

NEMA 48&56 AC Motor



Three Phase NEMA AC Motors-TEFC

General Specification	
Phase	Three Phase
Enclosure Type	TEFC
Frequency	50/60Hz
Mounting	Rigid
Ambient Temp	40C
Duty	Continuous
Frame Options	48, 56C
Bearing	Double Shield Bearings



Technical Data

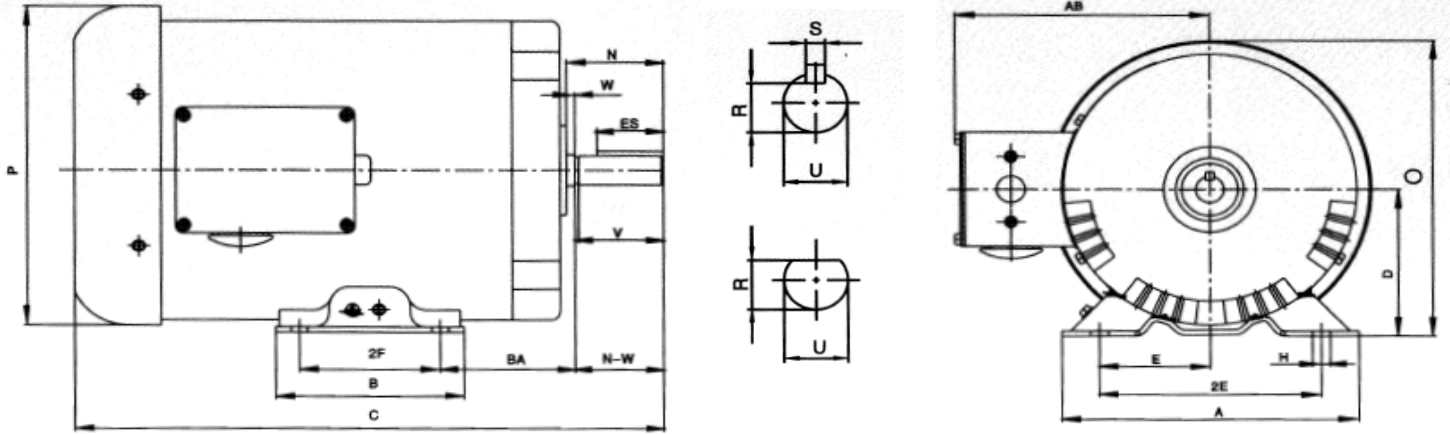
Power (HP)	Part No.	Frame Size	Speed RPM	Voltage V	Power Factor	F.L.A A	Efficiency %	Insulation Class
1/4	AN48TF025-872	48	3250	230/460	0.6	1.11/0.55	68	F
	AN48TF025-874	48	1725	230/460	0.6	1.25/0.63	60.2	F
1/3	AN48TF033-872	48	3250	230/460	0.76	1.15/0.57	72	F
	AN48TF033-874	48	1725	230/460	0.71	1.32/0.66	67	F
	AN56CTF033-872	56C	3450	230/460	0.75	1.16/0.58	72	F
	AN56CTF033-874	56C	1730	230/460	0.68	1.38/0.69	67	F
1/2	AN48TF050-872	48	3250	230/460	0.8	1.53/0.76	74	F
	AN48TF050-874	48	1725	230/460	0.78	1.7/0.85	70	F
	AN56CTF050-872	56C	3450	230/460	0.76	1.61/0.83	74	F
	AN56CTF050-874	56C	1730	230/460	0.72	1.84/0.92	70	F
3/4	AN56CTF075-872	56C	3450	230/460	0.79	2.34/1.17	76	F
	AN56CTF075-874	56C	1730	230/460	0.74	2.57/1.28	74	F
1	AN56CTF100-874	56C	1730	230/460	0.74	3.08/1.54	82.5	F
1 1/2	AN56CTF150-874	56C	1730	230/460	0.76	4.33/2.16	84	F
2	AN56CTF200-874	56C	1730	230/460	0.77	5.82/2.91	84	F

Note:

1. Motors are designed with a 1.00, 1.15 or 1.25 service factor, depending on the rating and frame size, for overload conditions.
2. Special shaft and mounting can be customized to customer's requirement.



Outline Drawing



Nema Frame Size	AB	BA	MA	MA	C	D	E	2F	H	N	N-W	O	P	R	S	U	MIN V	MIN ES	MIN AA
48	5.3	2.5	6	3.8	10	3	2.2	2.75	0.34	1.62	1.5	5.83	5.66	0.45		0.50	1.13		1/2
56	5.6	2.75	6.5	4.2	11.4	3.5	2.44	3.00	0.34	2.4	1.88	6.7	6.45	0.517	0.188	0.625	1.5	1.41	1/2

