

Crusher motors, three phase, TEFC, 460 volts and 575 volts, foot mounted

5 thru 600 Hp

IP55 **IP66**

Applications:

- Cement
- Aggregate
- Above ground mining
- Bulk material handling
- Crushers, belt conveyors and screens



Features:

- High torque NEMA Design A, exceeds NEMA Design C torques
- 1.25 SF up to 100 Hp, 1.15 SF over 100 Hp
- Oversized ball bearings up to 50 Hp, ball and roller bearing designs 60 Hp and up. 586/7/8 frames include oversized roller bearing on DE.
- 586/7/8 frames include oversized, insulated ODE bearing and oversized 4.375" shaft.
- IP55 for frame sizes up to L449. IP66 for 586/7/8 frames.
- Embossed raised letter, 304 stainless steel nameplates
- Inverter ready nameplate
- "TR" catalog numbers are standard roller bearing

Hp	RPM	NEMA Frame	Catalog Number	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
460 volts										
5	1800	184T	ECR9054T	SDC	15.93	118	89.5	230/460	7.1	12
	1200	215T	ECR9056T	SDC	19.50	226	89.5	230/460	7.5	12
7 1/2	1800	213T	ECR9074T	SDC	19.50	231	91.7	230/460	9.3	12
	1200	254T	ECR9076T	SDC	24.78	320	91	230/460	10.3	12
10	1800	215T	ECR9104T	SDC	19.50	240	91.7	230/460	12.3	12
	1200	256T	ECR9106T	SDC	24.78	355	91	230/460	14	12
15	1800	254T	ECR9154T	SDC	24.78	286	92.4	230/460	18.6	12
	1200	284T	ECR9156T	SDC	27.93	500	91.7	230/460	19.4	12
20	1800	256T	ECR9204T	SDC	24.78	366	93	230/460	24	12
	1200	286T	ECR9206T	SDC	27.93	535	91.7	230/460	29	12
25	1800	284T	ECR9254T	SDC	27.93	380	93.6	230/460	31	12
	1200	324T	ECR9256T	SDC	30.66	630	93	230/460	34	12
30	1800	286T	ECR9304T	SDC	27.93	465	93.6	230/460	37	12
	1200	326T	ECR9306T	SDC	30.66	680	93	230/460	42	12
40	1800	324T	ECR9404T	SDC	30.66	645	94.1	230/460	49	12
	1200	364T	ECR9406TR	SDC	33.49	918	94.1	230/460	49	5,12
50	1800	326T	ECR9504T	SDC	30.66	700	94.5	230/460	61	12
	1200	365T	ECR9506TR	SDC	33.49	930	94.1	230/460	62	5,12
	900	404T	ECR9508TR	SDC	38.20	1322	92.4	230/460	79.4	5,12
60	1800	364T	ECR9604T	SDC	33.49	977	95	230/460	70	12
	1200	364T	ECR9604TR	SDC	33.49	977	95	230/460	70	5,12
	900	405T	ECR9608TR	SDC	38.20	1420	92.4	230/460	93.2	5,12
75	1800	365T	ECR9754T	SDC	33.49	962	95.4	230/460	87.5	12
	1200	365T	ECR9754TR	SDC	33.49	962	95.4	230/460	87.5	5,12
	900	405T	ECR9756TR-4	SDC	38.20	1422	94.5	460	91	5,12
100	1800	444T	ECR9758TR-4	SDC	44.87	1874	93.6	460	98.8	5,12
	1200	405T	ECR91004T-4	SDC	38.20	1390	95.4	460	115	12
	900	405T	ECR91004TR-4	SDC	38.20	1390	95.4	460	115	5,12
125	1800	444T	ECR91006TR-4	SDC	44.75	2029	95	460	119	5,12
	1200	445T	ECR91008TR-4	SDC	44.75	2129	93.6	460	133	5,12
	900	445T	ECR91254T-4	SDC	44.75	1964	95.4	460	149	1
150	1800	444T	ECR91254TR-4	SDC	44.75	1964	95.4	460	149	1, 5
	1200	445T	ECR91256TR-4	SDC	44.75	1874	95.4	460	153	1, 5
	900	447T	ECR91258TR-4	SDC	48.24	2380	94.1	460	171	1, 5
150	1800	445T	ECR91504T-4	SDC	44.75	1996	95.8	460	168	1
	1200	445T	ECR91504TR-4	SDC	44.75	1996	95.8	460	168	1, 5
	900	447T	ECR91506TR-4	SDC	48.24	2459	95.8	460	180	1, 5
			ECR91508TR-4	SDC	53.47	2648	94.5	460	203	1, 5

(a) See notes on inside back flap.

Cast iron frame

Optional oversized conduit boxes are available for 586-8 frames. See Motor Accessories section.

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty

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Hp	RPM	NEMA Frame	Catalog Number	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
460 volts (continued)										
200	1800	447T	ECR92004T-4	SDC	48.24	2455	96.2	460	225	1
		447T	ECR92004TR-4	SDC	48.24	2455	96.2	460	225	1, 5
	1200	449T	ECR92006TR-4	SDC	53.24	3125	95.8	460	277	1, 5
		900	L449T	ECR92008TR-4	SDC	60.22	3430	94.5	460	277
250	1800	449T	ECR92504T-4	SDC	53.24	2694	96.2	460	278	
		449T	ECR92504TR-4	SDC	53.24	2694	96.2	460	278	
	1200	449T	ECR92506TR-4	SDC	53.24	3225	95.8	460	283	
		586/7TZ	ECR582506-PPN	ICR	65.72	4806	95.8	460	295	1, 5
300	900	L449T	ECR92508TR-4	SDC	60.22	3390	95	460	359	
		586/7T	ECR582508-PP	ICR	65.72	4806	95	460	312	1, 5
	1800	449T	ECR93004T-4	SDC	53.24	2888	96.2	460	336	
		449T	ECR93004TR-4	SDC	53.24	2888	96.2	460	336	
350	1200	586/7TZ	ECR583004-PPN	ICR	65.72	4718	96.2	460	343	1, 5
		L449T	ECR93006TR-4	SDC	61.59	3683	95.8	460	381	
	900	586/7TZ	ECR583006-PPN	ICR	65.72	4806	95.8	460	352	1, 5
		586/7T	ECR583008-PP	ICR	65.72	4806	95	460	379	1, 5
400	1800	449T	ECR93504T-4	SDC	61.59	3027	96.2	460	390	
		449T	ECR93504TR-4	SDC	61.59	3027	96.2	460	390	
	1200	586/7TZ	ECR583504-PPN	ICR	65.72	4718	96.2	460	396	1, 5
		L449T	ECR93506TR-4	SDC	61.59	3683	95.8	460	433	
450	900	586/7TZ	ECR583506-PPN	ICR	65.72	4806	95.8	460	407	1, 5
		586/7T	ECR583508-PP	ICR	65.72	4806	95.2	460	436	1, 5
	1800	L449T	ECR94004T-4	SDC	53.24	3875	96.2	460	442	
		L449T	ECR94004TR-4	SDC	60.22	3875	96.2	460	442	
500	1200	586/7TZ	ECR584004-PPN	ICR	65.72	4718	96.2	460	452	1, 5
		586/7TZ	ECR584006-PPN	ICR	65.72	4806	95	460	465	1, 5
	1800	586/7TZ	ECR584504-PPN	ICR	65.72	4718	96.2	460	519	1, 5
		586/7TZ	ECR584506-PPN	ICR	65.72	4806	95	460	530	1, 5
600	900	587/8T	ECR584508-PP	ICR	75.56	5760	95	460	559	1, 5
		1800	586/7TZ	ECR585004-PPN	ICR	65.72	4718	96.2	460	576
	1200	586/7TZ	ECR585006-PPN	ICR	65.72	4806	95.8	460	603	1, 5
		586/7TZ	ECR586004-PPN	ICR	65.72	4718	96.2	460	679	1, 5
575 volts										
250	1200	586/7TZ	ECR582506-5PPN	ICR	65.72	4806	96.2	575	237	1, 5
300	1200	586/7TZ	ECR583004-5PPN	ICR	65.72	4718	96.2	575	270	1, 5
		586/7TZ	ECR583006-5PPN	ICR	65.72	4806	95.8	575	279	1, 5
350	1200	586/7TZ	ECR583504-5PPN	ICR	65.72	4718	96.2	575	309	1, 5
		586/7TZ	ECR583506-5PPN	ICR	65.72	4806	95.8	575	323	1, 5
400	1200	586/7TZ	ECR584004-5PPN	ICR	65.72	4718	96.2	575	362	1, 5
		586/7TZ	ECR584006-5PPN	ICR	65.72	4806	95	575	368	1, 5
450	1200	586/7TZ	ECR584504-5PPN	ICR	65.72	4718	96.2	575	397	1, 5
		586/7TZ	ECR584506-5PPN	ICR	65.72	4806	95	575	416	1, 5
500	1200	586/7TZ	ECR585004-5PPN	ICR	65.72	4718	96.2	575	455	1, 5
		586/7TZ	ECR585006-5PPN	ICR	65.72	4806	95.8	575	471	1, 5
600	1800	586/7TZ	ECR586004-5PPN	ICR	65.72	4718	96.2	575	541	1, 5

(a) See notes on inside back flap.

■ Cast iron frame

Optional oversized conduit boxes are available for 586-8 frames. See Motor Accessories section.

Red catalog number indicates **NEW** product