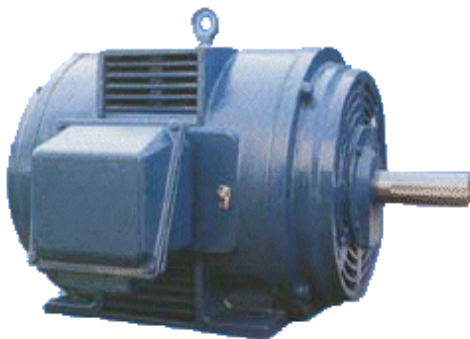


## Open Drip Proof Electric Motors



- High efficiency in accordance with EPACT
- F class insulation
- IP23
- Frame 284T to 588UZ ( 25HP to 500HP )
- With or without base
- NEMA standard B design, C design is available at request

- Service factor 1.15 continuous running
- 460V, 575V, 230V/460V @ 60HZ
- Cast iron frame
- F1/F2 available
- High quality bearing with low friction and low noise
- CSA and CE labeled



## TECHNICAL DATA

Model	Frame	Horse-power	Speed RPM	Current 460v		Code	Efficiency %			Power Factor			Torque %		Weight kg
				Full Load A	Full Rotor A		Full Load	3/4 Load	1/2 Load	Full Load	3/4 Load	1/2 Load	Lock-ed	Break-down	
AO284/25-2P	284TS	25	3530	28.5	182.5	G	91.0	90.1	89.5	0.89	0.87	0.80	130	200	165
AO284/25-4P	284T		1769	28.6		G	91.7	91.2	90.5	0.88	0.84	0.74	150	200	190
AO324/25-6P	324T		1180	29.6		G	91.7	91.0	90.3	0.85	0.83	0.75	135	200	250
AO286/30-2P	286TS	30	3535	34.2	217.5	G	91.0	90.5	89.7	0.89	0.86	0.79	130	200	180
AO286/30-4P	286T		1767	33.7		G	92.4	92.0	91.0	0.89	0.84	0.78	150	200	205
AO326/30-6P	326T		1185	35.3		G	92.4	92.4	91.2	0.85	0.83	0.76	135	200	300
AO324/40-2P	324TS	40	3540	45.2	290	G	91.7	91.4	90.3	0.89	0.86	0.79	125	200	250
AO325/40-4P	324T		1775	45.1		G	93.0	92.7	91.2	0.88	0.85	0.77	140	200	270
AO364/40-6P	364T		1185	46.7		G	93.0	93.0	92.3	0.85	0.83	0.75	135	200	365
AO326/50-2P	326TS	50	3550	56.8	362.5	G	92.4	92.0	91.0	0.88	0.87	0.82	120	200	270
AO326/50-4P	326T		1775	56.4		G	93.0	93.0	92.3	0.88	0.85	0.77	140	200	310
AO365/50-6P	365T		1185	58.4		G	93.0	92.8	92.1	0.85	0.83	0.76	135	200	395
AO364/60-2P	364TS	60	3555	66.9	435	G	93.0	93.0	92.3	0.89	0.87	0.80	120	200	330
AO364/60-4P	364T		1775	67.2		G	93.6	93.3	92.8	0.88	0.84	0.78	140	200	350
AO404/60-6P	404T		1182	69.6		G	93.6	92.5	91.8	0.85	0.82	0.75	135	200	550
AO365/75-2P	365TS	75	3550	82.7	542.5	G	93.0	92.8	92.0	0.90	0.88	0.82	105	200	360
AO365/75-4P	365T		1778	82.6		G	94.1	93.6	92.8	0.89	0.86	0.80	140	200	380
AO405/75-6P	405T		1185	87.0		G	93.6	93.0	92.5	0.85	0.82	0.76	135	200	585
AO405/100-2P	405TS	100	3555	110.3	725	G	93.0	92.7	92.0	0.90	0.88	0.82	105	200	555
AO405/100-4P	405T		1775	111.5		G	94.1	93.5	92.8	0.88	0.85	0.80	125	200	605
AO444/100-6P	444T		1185	115.4		G	94.1	93.3	92.5	0.85	0.83	0.78	125	200	725
AO444/125-2P	444TS	125	3560	136.9	907.5	G	93.6	93.0	92.0	0.90	0.88	0.81	100	200	695
AO444/125-4P	444T		1778	137.2		G	94.5	94.0	93.2	0.89	0.87	0.80	110	200	725
AO445/125-6P	445T		1182	142.6		G	94.1	93.6	92.6	0.86	0.83	0.79	125	200	800
AO445/150-2P	445TS	150	3560	164.3	1085	G	93.6	92.8	91.8	0.90	0.87	0.82	100	200	790
AO445/150-4P	445T		1780	163.7		G	95.0	95.0	93.9	0.89	0.87	0.81	110	200	830
AO505/150-6P	505UZ		1186	170.3		G	94.5	93.8	93.2	0.86	0.84	0.80	120	200	950
AO505/200-2P	505US	200	3565	217.0	1450	G	94.5	93.0	92.5	0.90	0.88	0.82	100	200	920
AO505/200-4P	505UZ		1780	218.3		G	95.0	94.5	93.8	0.89	0.87	0.80	100	200	980
AO506/200-6P	506UZ		1185	224.5		G	94.5	94.0	93.4	0.87	0.85	0.81	120	200	1060
AO505/250-2P	505US	250	3565	271.3	1825	G	94.5	94.2	93.5	0.90	0.89	0.83	70	175	1030
AO505/250-4P	505UZ		1780	274.8		G	95.4	94.8	94.5	0.88	0.87	0.82	80	175	1060
AO506/250-6P	506UZ		1185	278.0		G	95.4	94.2	93.8	0.87	0.86	0.80	100	175	1200
AO506/300-2P	506US	300	3560	323.8	2200	G	95.0	94.0	93.5	0.90	0.88	0.82	70	175	1200
AO506/300-4P	506UZ		1780	329.8		G	95.4	94.5	94.0	0.88	0.87	0.82	80	175	1230
AO587/300-6P	587UZ		1180	329.8		G	95.4	94.2	93.8	0.88	0.86	0.82	100	175	1400
AO587/350-2P	587US	350	3555	386.4	2550	G	95.0	94.2	93.5	0.88	0.86	0.83	70	175	1350
AO587/350-4P	587UZ		1778	384.8		G	95.4	94.6	93.1	0.88	0.86	0.82	80	175	1400
AO588/350-6P	588UZ		1175	384.8		G	95.4	94.0	93.6	0.88	0.84	0.80	100	175	1600
AO587/400-2P	587US	400	3555	434.8	2900	G	95.4	94.3	93.1	0.89	0.88	0.83	70	175	1400
AO587/400-4P	587UZ		1775	434.8		G	95.4	94.5	93.6	0.89	0.87	0.82	80	175	1450
AO587/450-2P	587US	450	3560	487.1	3250	G	95.8	94.6	93.5	0.89	0.88	0.83	70	175	1450
AO587/450-4P	587UZ		1780	487.1		G	95.8	94.8	94.0	0.89	0.87	0.82	80	175	1500
AO588/500-2P	588US	500	3560	541.2	3625	G	95.8	94.8	93.7	0.89	0.88	0.83	70	175	1500
AO588/500-4P	588UZ		1780	541.2		G	95.8	94.8	94.0	0.89	0.87	0.82	80	175	1650

**OWERALL DIMENSION**

Frame	Dimensions in Inches																									
	SHAFT						MOUNTING					A	B	C	G	J	L	M	O	P	T	AA	AB	AC		
	Keyseat			N-W	U	V	E	H	BA	2F	D															
	R	ES	S																							
284TS	1.416	1.91	0.375	3.250	1.625	3.00	5.50	0.530	4.75	9.50	7.00	1.40	1.25	2.350	0.90	2.756	9.50	9.50	1.450	1.410	2.35	1.5	1.110	9.10		
284T	1.591	3.28	0.500	4.600	1.875	4.38				11.00							1.40	2.500							1.025	1.025
286TS	1.416	1.91	0.375	3.250	1.625	3.00				11.00							1.40	2.550							1.025	1.025
286T	1.591	3.28	0.500	4.600	1.875	4.38				11.00							1.40	2.700							1.025	1.025
324TS	1.591	2.03	0.500	3.750	1.875	3.50	6.25	0.660	5.25	10.50	8.00	1.60	1.40	1.00	2.756	2.756	10.50	10.50	1.600	1.563	2.50	2	1.330	10.60		
324T	1.845	3.91	0.500	5.250	2.125	5.00				12.00							1.55	1.125							1.125	
326TS	1.591	2.03	0.500	3.750	1.875	3.50				12.00							1.55	1.125							1.125	
326T	2.021	4.28	0.625	5.880	2.375	5.62				12.00							1.55	1.125							1.125	
364TS	1.591	2.03	0.500	3.750	1.875	3.50	7.00	0.660	5.88	12.25	9.00	1.80	1.52	1.10	2.756	2.756	11.50	11.50	1.825	1.820	2.60	3	1.460	11.85		
364T	2.021	4.28	0.625	5.880	2.375	5.62				12.25							1.62	1.200							1.200	
365TS	1.591	2.03	0.500	3.750	1.875	3.50				12.25							1.62	1.200							1.200	
365T	2.021	4.28	0.625	5.880	2.375	5.62				12.25							1.62	1.200							1.200	
404TS	1.845	2.78	0.500	4.250	2.125	4.00	8.00	0.810	6.62	12.25	10.00	2.00	1.62	1.18	2.756	2.756	12.74	12.74	2.000	1.980	2.60	3	1.690	13.40		
404T	2.450	5.65	0.750	7.250	2.875	7.00				13.75							1.78	1.350							1.350	
405TS	1.845	2.78	0.500	4.250	2.125	4.00				13.75							1.78	1.350							1.350	
405T	2.450	5.65	0.750	7.250	2.875	7.00				13.75							1.78	1.350							1.350	
444TS	2.021	3.03	0.625	4.750	2.375	4.50	9.00	0.810	7.50	14.50	11.00	2.20	1.85	1.38	2.756	2.756	14.75	14.75	2.450	2.340	2.91	3	1.870	15.20		
444T	2.880	6.91	0.875	8.500	3.375	8.25				16.50							2.05	1.575							1.575	
445TS	2.021	3.03	0.625	4.750	2.375	4.50				16.50							2.05	1.575							1.575	
445T	2.880	6.91	0.875	8.500	3.375	8.25				16.50							2.05	1.575							1.575	
505US	2.450	4.00	0.750	4.750	2.875	4.50	10.00	0.940	8.50	18.00	12.25	2.55	2.25	1.50	2.756	2.756	17.50	17.50	2.800	2.600	4.25	4	2.200	17.00		
505UZ	3.309	1.000	1.000	11.625	3.875	11.38				20.00							2.45	1.850							1.850	
506US	2.45	4.00	0.750	4.750	2.875	4.50				20.00							2.45	1.850							1.850	
506UZ	3.309	1.000	1.000	11.625	3.875	11.38				20.00							2.45	1.850							1.850	
587US	2.450	4.00	0.750	4.750	2.875	4.50	11.50	1.125	10.00	25.00	14.50	2.80	2.95	1.57	2.756	2.756	22.50	22.50	3.000	2.800	4.25	4	2.300	18.00		
587UZ	3.309	1.000	1.000	11.625	3.875	11.38				28.00							3.25	2.400							2.400	
588US	3.450	4.00	0.750	4.750	2.875	4.50				28.00							3.25	2.400							2.400	
588UZ	3.309	1.000	1.000	11.625	3.875	11.38				28.00							3.25	2.400							2.400	

- Note: 1. Tolerance on dimension D +0.000 inch. When exact dimension is required, skims may be necessary.  
 2. Tolerance on shaft diameter U+0.000 inch,-0.001 inch for Frames 284-587.  
 3. Dimension V represents length of straight part of shaft.  
 4. Junction box can be located on either right or side of the motor.

