✓	12068	1100	208-230/460	94.50%	C, CN

C/A - Check Availability

♥ Note listing on inside back flap

Specifications are subject to change without notice

Three Phase - TEFC - C Face Less Base

HP	RPM @ 60 Hz	NEMA Frame	Catalog Number	Stock	List Price	App. Wgt. (lbs.)	Voltage	% F.L. Eff.	♥Notes
1	1725	143TC	EX120024.00	✓	476	26	208-230/460	77.00%	S, US
1 1/2	1725	145TC	EX120037.00	✓	489	32	208-230/460	80.00%	S, US
2	1725	145TC	EX120038.00	✓	524	35	208-230/460	81.50%	S, US
3	1725	145TC	EX121035.00	✓	694	44	208-230/460	82.50%	S, US
	1740	182TC	EX131491.00	✓	665	52	208-230/460	82.50%	S, MX
5	1725	184TC	EX131492.00	✓	762	64	208-230/460	82.50%	S, MX
7 1/2	1740	184TC	EX131606.00	✓	979	66	208-230/460	87.00%	S, MX
	1740	213TC	EX151346.60	✓	1060	162	208-230/460	87.90%	C, CN
	1750	S213TC	EX131528.00	✓	979	102	208-230/460	87.00%	S, MX
10	1740	215TC	EX140109.00	✓	1173	141	208-230/460	89.50%	S, MX
	1750	215TC	EX151348.60	✓	1249	185	208-230/460	88.40%	C, CN
15	1760	254TC	EX151350.60	✓	1773	284	208-230/460	90.00%	C, CN
20	1760	256TC	EX151352.60	✓	2236	270	208-230/460	91.20%	C, CN
25	1760	284TC	EX151507.60	✓	2817	390	208-230/460	91.30%	C, CN
30	1760	286TC	EX151508.60	✓	3386	411	208-230/460	91.50%	C, CN
40	1760	324TC	EX151509.60	✓	4332	548	208-230/460	92.10%	C, CN
50	1760	326TC	EX151510.60	✓	4998	594	208-230/460	92.40%	C, CN
60	1760	364TC	EX151519.60	✓	7511	778	208-230/460	92.70%	C, CN

C/A - Check Availability

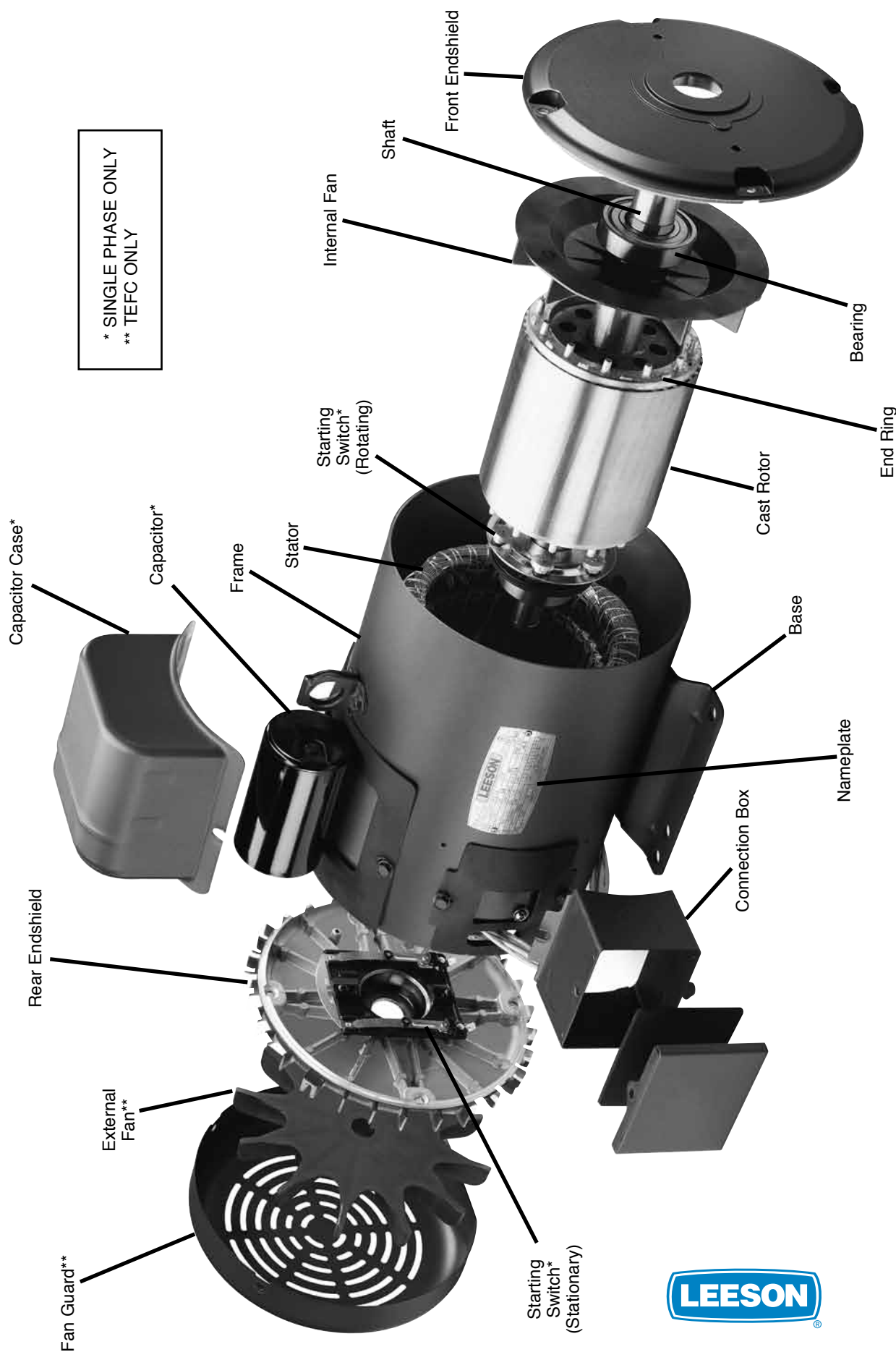
♥ Note listing on inside back flap

Specifications are subject to change without notice



View On-line Technical Information

Major Components of an Electric Motor



Automotive Duty Motors	Pump Motors	Washguard Motors	Agricultural Motors	HVAC / Fan Motors	Special Voltage Motors	Definite Purpose Motors	Brake Motors	IEC Motors
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