SWIMMING POOL PUMP MOTORS
SINGLE PHASE

COMMERCIAL DUTY SWIMMING POOL MOTORS

General Specifications:

Cast iron NEMA 56 C face mounting face or aluminum as noted. Mechanical bearing lock—shaft-end. Fully enclosed endbell at switch-end. Protected "double contact" starting switch with dual contact switch circuit providing maximum starting dependability. Reliable, field proven, corrosion resistant rotating switch. Stator impregnated with extra heavy varnish system. High temperature copper magnet wire providing extended motor life. "Low voltage" run capabilities. "Super Hush" flow-through ventilation system (exhaust shaft-end). Gaskets supplied under conduit cover and capacitor case giving added environmental protection. 1/2" NPT pipe tap supplied in "built-in" conduit box. Grounding provisions inside terminal panel plus external provision. High overload capacities provided by service factor.

Shaft Material:

Keyed shafts are made of carbon steel. Threaded shafts are 303 stainless steel. Shafts are CW rotation, facing lead end.

Bearings:

304 Double-sealed ball bearing, shaft-end; 203 Double-shielded ball bearing, switch-end.

Terminal Boards:

¼" quick connects (keyed shaft motors are reversible).

U.L. and C.S.A. Recognized

SERVICE FACTORS FOR SWIMMING POOL MOTORS

HP	Service Factor
1/2	1.60
3/4	1.50
1	1.40
1½	1.30
2	1.25
3	1.15

KEYED SHAFT • ALUMINUM C FACE LESS BASE SINGLE PHASE • DRIP-PROOF

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	App. Wgt. (lbs.)	Voltage	Over-load Prot.	F.L. Amps 230V	"C" Dim. (Inches)
1/2	3600	S56C	**101524.00 A**	19	115/208-230	Auto.	3.4	10.05
3/4	3600	S56C	**101525.00 A**	22	115/208-230	Auto.	5.1	10.55
1	3600	S56C	**101526.00**	25	115/208-230	Auto.	5.7	11.05
1½	3600	56C	**113686.00 A**	30	115/208-230	Auto.	9.0	11.88

KEYED SHAFT • CAST IRON C FACE LESS BASE SINGLE PHASE • DRIP-PROOF

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	App. Wgt. (lbs.)	Voltage	Over-load Prot.	F.L. Amps 230V	"C" Dim. (Inches)
1/2	3600	56C	**110278.00 A**	24	115/208-230	Auto.	4.2	10.56
3/4	3600	56C	**110241.00 A**	29	115/208-230	Auto.	5.2	11.15
1	3600	56C	**110242.00 A**	31	115/208-230	Auto.	6.8	11.15
1½	3600	56C	**110243.00 A**	36	115/208-230	Auto.	9.0	11.55
2	3600	56C	**110279.00 A**	40	115/208-230	Auto.	10.5	12.55
3	3600	56C	**110280.00☆**	49	230	Auto.	12.8	13.55

THREADED SHAFT • ALUMINUM C FACE LESS BASE SINGLE PHASE • DRIP-PROOF

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	App. Wgt. (lbs.)	Voltage	Over-load Prot.	F.L. Amps 230V	"C" Dim. (Inches)
1/2	3600	S56J	**101527.00+ A**	20	115/208-230	Auto.	3.4	10.56
3/4	3600	S56J	**101528.00+**	23	115/208-230	Auto.	5.1	11.06
1	3600	S56J	**101529.00+**	24	115/208-230	Auto.	5.7	11.56
1½	3600	56J	**113687.00+ A**	30	115/208-230	Auto.	9.0	12.40

THREADED SHAFT • CAST IRON C FACE LESS BASE SINGLE PHASE • DRIP-PROOF

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	App. Wgt. (lbs.)	Voltage	Over-load Prot.	F.L. Amps 230V	"C" Dim. (Inches)
1/2	3600	56J	**110281.00+ A**	25	115/208-230	Auto.	4.2	10.55
3/4	3600	56J	**110282.00+ A**	30	115/208-230	Auto.	5.2	11.65
1	3600	56J	**110283.00+**	31	115/208-230	Auto.	6.8	11.65
1½	3600	56J	**110284.00+ A**	36	115/208-230	Auto.	9.0	12.15
2	3600	56J	**110285.00+**	41	115/208-230	Auto.	10.5	13.15
3	3600	56J	**110286.00☆+**	51	230	Auto.	12.8	14.15

+ Threaded shaft are fixed rotation—CW from lead end.
☆ Capacitor start/capacitor run design for reduced amperage, others are capacitor start/induction run.
A Subject to Availability.