

Submersible motors, three phase, TENV

1 thru 100 Hp

IP68



Features:

- Continuous duty in water/sewage
- 15 minute in air
- 416 stainless steel shaft
- Dual carbon ceramic mechanical seals
- Two NC thermostats
- 25-foot cable (standard, 250 Frame and up)
- Dual moisture sensing probes
- 1.15 Service Factor
- UL listed, Division 1, Class I, Group C & D, T3C
- Inverter Duty for 10:1 variable torque
- UL listed, Division 1, Class I, Group C & D, T2A on Inverter
- 5 year pro-rated warranty

Applications:

- Wet pit applications
- Slurry pumps
- Aerators
- Mixers

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/ Grp	Temp Code	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
UL listed, hazardous duty, explosion proof													
1	1800	180TY	SUM70104SM	④	T3C	6,917	SU3	25.94	169	63.5	230	3.4	81, 97
	1200	180TY	SUM70106SM	④	T3C	7,415	S1	25.94	169	63.1	230	4.0	10, 81, 97
1 1/2	1800	180TY	SUM70154SM	④	T3C	7,117	SU3	25.94	175	70.5	230	4.6	81, 97
	1200	180TY	SUM70156SM	④	T3C	7,573	S1	25.94	175	70.5	230	5.2	10, 81, 97
2	1800	180TY	SUM70204SM	④	T3C	7,274	SU3	25.94	183	73.5	230	5.8	81, 97
	1800	180TY	SUM70204SM-8	④	T3C	7,274	SU3	25.94	182	73.5	200	6.7	81, 97
3	1800	180TY	SUM70304SM	④	T3C	7,367	SU3	25.94	200	78.1	230	8.8	81, 97
	1200	180TY	SUM70306	④	T3C	7,507	SU3	26.66	235	78	230	10.4	81
5	1800	180TY	SUM70504	④	T3C	7,735	SU3	26.66	240	80.2	230	14	81
	1800	180TY	SUM70504-4	④	T3C	7,735	SU3	26.66	235	80.2	460	7	81
	1800	180TY	SUM70504-8	④	T3C	7,735	SU3	26.66	235	80.2	200	16.1	81
	1800	180TY	SUM70504SM-4	④	T3C	7,735	SU3	26.66	235	80.2	460	7	81, 97
	1200	180TY	SUM70506	④	T3C	10,631	SU3	26.66	248	80.7	230	16	81
7 1/2	1800	180TY	SUM70754	④	T3C	10,003	SU3	26.66	243	82.7	230	20.2	81
	1800	180TY	SUM70754-4	④	T3C	10,003	SU3	26.66	245	82.7	460	10.1	81
	1800	180TY	SUM70754SM-4	④	T3C	10,003	SU3	26.66	245	82.7	460	10.1	81, 97
	1200	210TY	SUM70756	④	T3C	11,378	SU3	31.93	391	81.7	230	20.8	81
10	1200	210TY	SUM70756-4	④	T3C	11,378	SU3	31.93	391	81.7	460	10.4	10,81
	1800	210TY	SUM71004	④	T3C	10,377	SU3	31.93	362	85.6	230	25	81
	1800	210TY	SUM71004-4	④	T3C	10,377	SU3	31.93	362	85.6	460	12.5	81
	1200	210TY	SUM71004SM-4	④	T3C	10,377	SU3	32.65	362	85.6	460	12.5	81, 97
	1200	210TY	SUM71006	④	T3C	14,310	SU3	31.93	380	83.8	230	28	81
15	1200	210TY	SUM71006-4	④	T3C	14,310	SU3	31.93	380	83.8	460	14	10,81
	1200	210TY	SUM71504	④	T3C	13,650	SU3	31.69	376	85.4	230	40.2	14, 82
	1800	210TY	SUM71504-4	④	T3C	13,650	SU3	31.69	374	85.4	460	20.1	82
	1800	210TY	SUM71504SM-4	④	T3C	13,650	SU3	31.69	374	85.4	460	20.1	82, 97
	1200	250TY	SUM71506-4	④	T3C	19,336	SU3	39.40	530	86.5	460	21	81
20	1800	210TY	SUM72004SM-4	④	T3C	15,241	SU3	32.41	378	86.6	460	26.2	82, 97
	1800	210TY	SUM72004-4	④	T3C	16,164	SU3	31.69	407	86.6	460	26.2	82
	1200	250TY	SUM72006-4	④	T3C	21,322	SU3	39.40	530	86.7	460	29	81

UL listed, hazardous duty, explosion proof (continued)

(a) See notes on inside back flap.
SM suffix = one size smaller flange and shaft.

④ = Class I, Group C & D

■ Cast iron frame

All 180TY and 210TY catalog numbers are furnished without lead cable assemblies.

See Lead Cable Assemblies table for ordering information.

Information

General purpose
Single phase

General purpose
Three phase

Severe duty

Large Motors
and Generators

Washdown duty

Explosion proof

Pumps

HVAC

Farm duty