



ELECTRIC MOTORS



ALPHA

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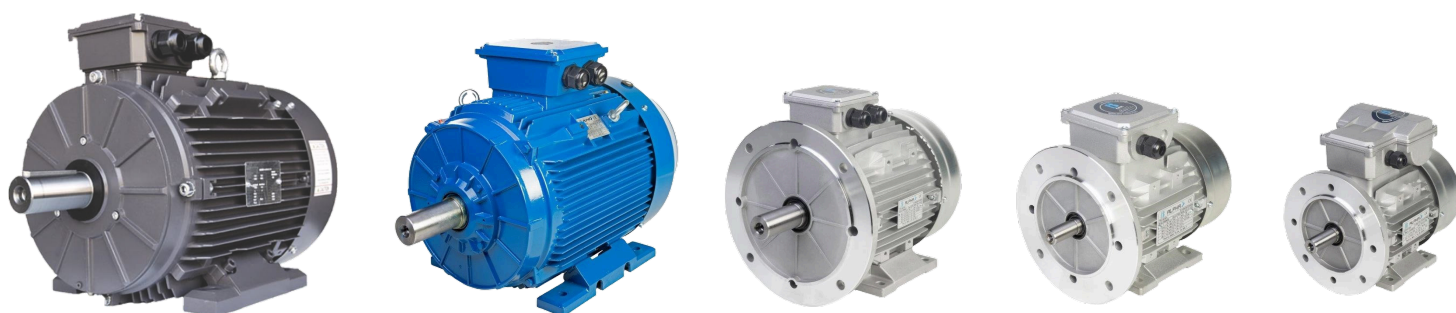
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About TECHTOP:

Shanghai Top Motor Co., Ltd. is a specialized manufacturer of high-efficiency, energy-saving industrial and commercial motors. Our company integrates research, development, production, and sales, with a supply chain that extends to 128 countries worldwide. We operate under ISO14001, ISO45001, and ISO9001 management systems and have obtained NVLAP, CSA, and UL laboratory accreditations. Our products comply with the energy efficiency standards of IEC, NEMA, and GOST, and have received certifications including EE, CSA, UL, CE, CCC, DNV, ABS, BV, NK, CCS, LR, RINA, KR, UKCA, RS, among others.

Our product range spans from 0.04 kW to 650 kW, with options for aluminium, cast iron, roller steel, and stainless steel housings. These motors are suitable for various types of machinery, including gearboxes, fans, compressors, pumps, fire protection pumps, high-temperature fire ventilation equipment, food processing equipment, oilfield equipment, and photovoltaic systems. We operate three manufacturing centers with an annual production capacity of 3 million units, supported by a workforce of 1,500 industrial workers. We warmly welcome suppliers, distributors, and partner factories from around the world to visit us and provide guidance.



IE3 Cast Iron Motors

Specification

Mining: IP66 Class H

IEC 60034

Efficiency as per IEC60034-30-1

Features

VSD Suitable as a standard

Removable feet up to 132 frame

PTC Thermistors from 160 and larger

Regreasable Endshields 225 frame and larger

Motor Colour RAL7042

Range

0.75kW to 630kW

380V to 1000V

2, 4, 6, 8 Pole

B3, B5, B35, B14



Alpha TechTop T3CM Mining

2 Pole / 3000rpm		
kW	Frame	Shaft Ø (mm)
0,75	80	19
1,1	80	19
1,5	90S	24
2,2	90L	24
3	100L	28
4	112M	28
5,5	132S	38
7,5	132S	38
11	160M	42
15	160M	42
18,5	160L	42
22	180M	48
30	200L	55
37	200L	55
45	225M	55
55	250M	60
75	250M	60
90	280M	65
110	280M	65
132	315M	65
160	315L	65
185	315L	70
200	315L	70
220	355M	90
250	355M	90
280	355L	90
315	355L	90
355	355L	90

4 Pole / 1500rpm		
kW	Frame	Shaft Ø (mm)
0,75	80	19
1,1	90S	24
1,5	90L	24
2,2	100L	28
3	100L	28
4	112M	38
5,5	132S	38
7,5	132M	38
11	160M	42
15	160L	42
18,5	180M	48
22	180L	48
30	200L	55
37	225S	55
45	225M	55
55	250M	60
75	250M	60
90	280M	80
110	280M	80
132	315S	85
160	315S	85
185	315L	90
200	315L	90
220	355M	100
250	355M	100
280	355L	100
315	355L	100
355	355L	100

6 Pole / 1000rpm		
kW	Frame	Shaft Ø (mm)
0,75	90S	24
1,1	90L	24
1,5	100L	28
2,2	112M	38
3	132S	38
4	132M	38
5,5	132M	38
7,5	160M	42
11	160L	42
15	180L	48
18,5	200L	55
22	200L	55
30	225M	60
37	250M	70
45	250M	70
55	280M	80
75	280M	80
90	315M	85
110	315L	85
132	315L	85
160	355M	100
185	355M	100
200	355M	100
220	355L	100
250	355L	100
-	-	-
315	355	100
-	-	-

IE1 & IE3 Cast Iron Motors

Specification

IP55 Class F

IEC 60034

Efficiency as per IEC60034-30-1

Range

0.75kW to 630kW

380V to 1000V

2, 4, 6, 8 Pole

B3, B5, B35, B14

Features

VSD Suitable up to 200kW as standard

Removable feet up to 280 frame

PTC Thermistors from 160 and larger

Regreasable Endshields 225 frame and larger

Motor Colour RAL5010



Alpha T1C / T3C Standard

2 Pole / 3000rpm		
kW	Frame	Shaft Ø (mm)
0,75	80	19
1,1	80	19
1,5	90S	24
2,2	90L	24
3	100L	28
4	112M	28
5,5	132S	38
7,5	132S	38
11	160M	42
15	160M	42
18,5	160L	42
22	180M	48
30	200L	55
37	200L	55
45	225M	55
55	250M	60
75	250M	60
90	280M	65
110	280M	65
132	315M	65
160	315L	65
185	315L	70
200	315L	70
220	355M	90
250	355M	90
280	355L	90
315	355L	90
355	355L	90

4 Pole / 1500rpm		
kW	Frame	Shaft Ø (mm)
0,75	80	19
1,1	90S	24
1,5	90L	24
2,2	100L	28
3	100L	28
4	112M	38
5,5	132S	38
7,5	132M	38
11	160M	42
15	160L	42
18,5	180M	48
22	180L	48
30	200L	55
37	225S	55
45	225M	55
55	250M	60
75	250M	60
90	280M	80
110	280M	80
132	315S	85
160	315S	85
185	315L	90
200	315L	90
220	355M	100
250	355M	100
280	355L	100
315	355L	100
355	355L	100

6 Pole / 1000rpm		
kW	Frame	Shaft Ø (mm)
0,75	90S	24
1,1	90L	24
1,5	100L	28
2,2	112M	38
3	132S	38
4	132M	38
5,5	132M	38
7,5	160M	42
11	160L	42
15	180L	48
18,5	200L	55
22	200L	55
30	225M	60
37	250M	70
45	250M	70
55	280M	80
75	280M	80
90	315M	85
110	315L	85
132	315L	85
160	355M	100
185	355M	100
200	355M	100
220	355L	100
250	355L	100
-	-	-
315	355	100
-	-	-

IE3 Aluminium Motors

Specification

IP55 Class F

IEC 60034

Efficiency as per IEC60034-30-1

Features

VSD Suitable

Removable feet

Raw Aluminium frame with zinc plated cowl

Range

0.12kW to 30kW

380V to 690V

2, 4, 6 Pole

B3, B5, B35, B14



Alpha T3A Aluminium

2 Pole / 3000rpm		
kW	Frame	Shaft Ø (mm)
0,75	80	19
1,1	80	19
1,5	90S	24
2,2	90L	24
3	100L	28
4	112M	28
5,5	132S	38
7,5	132S	38
9,2	132M	38
11	160M	42
15	160M	42
18,5	160L	42
22	180M	48
30	200L	55
37	200L	55

4 Pole / 1500rpm		
kW	Frame	Shaft Ø (mm)
0,75	80	19
1,1	90S	24
1,5	90L	24
2,2	100L	28
3	100L	28
4	112M	28
5,5	132S	38
7,5	132M	38
9,2	132M	38
11	160M	42
15	160L	42
18,5	180M	48
22	180L	48
30	200L	55
-	-	-

6 Pole / 1000rpm		
kW	Frame	Shaft Ø (mm)
0,75	90S	24
1,1	90L	24
1,5	100L	28
2,2	112M	28
3	132S	38
4	132M	38
5,5	132M	38
7,5	160M	38
9,2	160L	42
11	160L	42
15	180L	48
18,5	200L	55
22	200L	55
-	-	-
-	-	-

IE1 Aluminium Motors

Specification

IP55 Class F

IEC 60034

Efficiency as per IEC60034-30-1

Features

VSD Suitable

Removable feet

Raw Aluminium frame with zinc plated cowl

Range

0.09kW to 0.55kW

380V to 690V

2, 4, 6 Pole

B3, B5, B35, B14



Alpha MS Aluminium

2 Pole / 3000rpm		
kW	Frame	Shaft Ø (mm)
0,09	56	9
0,12	56	9
0,18	63	11
0,25	63	11
0,37	71	14
0,55	71	14

4 Pole / 1500rpm		
kW	Frame	Shaft Ø (mm)
0,09	56	9
0,12	63	11
0,18	63	11
0,25	71	14
0,37	71	14
0,55	80	19

6 Pole / 1000rpm		
kW	Frame	Shaft Ø (mm)
0,09	63	11
0,12	63	11
0,18	71	14
0,25	71	14
0,37	80	19
0,55	80	19

Single Phase Aluminium Motors

Specification

IP55 Class F

IEC 60034

Efficiency as per IEC60034-30-1

Features

Double Capacitor or Single Capacitor options

Removable feet

Raw Aluminium frame with zinc plated cowl

Range

0.09kW to 4kW

230V 1PH

2, 4, 6 Pole

B3, B5, B35, B14



Alpha MS Aluminium

2 Pole / 3000rpm		
kW	Frame	Shaft Ø (mm)
-	-	-
-	-	-
0,18	63	9
0,25	63	9
0,37	71	11
0,55	71	11
0,75	80	14
1,1	80	14
1,5	90S	19
2,2	90L	19
3	100L	28
3,7	112M	28
4	112M	28

4 Pole / 1500rpm		
kW	Frame	Shaft Ø (mm)
0,09	56	9
0,12	63	11
0,18	63	11
0,25	71	14
0,37	71	14
0,55	80	19
0,75	80	19
1,1	90S	24
1,5	90L	24
2,2	100L	28
3	100L	28
3,7	112M	28
-	-	-

6 Pole / 1000rpm		
kW	Frame	Shaft Ø (mm)
0,09	63	11
0,12	63	11
0,18	71	14
0,25	71	14
0,37	80	19
0,55	80	19
0,75	90S	24
1,1	90L	24
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

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