

BALDOR • RELIANCE®

Chiller/Cooling Tower, 3 thru 100 Hp

Three Phase, Two Speed, TEFC

182T thru 405T

Applications: High moisture environment fan motor for mounting in the air stream of cooling towers.

Features: High efficiency severe duty multi-speed axial fan motors. Class F insulation, 1.15 service factor. Lip seal, shaft slinger, and T-drain in both ends. Electrical design is single winding variable torque. Double shielded ball bearings. Burndy type YA compression lead lugs.



Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency ^(b)	Voltage	Full Load Amps	EISA Status ^(a)	Notes ^(a)
3/7.5	1800/900	182T	CTM1757T	1,868	L1	17.12	143	82.5	460	3.6	C	
5/1.25	1800/900	184T	CTM1758T	2,089	L1	17.12	152	84	460	6	C	
7.5/1.88	1800/900	213T	CTM1759T	2,621	L1	19.31	206	87.5	460	8.7	C	
10/2.5	1800/900	215T	CTM1760T	3,046	L1	19.31	204	89.5	460	12	C	
15/3.75	1800/900	254T	CTM1761T	3,863	L1	24.56	315	90.2	460	15	C	
20/5	1800/900	256T	CTM1762T	4,667	L1	24.56	365	90.2	460	24.4	C	
25/6.25	1800/900	284T	CTM1763T	5,430	L1	27.44	435	91	460	25	C	
30/7.5	1800/900	286T	CTM1764T	6,233	L1	27.44	455	91	460	36.6	C	
40/10	1800/900	324T	CTM1765T	8,183	L1	30.16	630	92.4	460	48	C	
50/12.5	1800/900	326T	CTM1766T	9,654	L1	30.16	608	90.2	460	63	C	
60/15	1800/900	364T	CTM1767T	13,982	L1	33.44	865	92.4	460	69.6	C	
75/18.75	1800/900	365T	CTM1768T	17,519	L1	33.44	899	93.6	460	87.3	C	
100/25	1800/900	405T	CTM1769T	21,599	L1	38.31	1260	94.5	460	110	C	

^(a) See notes on inside back flap.

^(b) Full load efficiency is at 1800 RPM and low speed efficiency is not published.

Cast Iron Frame

Three Phase, ODP, Resilient Base

1/2 thru 3 Hp

NEMA 56 thru 145TY

Applications: Heating, ventilation and air conditioning blower and fan motors.

Features: Heavy-gauge steel base, ball bearings, automatic thermal overload. Suitable for mounting in any position. Dynamically balanced rotors for reduced vibration and quiet operation.



Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	EISA Status ^(a)	Notes ^(a)
1/2	1800	56H	RM3108A	429	K	11.97	24	74	230/460	1	C	30, 36
3/4	3600	56H	RM3111A	432	K	11.97	23	74	230/460	1.3	C	30, 36
	1800	56H	RM3112A	462	K	11.97	27	74	230/460	1.5	C	30, 36
1	3600	56H	RM3115A	454	K	11.59	25	75.5	230/460	1.6	C	30, 36
	1800	56/56H	RM3116A	481	K	11.42	30	77	208-230/460	1.6	C	36
1 1/2	3600	56H	RM3120A	514	K	11.97	30	81.5	230/460	2	C	30, 36
	1800	56H	RM3154A	511	K	11.42	33	78.5	208-230/460	2.4	C	36
2	3600	56/56H	RM3155A	595	K	12.47	33	80	230/460	2.7	C	30, 36
	1800	56H	RM3157A	586	K	12.42	40	81.5	208-230/460	2.9	C	36
3	3600	56HZ	RM3158TA	589	K	12.76	45	81.5	208-230/460	4	D	37
		145TY	ERM3158TA	702	K	13.64	52	85.5	208-230/460	3.7	A	
	1800	56HZ	RM3161TA	640	K	15.01	55	82.5	208-230/460	4.1	D	37

^(a) See notes on inside back flap.