

Performance You Can Trust
أداء يمكنك الوثوق به

INDUCTION MOTOR



Applications

- Induction motor is used for multi-purpose such as:
- Industrial shipping.
- Domestic and agriculture.
- Machinery equipment.

Motor Details

- 2 & 4 Pole Induction Motor.
- Rated Speed : 1400 & 2900 RPM
- Center Height : 80-355 MM
- Power : 0.75 kW to 315 kW
- Rated Voltage :
220-240V for Single Phase
380-420V for Three Phase
- Rated Frequency : 50Hz
- Insulation Class : B & F
- Protection Class : IP54 and IP55
(IP56 are available on request)
- Duty : S1
- Mounting Type : B3 Frame with feet and end-shield
- Motor IE2 for Optimum efficiency.
(IE3 are available on request)

Motor Feature

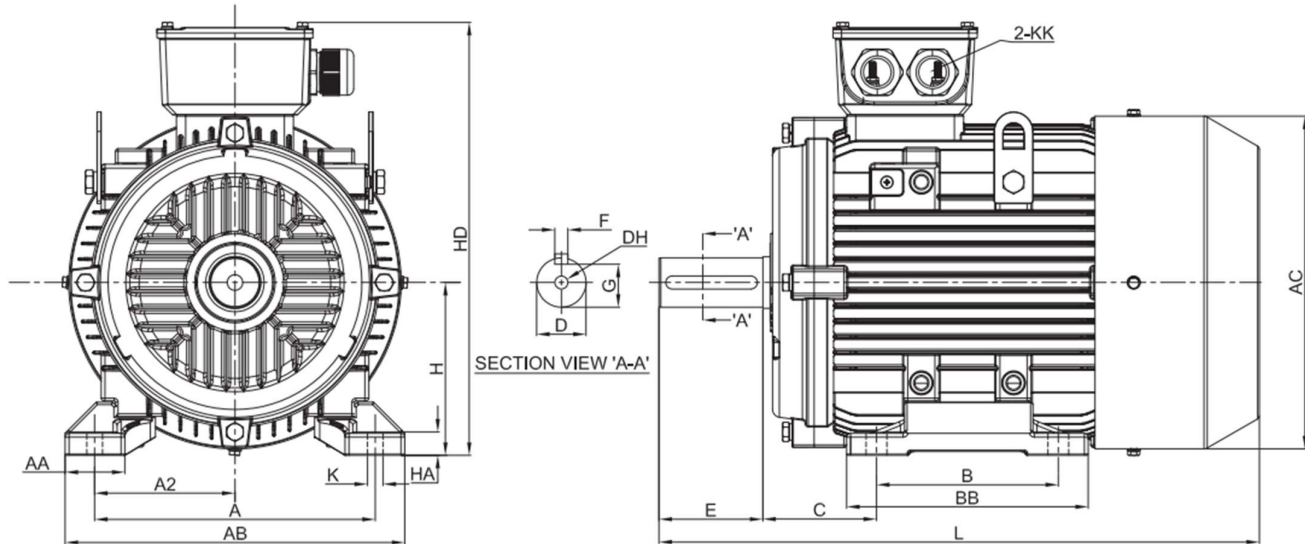
- High Capacity, Strong starting torque, high power factor and high power efficiency, safety and reliability in running. Simple structure easy maintenance and easy installation. It posses frame No. and capacity as three phase asynchronous motors. This motors are of totally enclosed fan-cooled structure and IC411 method of cooling. The mounting dimensions of the motors are all in conformity with ICE standards. Motors are suitable for machines and equipments such as full load start.

Motor selection chart

Model	Power		Voltage	Rated Speed (RPM)
	HP	kW		
TIM-1S4	1.0	0.75	220-240 V	1400
TIM-1.5S4	1.5	1.1	220-240 V	1400
TIM-2S4	2.0	1.5	220-240 V	1400
TIM-3S4	3.0	2.2	220-240 V	1400
TIM-4S4	4.0	3.0	220-240 V	1400
TIM-5.5S4	5.5	4.0	220-240 V	1400
TIM-1.5S2	1.5	1.1	220-240 V	2800
TIM-2S2	2.0	1.5	220-240 V	2800
TIM-3S2	3.0	2.0	220-240 V	2800
TIM-4S2	4.0	3.0	220-240 V	2800
TIM-5.5S2	5.5	4.0	220-240 V	2800
TIM-1T2	1.0	0.75	380-420 V	2900
TIM-1.5T2	1.5	1.1	380-420 V	2900
TIM-2T2	2.0	1.5	380-420 V	2900
TIM-3T2	3.0	2.0	380-420 V	2900
TIM-4T2	4.0	3.0	380-420 V	2900
TIM-5.5T2	5.5	4.0	380-420 V	2900
TIM-7.5T2	7.5	5.5	380-420 V	2900
TIM-10T2	10.0	7.5	380-420 V	2900
TIM-15T2	15.0	11.0	380-420 V	2900
TIM-20T2	20.0	15.0	380-420 V	2900
TIM-25T2	25.0	18.5	380-420 V	2900
TIM-30T2	30.0	22.0	380-420 V	2900
TIM-40T2	40.0	30.0	380-420 V	2900
TIM-50T2	50.0	40.0	380-420 V	2900
TIM-60T2	60.0	45.0	380-420 V	2900
TIM-75T2	75.0	55.0	380-420 V	2900
TIM-100T2	100.0	75.0	380-420 V	2900
TIM-120T2	120.0	90.0	380-420 V	2900
TIM-150T2	150.0	110.0	380-420 V	2900

Model	Power		Voltage	Rated Speed (RPM)
	HP	kW		
TIM-180T2	180.0	132.0	380-420 V	2900
TIM-215T2	215.0	160.0	380-420 V	2900
TIM-270T2	270.0	200.0	380-420 V	2900
TIM-335T2	335.0	250.0	380-420 V	2900
TIM-425T2	425.0	315.0	380-420 V	2900
TIM-1T4	1.0	0.75	380-420 V	1450
TIM-1.5T4	1.5	1.1	380-420 V	1450
TIM-2T4	2.0	1.5	380-420 V	1450
TIM-3T4	3.0	2.0	380-420 V	1450
TIM-4T4	4.0	3.0	380-420 V	1450
TIM-5.5T4	5.5	4.0	380-420 V	1450
TIM-7.5T4	7.5	5.5	380-420 V	1450
TIM-10T4	10.0	7.5	380-420 V	1450
TIM-15T4	15.0	11.0	380-420 V	1450
TIM-20T4	20.0	15.0	380-420 V	1450
TIM-25T4	25.0	18.5	380-420 V	1450
TIM-30T4	30.0	22.0	380-420 V	1450
TIM-40T4	40.0	30.0	380-420 V	1450
TIM-50T4	50.0	40.0	380-420 V	1450
TIM-60T4	60.0	45.0	380-420 V	1450
TIM-75T4	75.0	55.0	380-420 V	1450
TIM-100T4	100.0	75.0	380-420 V	1450
TIM-120T4	120.0	90.0	380-420 V	1450
TIM-150T4	150.0	110.0	380-420 V	1450
TIM-180T4	180.0	132.0	380-420 V	1450
TIM-215T4	215.0	160.0	380-420 V	1450
TIM-270T4	270.0	200.0	380-420 V	1450
TIM-335T4	335.0	250.0	380-420 V	1450
TIM-425T4	425.0	315.0	380-420 V	1450

G.A Drawing



Performance curve

Model	A	AA	AB	BB	HA	AC	HD	B	C	D	DH	E	F	G	H FRAME	K	KK		L
																	METRIC	PG	
TIM-1S4	125	35	156	125	9	165	195	100	50	19	M6X16	40	6	15.5	80	12	2-M20X1.5	2-PG16	287
TIM-1.5S4	140	37	175	156	10	175	210	125	56	24	M8X19	50	8	20	90	12	2-M25X1.5	2-PG16	331
TIM-2S4	140	37	175	156	10	175	210	125	56	24	M8X19	50	8	20	90	14	2-M25X1.5	2-PG16	361
TIM-3S4	160	40	200	172	11	180	255	140	63	28	M8X22	60	8	24	100	14	2-M32X1.5	2-PG21	392
TIM-4S4	160	40	200	172	11	200	255	140	63	28	M8X22	60	8	24	100	14	2-M32X1.5	2-PG21	392
TIM-5.5S4	190	50	218	181	15	222	274	140	70	28	M8X22	60	8	24	112	14	2-M32X1.5	2-PG21	406
TIM-1.5S2	125	37	155	125	10	165	195	100	50	19	M8X19	40	6	15.5	80	10	2-M25X1.5	2-PG16	295
TIM-2S2	140	37	175	156	10	180	210	100	56	24	M8X19	50	8	20	90	10	2-M25X1.5	2-PG16	331
TIM-3S2	140	37	175	156	10	180	210	125	56	24	M8X19	50	8	20	90	10	2-M25X1.5	2-PG16	361
TIM-4S2	160	40	200	172	11	200	255	140	63	28	M8X22	60	8	24	100	12	2-M32X1.5	2-PG21	392
TIM-5.5S2	190	50	218	181	15	222	274	140	70	28	M8X22	60	8	24	112	12	2-M32X1.5	2-PG21	406
TIM-1T2	125	35	165	130	9	155	215	100	50	19	M6X16	40	6	15.5	80	10	2-M20X1.5	2-PG16	295
TIM-1.5T2	125	35	165	130	9	155	215	100	50	19	M6X16	40	6	15.5	80	10	2-M20X1.5	2-PG16	295
TIM-2T2	140	37	180	140	10	175	230	100	56	24	M8X19	50	8	20	90	10	2-M25X1.5	2-PG16	315
TIM-3T2	140	37	180	165	10	175	230	125	56	24	M8X19	50	8	20	90	10	2-M25X1.5	2-PG16	345
TIM-4T2	160	40	205	175	14	195	260	140	63	28	M10X22	60	8	24	100	12	2-M32X1.5	2-PG21	384
TIM-5.5T2	190	41	230	181	12	240	290	140	70	28	M10X22	60	8	24	112	12	2-M32X1.5	2-PG21	400
TIM-7.5T2	216	51	260	186	15	259	338	140	89	38	M12X28	80	10	33	132	12	2-M32X1.5	2-PG21	470
TIM-10T2	216	51	260	186	15	259	338	140	89	38	M12X28	80	10	33	132	12	2-M32X1.5	2-PG21	470
TIM-15T2	254	55	320	260	18	315	420	210	108	42	M16X36	110	12	37	160	15	2-M40X1.5	2-PG29	615
TIM-20T2	254	55	320	260	18	315	420	210	108	42	M16X36	110	12	37	160	15	2-M40X1.5	2-PG29	615
TIM-25T2	254	55	320	304	18	315	420	254	108	42	M16X36	110	12	37	160	15	2-M40X1.5	2-PG29	658
TIM-1T4	125	35	156	130	9	155	215	100	50	19	M6X16	40	6	15.5	80	10	2-M20X1.5	2-PG16	287
TIM-1.5T4	140	37	175	140	10	175	230	100	56	24	M8X19	50	8	20	90	10	2-M25X1.5	2-PG16	315
TIM-2T4	140	37	175	165	10	175	230	125	56	24	M8X19	50	8	20	90	10	2-M25X1.5	2-PG16	340
TIM-3T4	160	40	200	175	11	196	260	140	63	28	M10X22	60	8	24	100	12	2-M32X1.5	2-PG21	385
TIM-4T4	160	40	200	175	14	196	260	140	63	28	M10X22	60	8	24	100	12	2-M32X1.5	2-PG21	385
TIM-5.5T4	190	41	230	182	12	220	290	140	70	28	M10X22	60	8	24	112	12	2-M32X1.5	2-PG21	400
TIM-7.5T4	216	51	260	260	15	259	338	140	89	38	M12X28	80	10	33	132	12	2-M32X1.5	2-PG21	470
TIM-10T4	216	51	260	260	15	259	338	178	89	38	M12X28	80	10	33	132	12	2-M32X1.5	2-PG21	510
TIM-15T4	254	55	320	260	18	315	420	210	108	42	M16X36	110	12	37	160	15	2-M40X1.5	2-PG29	615
TIM-20T4	254	55	320	304	18	315	420	254	108	42	M16X36	110	12	37	160	15	2-M40X1.5	2-PG29	660

Model	A	A/2	B	C	D	E	F	G	H FRAME	K	AB	AC	AD	HD	L	DH
TIM-25T4	279	139.5	241	121	48	110	14	42.5	180	15	349	355	280	451	698	M16X36
TIM-30T4	279	139.5	279	121	48	110	14	42.5	180	15	349	355	280	451	734	M16X36
TIM-40T4	318	159	305	133	55	110	16	49	200	19	388	397	305	505	776	M20X42
TIM-50T4	356	178	286	149	60	140	18	53	225	19	431	445	335	550	810	M20X42
TIM-60T4	356	178	311	149	60	140	18	53	225	19	431	445	335	550	839	M20X42
TIM-75T4	406	203	349	168	65	140	18	58	250	24	484	484	370	613	925	M20X42
TIM-100T4	457	228.5	368	190	75	140	20	67.5	280	24	542	546	410	670	991	M20X42
TIM-120T4	457	228.5	419	190	75	140	20	67.5	280	24	542	546	410	670	1046	M20X42
TIM-150T4	508	254	406	216	80	170	22	71	315	28	628	620	530	855	1220	M20X42
TIM-180T4	508	254	457	216	80	170	22	71	315	28	628	620	530	855	1325	M20X42
TIM-215T4	508	254	508	216	80	170	22	71	315	28	628	620	530	855	1325	M20X42
TIM-270T4	508	254	508	216	80	170	22	71	315	28	628	620	530	855	1325	M20X42
TIM-335T4	610	305	560	254	95	170	25	86	355	28	726	700	655	1002	1514	M20X42
TIM-425T4	610	305	630	254	95	170	25	86	355	28	726	700	655	1002	1514	M20X42
TIM-30T2	279	139.5	279	121	48	110	14	42.5	180	15	349	355	280	451	734	M20X42
TIM-40T2	318	159	305	133	55	110	16	49	200	19	388	397	305	505	776	M20X42
TIM-50T2	356	178	286	149	60	140	18	53	225	19	431	445	335	550	810	M20X42
TIM-60T2	356	178	311	149	55	110	16	49	225	19	431	445	335	550	809	M20X42
TIM-75T2	406	203	349	168	60	140	18	53	250	24	484	484	370	613	925	M20X42
TIM-100T2	457	228.5	368	190	65	140	18	58	280	24	542	546	410	670	991	M20X42
TIM-120T2	457	228.5	419	190	65	140	18	58	280	24	542	546	410	670	1046	M20X42
TIM-150T2	508	254	406	216	65	140	18	58	315	28	628	620	530	855	1185	M20X42
TIM-180T2	508	254	457	216	65	140	18	58	315	28	628	620	530	855	1290	M20X42
TIM-215T2	508	254	508	216	65	140	18	58	315	28	628	620	530	855	1290	M20X42
TIM-270T2	508	254	508	216	65	140	18	58	315	28	628	620	530	855	1290	M20X42
TIM-335T2	610	305	560	254	75	140	20	67.5	355	28	726	700	655	1002	1484	M20X42
TIM-425T2	610	305	630	254	75	140	20	67.5	355	28	726	700	655	1002	1484	M20X42

Applications

- Induction motor is used for multi-purpose such as:
- Industrial shipping.
- Domestic and agriculture.
- Machinery equipment.

Motor Details

- 2 & 4 Pole Induction Motor.
- Rated Speed : 1400 & 2900 RPM
- Center Height : 80-132 MM
- Power : 0.75 kW to 7.5 kW
- Rated Voltage :
220-240V for Single Phase
380-420V for Three Phase
- Rated Frequency : 50Hz
- Insulation Class : B & F
- Protection Class : IP54 and IP55
(IP56 are available on request)
- Duty : S1
- Mounting Type : B35 Frame with feet and end-shield
- Motor IE2 for Optimum efficiency.
(IE3 are available on request)

Motor Feature

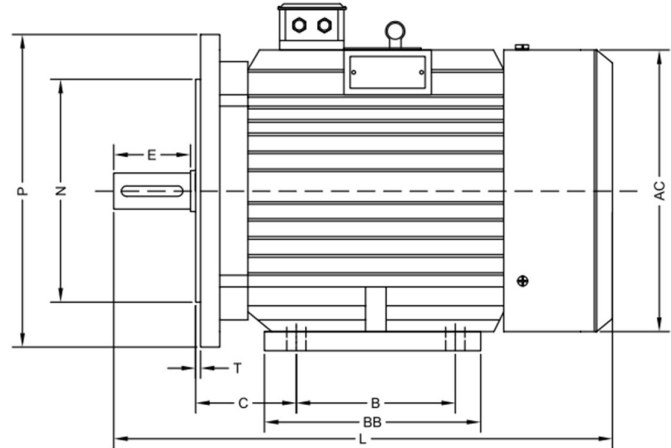
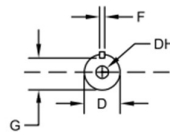
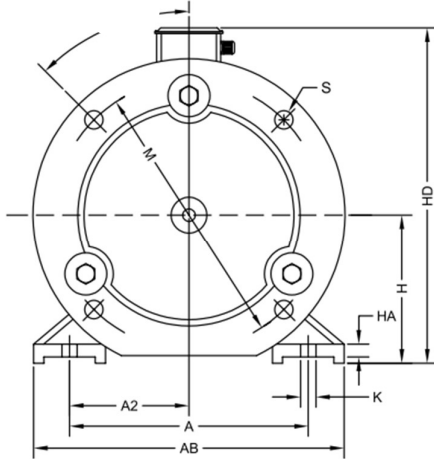
- High Capacity, Strong starting torque, high power factor and high power efficiency, safety and reliability in running. Simple structure easy maintenance and easy installation. It posses frame No. and capacity as three phase asynchronous motors. This motors are of totally enclosed fan-cooled structure and IC411 method of cooling. The mounting dimensions of the motors are all in conformity with ICE standards. Motors are suitable for machines and equipments such as full load start.

Motor selection chart

Model	Power		Voltage	Rated Speed (RPM)
	HP	kW		
TIM-1T4-B35	1.0	0.75	380-420 V	1400
TIM-1.5T4-B35	1.5	1.1	380-420 V	1400
TIM-2T4-B35	2.0	1.5	380-420 V	1400
TIM-3T4-B35	3.0	2.2	380-420 V	1400
TIM-4T4-B35	4.0	3.0	380-420 V	1400
TIM-5.5T4-B35	5.5	4.0	380-420 V	1400
TIM-7.5T4-B35	7.5	5.5	380-420 V	1400
TIM-10T4-B35	10.0	7.5	380-420 V	1400
TIM-1T2-B35	1.0	0.75	380-420 V	2900
TIM-1.5T2-B35	1.5	1.1	380-420 V	2900
TIM-2T2-B35	2.0	1.5	380-420 V	2900
TIM-3T2-B35	3.0	2.2	380-420 V	2900
TIM-4T2-B35	4.0	3.0	380-420 V	2900
TIM-5.5T2-B35	5.5	4.0	380-420 V	2900
TIM-7.5T2-B35	7.5	5.5	380-420 V	2900
TIM-10T2-B35	10.0	7.5	380-420 V	2900

Model	Power		Voltage	Rated Speed (RPM)
	HP	kW		
TIM-1S4-B35	1.0	0.75	220-240 V	1450
TIM-1.5S4-B35	1.5	1.1	220-240 V	1450
TIM-2S4-B35	2.0	1.5	220-240 V	1450
TIM-3S4-B35	3.0	2.0	220-240 V	1450
TIM-4S4-B35	4.0	3.0	220-240 V	1450
TIM-5.5S4-B35	5.5	4.0	220-240 V	1450
TIM-1S2-B35	1.0	0.75	220-240 V	2900
TIM-1.5S2-B35	1.5	1.1	220-240 V	2900
TIM-2S2-B35	2.0	1.5	220-240 V	2900
TIM-3S2-B35	3.0	2.0	220-240 V	2900
TIM-4S2-B35	4.0	3.0	220-240 V	2900
TIM-5.5S2-B35	5.5	4.0	220-240 V	2900

G.A Drawing



Model	DIMENSION IN MM																					
	A	A2	B	BB	HA	C	D	DH	E	F	G	H	K	M	N	P	S	T	AB	AC	HD	L
TIM-1S4-B35	125	63	100	125	9	50	19	M6X16	40	6	15.5	80	12	165	130	200	12	3.5	156	165	195	287
TIM-1.5S4-B35	140	70	100	156	10	56	24	M8X19	50	8	20	90	12	165	130	200	12	3.5	175	175	210	331
TIM-2S4-B35	140	70	125	156	10	56	24	M8X19	50	8	20	90	14	165	130	200	12	3.5	175	175	210	361
TIM-3S4-B35	160	80	140	172	11	63	28	M8X22	60	8	24	100	14	215	180	250	13.5	4.0	200	180	255	392
TIM-4S4-B35	160	80	140	172	11	63	28	M8X22	60	8	24	100	14	215	180	250	13.5	4.0	200	200	255	392
TIM-5.5S4-B35	190	95	140	181	15	70	28	M8X22	60	8	24	112	14	215	180	250	15	4.0	218	222	274	406
TIM-1S2-B35	125	63	100	125	9	50	19	M6X16	40	6	15.5	80	12	165	130	200	12	3.5	155	165	195	295
TIM-1.5S2-B35	125	63	100	125	10	50	19	M8X19	40	6	15.5	80	12	165	130	200	12	3.5	155	165	195	295
TIM-2S2-B35	140	70	100	156	10	56	24	M8X19	50	8	20	90	12	165	130	200	12	3.5	175	180	210	331
TIM-3S2-B35	140	70	125	156	10	56	24	M8X19	50	8	20	90	12	165	130	200	12	3.5	175	180	210	361
TIM-4S2-B35	160	80	140	172	11	63	28	M8X22	60	8	24	100	14	215	180	250	13.5	4.0	200	200	255	392
TIM-5.5S2-B35	190	95	140	181	15	70	28	M8X22	60	8	24	112	14	215	180	250	13.5	4.0	218	222	274	406
TIM-1T4-B35	125	63	100	130	9	50	19	M6X16	40	6	15.5	80	10	165	130	200	12	3.5	165	155	215	287
TIM-1.5T4-B35	140	70	100	140	10	56	24	M8X19	50	8	20	90	10	165	130	200	12	3.5	175	175	230	315
TIM-2T4-B35	140	70	125	165	10	56	24	M8X19	50	8	20	90	10	165	130	200	12	3.5	175	175	230	345
TIM-3T4-B35	160	80	140	175	11	63	28	M10X22	60	8	24	100	12	215	180	250	14.5	4	200	196	260	385
TIM-4T4-B35	160	80	140	175	11	63	28	M10X22	60	8	24	100	12	215	180	250	14.5	4	200	196	260	385
TIM-5.5T4-B35	190	95	140	182	14	70	28	M10X22	60	8	24	112	12	215	180	250	14.5	4	230	220	290	400
TIM-7.5T4-B35	216	108	140	260	15	89	38	M12X28	80	10	33	132	12	265	230	300	14.5	4	270	259	338	470
TIM-10T4-B35	216	108	178	260	15	89	38	M12X28	80	10	33	132	12	265	230	300	14.5	4	270	259	338	510
TIM-1T2-B35	125	62.5	100	130	9	50	19	M6X16	40	6	15.5	80	10	165	130	200	12	3.5	165	155	215	295
TIM-1.5T2-B35	125	62.5	100	130	9	50	19	M6X16	40	6	15.5	80	10	165	130	200	12	3.5	165	155	215	295
TIM-2T2-B35	140	70	100	140	10	56	24	M8X19	50	8	20	90	10	165	130	200	12	3.5	180	175	230	315
TIM-3T2-B35	140	70	125	165	10	56	24	M8X19	50	8	20	90	10	165	130	200	12	3.5	180	175	230	345
TIM-4T2-B35	160	80	140	175	10	63	28	M10X22	60	8	24	100	12	215	180	250	14.5	4	205	195	260	384
TIM-5.5T2-B35	190	95	140	181	12	70	28	M10X22	60	8	24	112	12	215	180	250	14.5	4	230	240	290	400
TIM-7.5T2-B35	216	108	140	186	15	89	38	M12X28	80	10	33	132	12	265	230	300	14.5	4	270	275	338	470
TIM-10T2-B35	216	108	140	186	15	89	38	M12X28	80	10	33	132	12	265	230	300	14.5	4	270	275	338	470



DISTRIBUTOR OFFICE MIDDLE EAST

MAJESTIC PRIDE GENERAL TRADING LLC

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