

Brakemotors



Features:

- Fail-safe positive stop and holding brakes
- Load stops automatically when power is turned off
- Manual brake release designs
- Dual voltage brake coils
- Single and three phase models
- Washdown duty models
- Brake kits available
- Coupler brake kits available

Applications:

For use where quick response stopping and holding is required in the application, which may include conveyors, hoists, packaging equipment etc...



Brakemotors

Single Phase & Three Phase

Single Phase - TENV/TEFC - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	Brake Rating (ft-lbs)	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	"C" Dim. (Inches)	♥Notes
1/3	1800	56C	3	114165.00	✓	974	C6C17NK19	28	115/208-230	2.9	1.15	14.06	S, US, 12
1/2	1800	56C	3	111950.00	✓	1053	C6C17FK20	32	115/208-230	4.4	1.0	15.06	S, US, 13
3/4	1800	56C	6	114167.00	✓	1383	C6C17FK50	38	115/208-230	5.4	1.15	15.56	S, US, 13
1	1800	56C	6	111951.00	✓	1466	C6K17FK21	38	115/208-230	5.3	1.0	16.07	S, US, 13, 53
1 1/2	1800	145TC	10	121815.00	✓	1553	C145K17FK17	40	115/208-230	8.8	1.0	18.23	S, US, 13, 53
2	1800	145TC	10	121816.00	✓	1589	C145K17FK16	40	115/208-230	9.2	1.0	19.23	S, US, 13, 53

Specifications are subject to change without notice

♥ Note listing on inside back flap

Three Phase - Drip-Proof - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	Brake Rating (ft-lbs)	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	% F.L. Eff.	"C" Dim. (Inches)	♥Notes
1/2	1800	56	3	114162.00	✓	948	C6T17DB46	28	208-230/460	2.0	1.25	74.0	13.56	S, US
3/4	1800	56	6	114163.00	✓	1106	C6T17DB47	29	208-230/460	2.8	1.25	77.0	14.06	S, US
1	1800	56	6	114164.00	✓	1205	C6T17DB48	32	208-230/460	4.2	1.15	78.5	14.06	S, US
1 1/2	1800	145T	10	G120370.00	✓	1382	C145T17DB64	44	208-230/460	4.4	1.15	84.0	16.00	S, US
2	1800	145T	10	G120371.00	✓	1568	C145T17DB65	45	208-230/460	6.0	1.15	84.0	16.00	S, US
3	1800	182T	15	G131626.00	✓	1936	C182T17DB46	65	208-230/460	8.4	1.15	86.5	16.89	S, MX
5	1800	184T	25	G131627.00	✓	2434	C184T17DB63	95	208-230/460	13.2	1.15	87.5	17.89	S, MX
7 1/2	1800	213T	35	G140611.00	✓	2975	C213T17DB7	130	208-230/460	20.0	1.15	88.5	23.01	S, MX
10	1800	215T	50	G140635.00	✓	3767	C215T17DB23	138	208-230/460	28.0	1.15	89.5	25.01	S, MX

35 and 50 Ft-lb brakes - Horizontal mounting only

♥ Note listing on inside back flap

All 180 and 210 frame Rolled Steel motors have Class F Insulation.

Specifications are subject to change without notice



Three Phase - Drip-Proof - C Face Less Base

HP	SYN RPM 60 Hz	NEMA Frame	Brake Rating (ft-lbs)	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	% F.L. Eff.	"C" Dim. (Inches)	♥Notes
1/2	1800	56C	3	114156.00	✓	974	C6T17DC53	28	208-230/460	2	1.25	74.0	13.56	S, US
3/4	1800	56C	6	114157.00	✓	1135	C6T17DC55	38	208-230/460	2.8	1.25	77.0	14.06	S, US
1	1800	56C	6	114166.00	✓	1227	C6T17DC54	40	208-230/460	3.4	1.15	78.5	14.06	S, US
	1800	143TC	6	121678.00	✓	1227	C143T17DC14	42	208-230/460	3.4	1.15	78.5	14.50	S, US
1 1/2	1800	145TC	10	120372.00	✓	1427	C145T17DC16	43	208-230/460	5.6	1.15	78.5	15.50	S, US
	1800	56C	10	116766.00	✓	1427	C6T17DC83	43	208-230/460	5.6	1.15	78.5	15.50	S, US
2	1800	145TC	10	120373.00	✓	1608	C145T17DC17	47	208-230/460	6.2	1.15	78.5	16.00	S, US
3	1800	182TC	15	131624.00	✓	2024	C182T17DC21	56	208-230/460	10	1.15	80.0	16.40	S, MX
5	1800	184TC	25	131625.00	✓	2512	C184T17DC18	76	208-230/460	14.2	1.15	84.0	17.35	S, MX

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

Brakemotors

IEC Motors

Brakemotors

Single Phase & Three Phase



Three Phase - Drip-Proof - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	Brake Rating (ft.-lbs)	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	% F.L. Eff.	"C" Dim. (Inches)	♥Notes
1/2	1800	56C	3	111326.00	✓	983	C6T17DK7	31	208-230/460	2.0	1.25	74.0	13.56	S, US
3/4	1800	56C	6	111327.00	✓	1151	C6T17DK8	34	208-230/460	2.8	1.25	77.0	14.06	S, US
1	1800	56C	6	111328.00	✓	1243	C6T17DK9	42	208-230/460	4.2	1.15	78.5	14.06	S, US
1 1/2	1800	145TC	10	G121053.00	✓	1430	C145T17DK15	42	208-230/460	4.4	1.15	84.0	16.00	S, US
2	1800	145TC	10	G121054.00	✓	1608	C145T17DK14	51	208-230/460	6.0	1.15	84.0	16.50	S, US
3	1800	182TC	15	G131558.00	✓	2227	C182T17DK14	84	208-230/460	8.4	1.15	86.5	16.90	S, MX
5	1800	184TC	25	G131559.00	✓	2713	C184T17DK21	97	208-230/460	13.2	1.15	87.5	18.35	S, MX
7 1/2	1800	213TC	35	G140610.00	✓	3162	C213T17DK5	115	208-230/460	20.0	1.15	88.5	23.51	S, MX
10	1800	215TC	50	G140638.00	✓	3953	C215T17DK4	125	208-230/460	28.0	1.15	89.5	25.01	S, MX

35 and 50 Ft.-lbs brakes - Horizontal mounting only

♥ Note listing on inside back flap

Specifications are subject to change without notice



Three Phase - TEFC - Rigid Base

HP	SYN RPM 60 Hz	NEMA Frame	Brake Rating (ft.-lbs)	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	% F.L. Eff.	"C" Dim. (Inches)	♥Notes
1/3	1800	56	3	114151.00	✓	925	C6T17NB51	28	208-230/460	1.3	1.15	72.0	13.56	S, US, 12
1/2	1800	56	3	114150.00	✓	1008	C6T17NB50	33	208-230/460	1.8	1.15	78.5	14.06	S, US, 12
	1200	56	6	114149.00	✓	1390	C6T11FB16	33	208-230/460	2.4	1.15	70.0	15.56	S, US
3/4	1800	56	6	114147.00	✓	1180	C6T17FB79	34	208-230/460	2.8	1.15	77.0	15.56	S, US
	1200	56	6	114148.00	✓	1459	C6T11FB15	43	208-230/460	3.0	1.15	75.5	16.06	S, US
1	1800	56	6	114146.00	✓	1367	C6T17FB80	37	208-230/460	3.8	1.15	77.0	16.06	S, US
	1800	143T	6	G121679.00	✓	1350	C143T17FB22	40	208-230/460	3.1	1.15	82.5	17.50	S, US
	1200	145T	10	G121050.00	✓	1925	C145T11FB18	45	208-230/460	3.6	1.15	80.0	17.52	S, US
1 1/2	1800	56	10	116767.00	✓	1535	C6T17FB153	44	208-230/460	4.4	1.15	84.0	17.08	S, US
	1800	145T	10	G120329.00	✓	1514	C145T17FB72	44	208-230/460	4.4	1.15	84.0	17.52	S, US
2	1800	145T	10	G120330.00	✓	1550	C145T17FB73	53	208-230/460	5.6	1.15	84.0	18.00	S, US
	1200	184T	15	G131620.00	✓	2587	C184T11FB16	80	208-230/460	7.2	1.15	86.5	20.33	S, MX
3	1800	182T	15	G131613.00	✓	2116	C182T17FB43	78	230/460	8.2	1.15	87.5	18.83	S, MX
	1200	213T	35	G140601.00	✓	3839	C213T11FB2	147	208-230/460	12.0	1.15	87.5	26.49	S, MX
5	1800	184T	25	G131614.00	✓	2624	C184T17FB52	102	230/460	13.0	1.15	87.5	20.78	S, MX
7 1/2	1800	213T	35	G140603.00	✓	3377	C213T17FB11	162	208-230/460	20.4	1.15	89.5	26.49	S, MX
10	1800	215T	50	G140636.00	✓	3874	C215T17FB25	174	208-230/460	26.0	1.15	89.5	27.99	S, MX

35 and 50 Ft.-lbs brakes - Horizontal mounting only

♥ Note listing on inside back flap

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

Brakemotors

IEC Motors

Three Phase - TEFC - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	Brake Rating (ft-lbs)	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	% F.L. Eff.	"C" Dim. (Inches)	♥Notes
1/3	1800	56C	3	110669.00	✓	929	C6T17NK1	30	208-230/460	1.3	1.15	72.0	13.56	S, US
1/2	1800	56C	3	110670.00	✓	1044	C6T17NK2	34	208-230/460	1.8	1.15	78.5	14.06	S, US
	1800	56C	3	114154.00	✓	1044	C6T17FK49	34	208-230/460	2.4	1.15	74.0	15.06	S, US
	1200	56C	3	114152.00	✓	1502	C6T11FK5	34	208-230/460	2.4	1.15	70.0	15.56	S, US
3/4	1800	56C	6	110671.00	✓	1222	C6T17NK3	34	208-230/460	2.5	1.15	80.0	14.56	S, US
	1800	56C	6	114155.00	✓	1222	C6T17FK48	46	208-230/460	2.8	1.0	77.0	15.56	S, US
1	1800	56C	6	110679.00	✓	1438	C6T17FK1	32	208-230/460	3.6	1.15	77.0	15.56	S, US
	1800	143TC	6	G121557.00	✓	1416	C143T17FK16	43	208-230/460	3.1	1.15	82.5	17.50	S, US
1 1/2	1800	145TC	10	G121051.00	✓	1586	C145T17FK41	45	230/460	4.4	1.15	84.0	17.50	S, US
2	1800	145TC	10	G121052.00	✓	1633	C145T17FK42	59	208-230/460	5.6	1.15	84.0	18.00	S, US
3	1800	182TC	15	G131617.00	✓	2218	C182T17FK17	79	230/460	8.2	1.15	87.5	18.83	S, MX
5	1800	184TC	25	G131618.00	✓	2771	C184T17FK19	117	230/460	13.0	1.15	87.5	20.78	S, MX
7 1/2	1800	213TC	35	G140605.00	✓	3537	C213T17FK10	163	208-230/460	20.4	1.15	89.5	26.49	S, MX
10	1800	215TC	50	G140639.00	✓	4541	C215T17FK6	175	208-230/460	26.0	1.15	89.5	27.99	S, MX

35 and 50 Ft-lbs brakes - Horizontal mounting only

♥ Note listing on inside back flap

Specifications are subject to change without notice


Three Phase - TEFC - C Face Less Base

HP	SYN RPM 60 Hz	NEMA Frame	Brake Rating (ft-lbs)	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	% F.L. Eff.	"C" Dim. (Inches)	♥Notes
1/3	1800	56C	3	114158.00	✓	944	C6T17NC194	26	208-230/460	1.3	1.15	72.0	13.56	S, US, 12
1/2	1800	56C	3	114159.00	✓	1028	C6T17FC111	26	208-230/460	2.0	1.15	74.0	15.06	S, US
3/4	1800	56C	6	114160.00	✓	1206	C6T17FC112	34	208-230/460	2.8	1.15	77.0	15.06	S, US
1	1800	56C	6	114161.00	✓	1392	C6T17FC110	31	208-230/460	3.6	1.15	77.0	15.56	S, US
	1800	143TC	6	121556.00	✓	1392	C143T17FC30	37	208-230/460	3.8	1.15	77.0	17.00	S, US
1 1/2	1800	56C	10	116768.00	✓	1561	C6T17FC212	40	208-230/460	5.0	1.15	78.5	16.56	S, US
	1800	145TC	10	120331.00	✓	1561	C145T17FC11	40	208-230/460	5.0	1.15	78.5	17.00	S, US
2	1800	145TC	10	120332.00	✓	1602	C145T17FC12	51	208-230/460	6.0	1.15	84.0	18.00	S, US
3	1800	182TC	15	131610.00	✓	2219	C182T17FC28	69	230/460	9.0	1.15	84.0	18.73	S, MX
5	1800	184TC	25	131611.00	✓	2744	C184T17FC34	92	230/460	13.2	1.15	86.0	19.18	S, MX
7 1/2	1800	S213TC	35	131612.00	✓	3511	C184T17FC36	149	230/460	19.6	1.15	87.0	25.29	S, MX
10	1800	215TC	50	140637.00	✓	4459	C215T17FC8	136	208-230/460	26.0	1.15	89.5	27.99	S, MX

35 and 50 Ft-lbs brakes - Horizontal mounting only

♥ Note listing on inside back flap

Specifications are subject to change without notice

View On-line Technical Information



Brakemotors

Washguard



Washguard Brakemotors - TENV/TEFC - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	Brake Rating (ft-lbs)	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	% F.L. Eff.	"C" Dim. (Inches)	♥Notes
1/3	1800	56C	3	116466.00	✓	1335	C6T17VK28	40	208-230/460	1.3	72.0	1.15	14.00	S, US, 12
1/2	1800	56C	3	116467.00	✓	1361	C6T17VK30	42	208-230/460	1.8	78.5	1.15	14.50	S, US, 12
3/4	1800	56C	6	116468.00	✓	1615	C6T17VK29	44	208-230/460	2.5	80.0	1.15	15.00	S, US, 12
1	1800	56C	6	116469.00	✓	1669	C6T17VK27	48	208-230/460	3.2	80.0	1.15	15.50	S, US, 12
	1800	143TC	6	121616.00	✓	1669	C143T17VK7	49	208-230/460	3.2	80.0	1.15	16.06	S, US, 12
1 1/2	1800	145TC	10	G121617.00	✓	2313	C145T17WK22	50	208-230/460	4.4	84.0	1.15	19.01	S, US, 13
2	1800	145TC	10	G121618.00	✓	2399	C145T17WK21	62	208-230/460	5.6	84.0	1.15	19.01	S, US, 13

Specifications are subject to change without notice

♥ Note listing on inside back flap

Washguard Brakemotors - TENV/TEFC - C Face Less Base

HP	SYN RPM 60 Hz	NEMA Frame	Brake Rating (ft-lbs)	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	% F.L. Eff.	"C" Dim. (Inches)	♥Notes
1/3	1800	56C	3	116462.00	✓	1288	C6T17VC43	39	208-230/460	1.3	72.0	1.15	14.00	S, US, 12
1/2	1800	56C	3	116463.00	✓	1320	C6T17VC42	41	208-230/460	1.8	78.5	1.15	14.50	S, US, 12
3/4	1800	56C	6	116464.00	✓	1571	C6T17VC44	43	208-230/460	2.5	80.0	1.15	15.00	S, US, 12
1	1800	56C	6	116465.00	✓	1627	C6T17VC45	45	208-230/460	3.2	80.0	1.15	15.50	S, US, 12
	1800	143TC	6	121613.00	✓	1627	C143T17VC8	46	208-230/460	3.2	80.0	1.15	15.56	S, US, 12
1 1/2	1800	145TC	10	121614.00	✓	2255	C145T17WC20	49	208-230/460	5.0	78.5	1.15	18.01	S, US, 13
2	1800	145TC	10	121615.00	✓	2319	C145T17WC19	61	208-230/460	6.2	81.5	1.15	18.51	S, US, 13

Specifications are subject to change without notice

♥ Note listing on inside back flap

Stainless Steel Brakemotors



Three Phase - TENV/TEFC - C Face With Base

HP	SYN RPM 60 Hz	NEMA Frame	Brake Rating (ft-lbs)	Catalog Number	Stock	List Price	Model Number	App. Wgt. (lbs)	Voltage	F. L. Amps @ 230 V	Service Factor	% F.L. Eff.	"C" Dim. (Inches)	♥Notes
1/2	1800	56C	3	116483.00	✓	5035	CZ6T17VK31	59	208-230/460	1.6	78.5	1.15	15.85	S, US, 12
1	1800	56C	6	116484.00	✓	5305	CZ6T17VK32	69	208-230/460	3.0	81.5	1.15	15.85	S, US, 12

Specifications are subject to change without notice

♥ Note listing on inside back flap