



BRAKEMOTORS SINGLE & THREE PHASE



BRAKEMOTORS

Fail-safe positive, stop and hold brakemotors. Brakes are spring set. Load is stopped automatically when power is turned off. LEESON brakemotors feature a power off manual release for convenience, and for use in case of a power failure. The manual release resets automatically. The standard brake is manufactured by Stearns. The brake

coil leads are brought into the conduit box of the motor for easy connection and may be connected to operate when power to the motor is shut off, or to be actuated independent of power to the motor. Three phase motors have brake coils rated 230/460 VAC, 60 Hz. Single phase brake coils are 115/230 VAC, 60 Hz.



THREE PHASE • DRIP-PROOF • RIGID BASE

HP	RPM 60 Hz	NEMA Frame	Brake Rating (ft-lbs)	Catalog Number	Disc. Wgt. Sym. (lbs.)	App. Voltage	FL. Amps 230V	% FL. Eff.	"C" Dim. (Inches)
1/2	1725	56	3	114162	A 28	208-230/460	2.0	74.0	13.56
3/4	1725	56	6	114163	A 29	208-230/460	2.8	77.0	14.06
1	1725	56	6	114164	A 32	208-230/460	4.2	78.5	14.06
1½	1725	145T	10	G120370	B 44	208-230/460	4.4	84.0	16.00
2	1725	145T	10	G120371	B 45	208-230/460	6.0	84.0	16.00
3	1740	182T	15	G131626	B 65	208-230/460	8.4	86.5	16.89
5	1740	184T	25	G131627	B 95	208-230/460	13.2	87.5	17.89
7½	1760	213T	35	G140611	B 130	208-230/460	20.0	88.5	23.01
10	1760	215T	50	G140635	B 138	208-230/460	28.0	89.5	25.01

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



THREE PHASE • DRIP-PROOF • C FACE LESS BASE

HP	RPM 60 Hz	NEMA Frame	Brake Rating (ft-lbs)	Catalog Number	Disc. Wgt. Sym. (lbs.)	App. Voltage	FL. Amps 230V	% FL. Eff.	"C" Dim. (Inches)
1/2	1725	56C	3	114156	A 28	208-230/460	2.0	74.0	13.56
3/4	1725	56C	6	114157	A 38	208-230/460	2.8	77.0	14.06
1	1725	56C	6	114166	A 40	208-230/460	3.4	78.5	14.06
	1725	143TC	6	121678	B 42	208-230/460	3.4	78.5	14.50
1½	1725	145TC	10	120372	B 43	208-230/460	5.6	78.5	15.50
	1725	56C	10	116766	A 43	208-230/460	5.6	78.5	15.50
2	1725	145TC	10	120373	B 47	208-230/460	6.2	78.5	16.00
3	1740	182TC	15	131624	B 56	208-230/460	10.0	80.0	16.40
5	1740	184TC	25	131625	B 76	208-230/460	14.2	84.0	17.35

THREE PHASE • DRIP-PROOF • C FACE WITH BASE

HP	RPM 60 Hz	NEMA Frame	Brake Rating (ft-lbs)	Catalog Number	Disc. Wgt. Sym. (lbs.)	App. Voltage	FL. Amps 230V	% FL. Eff.	"C" Dim. (Inches)
1/2	1725	56C	3	111326	A 31	208-230/460	2.0	74.0	13.56
3/4	1725	56C	6	111327	A 34	208-230/460	2.8	77.0	14.06
1	1725	56C	6	111328	A 42	208-230/460	4.2	78.5	14.06
1½	1725	145TC	10	G121053	B 42	208-230/460	4.4	84.0	16.00
2	1725	145TC	10	G121054	B 51	208-230/460	6.0	84.0	16.50
3	1740	182TC	15	G131558	B 84	208-230/460	8.4	86.5	16.90
5	1740	184TC	25	G131559	B 97	208-230/460	13.2	87.5	18.35
7½	1760	213TC	35	G140610	B 115	208-230/460	20.0	88.5	23.51
10	1760	215TC	50	G140638	B 125	208-230/460	28.0	89.5	25.01

Catalog numbers in green are EPACT motors.
Catalog numbers in blue are NEW motors.



THREE PHASE • TEFC • RIGID BASE

HP	RPM 60 Hz	NEMA Frame	Brake Rating (ft-lbs)	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	FL. Amps 230V	% FL. Eff.	"C" Dim. (Inches)
1/3	1725	56	3	114151●	A	28	208-230/460	1.3	72.0	13.56
1/2	1725	56	3	114150●	A	33	208-230/460	1.8	78.5	14.06
	1140	56	6	114149	A	33	208-230/460	2.4	70.0	15.56
3/4	1725	56	6	114147	A	34	208-230/460	2.8	77.0	15.56
	1140	56	6	114148	A	43	208-230/460	3.0	75.5	16.06
1	1725	56	6	114146	A	37	208-230/460	3.8	77.0	16.06
	1725	143T	6	G121679	B	40	208-230/460	3.1	82.5	17.50
	1140	145T	10	G121050	B	45	208-230/460	3.6	80.0	17.52
1½	1725	56	10	116767	A	44	208-230/460	4.4	84.0	17.08
	1725	145T	10	G120329	B	44	208-230/460	4.4	84.0	17.52
2	1725	145T	10	G120330	B	53	208-230/460	5.6	84.0	18.00
	1140	184T	15	G131620	B	80	208-230/460	7.2	86.5	20.33
3	1740	182T	15	G131613	B	78	230/460	8.2	87.5	18.83
	1170	213T	35	G140601	B	147	208-230/460	12.0	87.5	26.49
5	1740	184T	25	G131614	B	102	230/460	13.0	87.5	20.78
7½	1760	213T	35	G140603	B	162	208-230/460	20.4	89.5	26.49
10	1760	215T	50	G140636	B	174	208-230/460	26.0	89.5	27.99



THREE PHASE • TEFC • C FACE LESS BASE

HP	RPM 60 Hz	NEMA Frame	Brake Rating (ft-lbs)	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	FL. Amps 230V	% FL. Eff.	"C" Dim. (Inches)
1/3	1725	56C	3	114158●	A	26	208-230/460	1.3	72.0	13.56
1/2	1725	56C	3	114159	A	26	208-230/460	2.0	74.0	15.06
3/4	1725	56C	6	114160	A	34	208-230/460	2.8	77.0	15.06
1	1725	56C	6	114161	A	31	208-230/460	3.6	77.0	15.56
	1725	143TC	6	121556	B	37	208-230/460	3.8	77.0	17.00
1½	1725	56C	10	116768	A	40	208-230/460	5.0	78.5	16.56
	1725	145TC	10	120331	B	40	208-230/460	5.0	78.5	17.00
2	1725	145TC	10	120332	B	51	208-230/460	6.0	84.0	18.00
3	1740	182TC	15	131610	B	69	230/460	9.0	84.0	18.73
5	1740	184TC	25	131611	B	92	230/460	13.2	86.0	19.18
7½	1740	S213TC	35	131612	B	149	230/460	19.6	87.0	25.29
10	1760	215TC	50	140637	B	136	208-230/460	26.0	89.5	27.99

● These motors are totally enclosed, non-ventilated.
† Class F insulated.

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

Catalog numbers in green are EPACT motors.



THREE PHASE • TEFC • C FACE WITH BASE

HP	RPM 60 Hz	NEMA Frame	Brake Rating (ft-lbs)	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	FL. Amps 230V	% FL. Eff.	"C" Dim. (Inches)
1/3	1725	56C	3	110669●	A	30	208-230/460	1.3	72.0	13.56
1/2	1725	56C	3	110670●†	A	34	208-230/460	1.8	78.5	14.06
	1725	56C	3	114154	A	34	208-230/460	2.4	74.0	15.06
1140	1725	56C	3	114152	A	34	208-230/460	2.4	70.0	15.56
	1725	56C	6	110671●†	A	34	208-230/460	2.5	80.0	14.56
3/4	1725	56C	6	114155	A	46	208-230/460	2.8	77.0	15.56
	1725	143TC	6	110679	A	32	208-230/460	3.6	77.0	15.56
1	1725	143TC	6	G121557	B	43	208-230/460	3.1	82.5	17.50
	1725	145TC	10	G121051	B	45	230/460	4.4	84.0	17.50
2	1725	145TC	10	G121052	B	59	208-230/460	5.6	84.0	18.00
3	1740	182TC	15	G131617	B	79	230/460	8.2	87.5	18.83
5	1740	184TC	25	G131618	B	117	230/460	13.0	87.5	20.78
7½	1760	213TC	35	G140605	B	163	208-230/460	20.4	89.5	26.49
10	1760	215TC	50	G140639	B	175	208-230/460	26.0	89.5	27.99



WASHGUARD • TENV/TEFC • C FACE WITH BASE

HP	RPM 60 Hz	NEMA Frame	Brake Rating (ft-lbs)	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	FL. Amps 230V	% FL. Eff.	"C" Dim. (Inches)
1/3	1725	56C	3	116466●	A	40	208-230/460	1.3	72.0	14.00
1/2	1725	56C	3	116467●	A	42	208-230/460	1.8	78.5	14.50
3/4	1725	56C	6	116468●	A	44	208-230/460	2.5	80.0	15.00
1	1725	56C	6	116469●	A	48	208-230/460	3.2	80.0	15.50
	1725	143TC	6	121616●	A	49	208-230/460	3.2	80.0	16.06
1½	1725	145TC	10	G121617	A	50	208-230/460	4.4	84.0	19.01
2	1725	145TC	10	G121618	A	62	208-230/460	5.6	84.0	19.01

WASHGUARD • TENV/TEFC • C FACE LESS BASE

HP	RPM 60 Hz	NEMA Frame	Brake Rating (ft-lbs)	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	FL. Amps 230V	% FL. Eff.	"C" Dim. (Inches)
1/3	1725	56C	3	116462●	A	39	208-230/460	1.3	72.0	14.00
1/2	1725	56C	3	116463●	A	41	208-230/460	1.8	78.5	14.50
3/4	1725	56C	6	116464●	A	43	208-230/460	2.5	80.0	15.00
1	1725	56C	6	116465●	A	45	208-230/460	3.2	80.0	15.50
	1725	143TC	6	121613●	A	46	208-230/460	3.2	80.0	15.56
1½	1725	145TC	10	121614	A	49	208-230/460	5.0	78.5	18.01
2	1725	145TC	10	121615	A	61	208-230/460	6.2	81.5	18.51

ALL-STAINLESS • TENV • C FACE WITH BASE

HP	RPM 60 Hz	NEMA Frame	Brake Rating (ft-lbs)	Catalog Number	Disc. Sym.	App. Wgt. (lbs.)	Voltage	FL. Amps 230V	% FL. Eff.	"C" Dim. (Inches)
1/2	1725	56C	3	116483●	A	59	208-230/460	1.6	78.5	15.85
1	1725	56C	6	116484●	A	69	208-230/460	3.0	81.5	15.85

● These motors are totally enclosed, non-ventilated.