



C FACE MOTORS • SINGLE PHASE

LESS BASE • CAPACITOR START • GENERAL PURPOSE



OHIO GEAR™



DRIP-PROOF • C FACE LESS BASE • SINGLE PHASE

HP	RPM 60 Hz	NEMA Frame	Catalog Number	App. Wgt. (lbs.)	Voltage	Over- load Prot.	F.L. Amps 230V	"C" Dim. (Inches)
1/4	1725	...	...	...	...	...	...	...
	1725	S56C	100023	17	115/208-230	None	2.7	9.24
	1725	S56C	101521	17	115/208-230	Auto.	2.7	9.24
1/3	1725	...	...	...	...	...	...	...
	1725	S56C	100024	17	115/208-230	None	3.3	9.24
	1725	S56C	100018	18	115/208-230	Man.	3.3	9.24
	1725	S56C	101522	17	115/208-230	Auto.	3.3	9.24
1/2	1725	...	...	...	...	...	...	...
	1725	S56C	100025	19	115/208-230	None	4.4	9.99
	1725	S56C	100019	21	115/208-230	Man.	4.4	9.99
	1725	S56C	100020	20	115/208-230	Auto.	4.4	9.99
3/4	1725	S56C	100026	24	115/208-230	None	5.4	10.99
	1725	S56C	100021	24	115/208-230	Man.	5.4	10.99
	1725	S56C	101523	26	115/208-230	Auto.	5.4	10.99
1	1725	56C	110220	30	115/208-230	None	6.4	10.88
	1725	56C	110036	27	115/208-230	Man.	6.4	10.88
	1725	143TC	121002	31	115/208-230	None	6.4	11.28
1½	1725	56C	110388☆	38	115/208-230	None	8.6	11.84
	1725	56C	110037☆	39	115/208-230	Man.	8.6	11.84
	1725	...	...	...	...	...	...	...
2	1725	...	...	...	...	...	...	...
	1725	145TC	120073☆	49	115/230	None	10.5	13.28
	1725	...	...	...	...	...	...	...
3	1740	184TC	131544	73	115/208-230	None	16.9	14.19
5	1740	184TC	131539☆	81	230	None	21.0	14.69

TEFC • C FACE LESS BASE • SINGLE PHASE

NEMA Frame	Catalog Number	App. Wgt. (lbs.)	Voltage	Over- load Prot.	F.L. Amps 230V	"C" Dim. (Inches)
48CZ▶	101765	18	115/208-230	None	2.7	9.43
56C	110405●❖	22	115/208-230	None	2.4	9.94
56C	114639	18	115/208-230	None	2.6	10.81
48CZ▶	102663	22	115/208-230	None	3.3	10.06
S56C	101766	22	115/208-230	None	3.3	10.31
56C	110076●❖	23	115/208-230	None	2.9	9.94
56C	110038●❖	25	115/208-230	Man.	2.9	9.94
48CZ▶	102665	24	115/208-230	None	4.4	10.81
56C	110056❖	21	115/208-230	None	4.4	10.81
56C	110039❖	22	115/208-230	Man.	4.4	10.81
56C	114476	24	115/208-230	Auto.	4.4	10.81
56C	110057❖	25	115/208-230	None	5.4	11.31
56C	110040❖	26	115/208-230	Man.	5.4	11.31
56C	110308❖	28	115/208-230	Auto.	5.4	11.31
56C	110058❖	33	115/208-230	None	6.4	11.81
56C	110041❖	29	115/208-230	Man.	6.4	11.81
143TC	121001	32	115/208-230	None	6.4	12.25
56C	110420☆	37	115/208-230	None	8.6	12.81
56C	110042☆	40	115/208-230	Man.	8.6	12.81
145TC	120017☆	40	115/208-230	None	8.6	13.75
56C	112136☆	41	115/230	None	9.2	13.31
145TC	120060☆	45	115/230	Man.	10.0	14.25
182TC	131516	64	115/208-230	None	12.4	14.47
184TC	131545	82	115/208-230	None	16.8	16.47
184TC	131540☆	104	230	None	23.0	17.47

Motors in this column have NEMA Service Factors except as noted by ❖, which have 1.15 Service Factors.



EXPLOSION-PROOF MOTORS

SINGLE & THREE PHASE

SINGLE PHASE • C FACE LESS BASE

CLASS I, GROUPS C & D —
CLASS II, GROUPS F & G • W/CONDUIT BOX

HP	RPM 60 Hz	NEMA Frame	Catalog Number	App. Wgt. (lbs.)	Voltage	Over- load Prot.	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
1/3	1725	56C	111075●	41	115/208-230	Auto.	2.9	70.0	12.37
1/2	1725	56C	111085	45	115/208-230	Auto.	4.0	65.0	13.96
3/4	1725	56C	111086	50	115/208-230	Auto.	5.4	70.0	14.46
1	1725	56C	110852	53	115/208-230	Auto.	6.4	75.0	14.46

☆ Capacitor start/capacitor run design for reduced amperage, others are capacitor start/induction run.
● These motors are totally enclosed, non-ventilated — Others are fan cooled.
▲ These motors are satisfactory for operation on 50 Hz power supply at full rated horsepower.
▶ Shaft extension has keyway and flat 180° apart for ease of mounting.
Useable shaft is 1½" long by 1/2" diameter, 1/8" keyway.

THREE PHASE • C FACE LESS BASE

CLASS I, GROUPS C & D—
CLASS II, GROUPS F & G • W/CONDUIT BOX

HP	RPM 60 Hz▲	NEMA Frame	Catalog Number	App. Wgt. (lbs.)	Voltage	Over- load Prot.	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
1/3	1725	56C	111931▲●	29	208-230/460	Auto.	1.7	76.0	10.87
1/2	1725	56C	111930▲●	34	208-230/460	Auto.	1.7	75.0	11.37
3/4	1725	56C	111935▲	36	208-230/460	Auto.	2.6	75.0	12.46
1	1725	56C	111926▲	46	208-230/460	Auto.	3.4	78.0	13.46
1½	1725	56C	111941	46	208-230/460	Auto.	4.4	80.0	13.96
2	1725	145TC	121178	50	208-230/460	Auto.	6.0	84.0	15.53
3	1740	182TC	158003Ⓜ	91	230/460	T-Stat	8.8	80.0	15.62
5	1740	184TC	158005Ⓜ	10	230/460	T-Stat	13.4	82.5	16.12

Ⓜ Explosion-proof motors are Class I, Group D—Class II, Groups F & G.

SEE CATALOG 1050 FOR HAZARDOUS LOCATION APPLICATION NOTES.