



Sunvim Motor

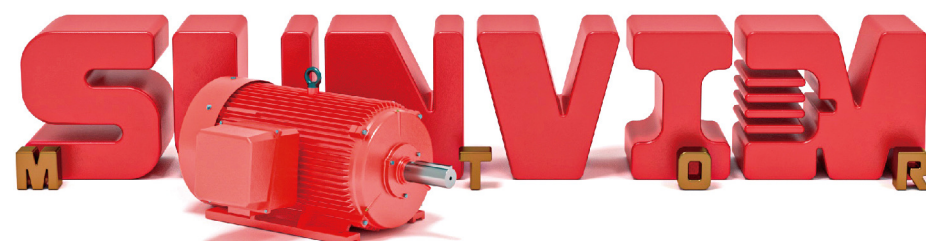


Shandong Sunvim Motor Co., Ltd. mainly engages in the research, development and production of high-efficiency and energy-saving electric motors. With a total investment of 200 million yuan and a land area of 102 acres, the company is equipped with advanced international and domestic facilities such as processing centers and automatic winding machines, and it has established a high-precision and high-power type test center.

The main products include IE3/IE4 high-efficiency three-phase asynchronous motors and IE5 ultra-high-efficiency energy-saving motors. It possesses the industry leading research, design and production capabilities for ultra-high-efficiency synchronous reluctance motors, permanent magnet synchronous motors, and high-voltage motors. The products features high protection level, strong insulation performance, wide application scenarios, energy conservation and consumption reduction, and reliable structures. They are mainly exported to markets in Europe, Africa, and Southeast Asia, with a wide customer base and a high market reputation.



Certificates



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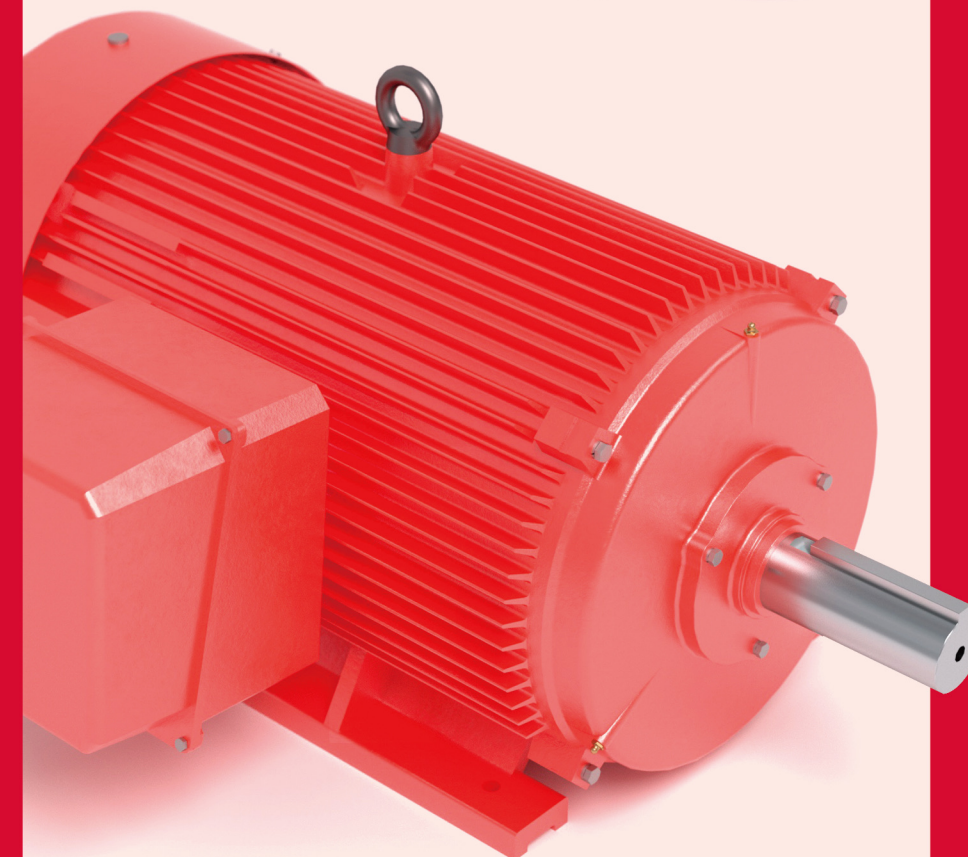
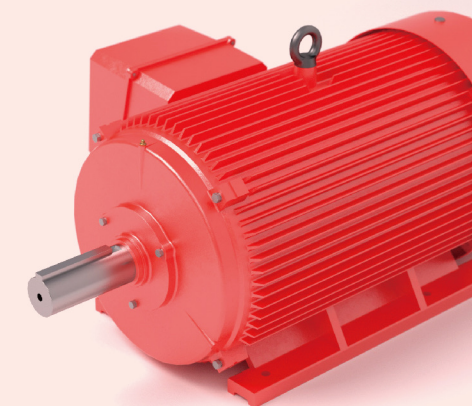
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SUNVIM

BEYOND ROTATION
SUNVIM
ENGINEERED FOR EFFICIENCY



NEMA - MOTOR

NEMA PREMIUM 2P													
Rated Output		NEMA Frame	Full Load Speed (r/min)	Full Load Current			Eff 100% FL	Power Factor (cosφ)	Full Load Torque (lbf-ft)	KVA Code	Locked Rotor		BDT (%FL)
HP	kW			In 250V (A)	In 460V (A)	In 575V (A)					LRA 250V (A)	LRT (%FL)	
1	0.75	143T	3490	3.1	1.6	1.3	77.0	0.78	2.78	N	22	2.3	2.3
1.5	1.1	143T	3490	4.1	2.1	1.6	84.0	0.80	4.08	M	30	2.2	2.3
2	1.5	145T	3490	5.5	2.8	2.2	85.5	0.80	5.56	N	42	2.2	2.3
3	2.2	182T	3490	7.5	3.8	3.0	86.5	0.85	8.16	M	57	2.2	2.3
5	3.7	184T	3490	11.9	6.0	4.8	88.5	0.88	13.73	M	93	2.2	2.3
7.5	5.5	213T	3500	18.6	9.3	7.4	89.5	0.83	20.35	M	154	2.2	2.3
10	7.5	215T	3505	24.8	12.4	9.9	90.2	0.84	27.71	M	206	2.0	2.3
15	11	254T	3505	35.3	17.6	14.1	91.0	0.86	40.64	M	279	2.0	2.3
20	15	256T	3520	48.1	24.1	19.2	91.0	0.86	55.18	M	390	2.0	2.3
25	18.5	284TS	3520	58.2	29.1	23.3	91.7	0.87	68.05	M	471	2.0	2.3
30	22	286TS	3520	69.2	34.6	27.7	91.7	0.87	80.92	M	567	2.0	2.3
40	30	324TS	3530	93.7	46.8	37.5	92.4	0.87	110.04	M	768	2.0	2.3
50	37	326TS	3540	114	56.7	45.4	93.0	0.88	135.33	L	863	2.0	2.3
60	45	364TS	3540	137	68.6	54.9	93.6	0.88	164.59	L	1042	2.0	2.3
75	55	365TS	3565	168	83.8	67.0	93.6	0.88	199.76	L	1291	2.0	2.3
100	75	405TS	3565	225	112	89.9	94.1	0.89	272.40	L	1731	2.0	2.3
125	90	444TS	3570	267	134	107	95.0	0.89	326.42	K	1897	1.8	2.3
150	110	445TS	3570	327	163	131	95.0	0.89	398.95	K	2319	1.8	2.3
200	150	447TS	3575	439	219	175	95.4	0.90	543.27	K	3114	1.8	2.3
250	185	449TS	3575	533	266	213	95.8	0.91	670.03	K	3782	1.8	2.3

NEMA PREMIUM 4P													
Rated Output		NEMA Frame	Full Load Speed (r/min)	Full Load Current			Eff 100% FL	Power Factor (cosφ)	Full Load Torque (lbf-ft)	KVA Code	Locked Rotor		BDT (%FL)
HP	kW			In 230V (A)	In 460V (A)	In 575V (A)					LRA 230V (A)	LRT (%FL)	
1	0.75	143T	1715	3.4	1.7	1.3	83.5	0.67	5.66	N	22	2.3	2.3
1.5	1.1	143T	1720	4.4	2.2	1.7	86.5	0.73	8.28	M	30	2.3	2.3
2	1.5	145T	1720	6.0	3.0	2.4	86.5	0.73	11.29	M	42	2.3	2.3
3	2.2	182T	1740	8.0	4.0	3.2	89.5	0.77	16.37	M	61	2.3	2.3
5	3.7	184T	1740	12.5	6.3	5.0	89.5	0.85	27.53	M	95	2.3	2.3
7.5	5.5	213T	1745	18.1	9.1	7.3	91.7	0.83	40.81	M	141	2.2	2.3
10	7.5	215T	1750	24.4	12.2	9.8	91.7	0.84	55.49	M	193	2.0	2.3
15	11	254T	1750	35.6	17.8	14.2	92.4	0.84	81.39	L	267	2.0	2.3
20	15	256T	1765	47.6	23.8	19.1	93.0	0.85	110.04	L	367	2.2	2.3
25	18.5	284T	1765	58.4	29.2	23.3	93.6	0.85	135.71	L	456	2.2	2.3
30	22	286T	1770	69.4	34.7	27.8	93.6	0.85	160.93	L	541	2.0	2.3
40	30	324T	1770	94.2	47.1	37.7	94.1	0.85	219.46	L	735	2.0	2.3
50	37	326T	1770	116	57.8	46.3	94.5	0.85	270.66	L	844	2.0	2.3
60	45	364T	1775	138	69.1	55.3	95.0	0.86	328.26	L	1023	2.0	2.3
75	55	365T	1775	168	84.1	67.3	95.4	0.86	401.20	L	1245	2.0	2.3
100	75	405T	1780	230	115	91.8	95.4	0.86	545.56	L	1698	2.2	2.3
125	90	444T	1780	275	138	110	95.4	0.86	654.67	K	1900	2.0	2.3
150	110	445T	1785	331	166	133	95.8	0.87	797.91	K	2286	2.0	2.3
200	150	447T	1785	450	225	180	96.2	0.87	1088.06	K	3149	2.0	2.2
250	185	449T	1785	555	277	222	96.2	0.87	1341.94	K	3884	2.0	2.2
300	220	449T	1785	660	330	264	96.2	0.87	1595.82	K	4685	2.0	2.2

NEMA PREMIUM 6P													
Rated Output		NEMA Frame	Full Load Speed (r/min)	Full Load Current			Eff 100% FL	Power Factor (cosφ)	Full Load Torque (lbf-ft)	KVA Code	Locked Rotor		BDT (%FL)
HP	kW			In 230V (A)	In 460V (A)	In 575V (A)					LRA 230V (A)	LRT (%FL)	
1	0.75	145T	1115	3.5	1.8	1.4	82.5	0.65	8.71	N	21	2.0	2.1
1.5	1.1	182T	1115	4.6	2.3	1.9	87.5	0.68	12.77	M	28	2.0	2.1
2	1.5	184T	1140	6.1	3.0	2.4	88.5	0.70	17.04	M	40	2.0	2.1
3	2.2	213T	1150	8.8	4.4	3.5	89.5	0.70	24.77	M	58	2.0	2.1
5	3.7	215T	1165	14.4	7.2	5.8	89.5	0.72	41.12	M	98	2.0	2.1
7.5	5.5	254T	1165	20.8	10.4	8.3	91.0	0.73	61.13	M	141	2.0	2.1
10	7.5	256T	1165	28.3	14.2	11.3	91.0	0.73	83.36	M	198	2.0	2.1
15	11	284T	1170	40.2	20.1	16.1	91.7	0.75	121.73	M	281	2.0	2.1
20	15	286T	1170	54.0	27.0	21.6	91.7	0.76	166.00	M	389	2.0	2.1
25	18.5	324T	1175	65.7	32.9	26.3	93.0	0.76	203.86	M	480	2.0	2.1
30	22	326T	1175	76.1	38.1	30.5	93.0	0.78	242.43	M	556	2.0	2.1
40	30	364T	1175	100	50.0	40.0	94.1	0.80	330.58	L	740	2.0	2.1
50	37	365T	1175	123	61.7	49.4	94.1	0.80	407.72	L	851	2.0	2.1
60	45	404T	1175	144	72.0	57.6	94.5	0.83	495.88	L	1022	2.0	2.1
75	55	405T	1175	176	88.0	70.4	94.5	0.83	606.07	L	1285	2.0	2.0
100	75	444T	1175	239	119	95.5	95.0	0.83	826.46	L	1743	2.0	2.0
125	90	445T	1180	287	143	115	95.0	0.83	987.55	K	1891	2.0	2.0
150	110	447T	1180	347	174	139	95.8	0.83	1207.01	K	2327	2.0	2.0
200	150	449T	1180	474	237	189	95.8	0.83	1645.92	K	3173	2.0	2.0
250	185	449T	1180	561	281	225	98.5	0.84	2029.97	K	3817	2.0	2.0
300	220	449T	1180	686	343	275	95.8	0.84	2414.01	K	4667	1.8	2.0
350	260	449T	1180	811	406	324	95.8	0.84	2852.92	K	5515	1.8	2.0

Frame	C-Face						D-Face						
	AJ	AK	BB	BC	BD	BF	AJ	AK	BB	BC	BD	BE	BF
143-145T	5.875	4.5	0.16	0.12	6.5	4*3/8-16	10	9	0.25	0	11	0.5	4*0.53
182-184T	7.25	8.5	0.25		0.25	9							
213-215T				8.95		12.5	11	14	0.75	4*0.81			
254-256T				10									
284-286T/TS	9	10.5	0.25	0.25	11.25	4*5/8-11	16	14	0.25	0	18	1	8*0.81
324-326T/TS	11	12.5			14								
364-365T/TS					15.5	8*5/8-11	20	18					
404-405T/TS													
444-4905T/TS	14	16			18								



SUNVIM

NEMA
Premium

UL
E523831

Figure 3 D-Face ,Foot Mounted

