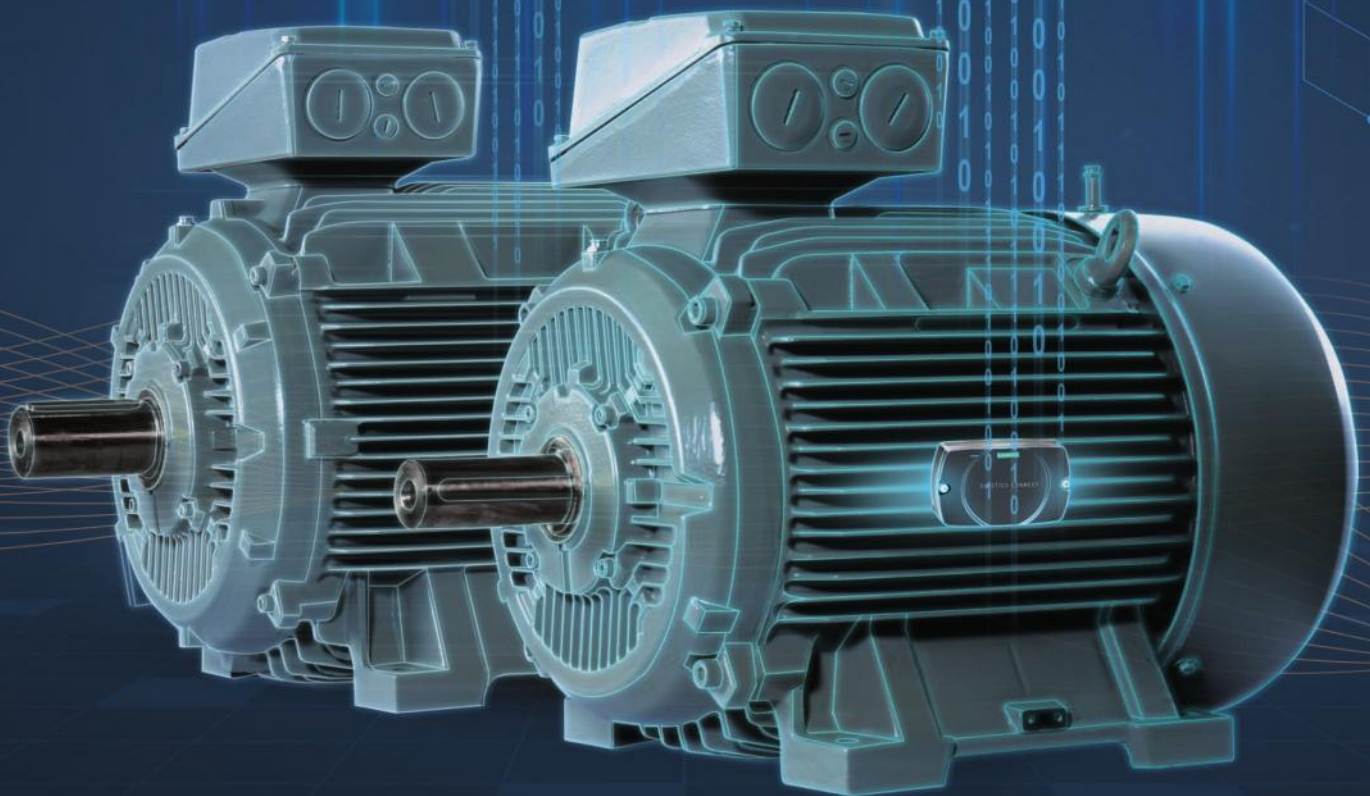


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List Price
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2021

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SIMOTICS-Cast iron series 1LE7 - IE2



Degree of Protection IP55, Insulation Class 'F', Ambient 50°C, Cast Iron housing, Method of Cooling - IC411, 415V ± 10%, 50Hz ± 5%, combined 10%, IMB3 (foot mounted) version as per IS:12615 / IEC:60034-1

2 - Pole 3000 rev/min						
Output		Frame Size	Ordering Code (MLFB)	Unit LP in ₹	●	▲
kW	HP					
240VΔ / 415VY 50Hz ⁺						
0.25	0.35	71	1LE7601-OCA22-3AA4	20,000	●	▲
0.37	0.5	71	1LE7501-OCA22-3AA4	20,000	●	▲
0.55	0.75	71	1LE7501-OCA32-3AA4	22,400	●	▲
0.75	1	80	1LE7501-ODA22-3AA4	23,900	●	▲
1.1	1.5	80	1LE7501-ODA32-3AA4	26,000	●	▲
1.5	2	90S	1LE7501-OEA02-3AA4	31,400	●	▲
415VΔ 50Hz						
2.2	3	90L	1LE7501-OEA43-5AA4	39,900	●	▲
3.7	5	100L	1LE7501-1AA53-5AA4	46,900	●	▲
5.5	7.5	132S	1LE7501-1CA03-5AA4	77,700	●	▲
7.5	10	132S	1LE7501-1CA13-5AA4	81,100	●	▲
11	15	160M	1LE7501-1DA23-5AA4	157,900	●	▲
15	20	160M	1LE7501-1DA33-5AA4	178,300	●	▲
18.5	25	160L	1LE7501-1DA43-5AA4	220,600	●	▲
22	30	180M	1LE7501-1EA23-5AA4	236,800	●	▲
30	40	200L	1LE7501-2AA43-5AA4	357,700	●	▲
37	50	200L	1LE7501-2AA53-5AA4	416,700	●	▲
45	60	225M	1LE7501-2BA23-5AA4	536,000	●	▲

4 - Pole 1500 rev/min						
Output		Frame Size	Ordering Code (MLFB)	Unit LP in ₹	●	▲
kW	HP					
240VΔ / 415VY 50Hz ⁺						
0.18	0.25	71	1LE7601-OCB22-3AA4	20,300	●	▲
0.25	0.35	71	1LE7501-OCB22-3AA4	20,300	●	▲
0.37	0.5	71	1LE7501-OCB32-3AA4	20,900	●	▲
0.55	0.75	80	1LE7501-0DB22-3AA4	24,700	●	▲
0.75	1	80	1LE7501-0DB32-3AA4	26,500	●	▲
1.1	1.5	90S	1LE7501-0EB02-3AA4	31,000	●	▲
1.5	2	90L	1LE7501-0EB42-3AA4	35,400	●	▲
415VΔ 50Hz						
2.2	3	100L	1LE7501-1AB43-5AA4	42,100	●	▲
3.7	5	112M	1LE7501-1BB23-5AA4	55,500	●	▲
5.5	7.5	132S	1LE7501-1CB03-5AA4	73,800	●	▲
7.5	10	132M	1LE7501-1CB23-5AA4	85,900	●	▲
11	15	160M	1LE7501-1DB23-5AA4	151,300	●	▲
15	20	160L	1LE7501-1DB43-5AA4	176,000	●	▲
18.5	25	180M	1LE7501-1EB23-5AA4	228,100	●	▲
22	30	180L	1LE7501-1EB43-5AA4	245,400	●	▲
30	40	200L	1LE7501-2AB53-5AA4	346,900	●	▲
37	50	225S	1LE7501-2BB03-5AA4	425,300	●	▲
45	60	225M	1LE7501-2BB23-5AA4	502,100	●	▲

6 - Pole 1000 rev/min						
Output		Frame Size	Ordering Code (MLFB)	Unit LP in ₹	●	▲
kW	HP					
240VΔ / 415VY 50Hz ⁺						
0.18	0.25	71	1LE7501-OCC22-3AA4	23,800	●	▲
0.25	0.35	71	1LE7501-OCC32-3AA4	24,100	●	▲
0.37	0.5	80	1LE7501-ODC22-3AA4	26,200	●	▲
0.55	0.75	80	1LE7501-ODC32-3AA4	26,700	●	▲
0.75	1	90S	1LE7501-OEC02-3AA4	32,500	●	▲
1.1	1.5	90L	1LE7501-OEC42-3AA4	36,000	●	▲
1.5	2	100L	1LE7501-1AC42-3AA4	45,400	●	▲
415VΔ 50Hz						
2.2	3	112M	1LE7501-1BC23-5AA4	54,100	●	▲
3.7	5	132S	1LE7501-1CC13-5AA4	81,100	●	▲
5.5	7.5	132M	1LE7501-1CC33-5AA4	91,600	●	▲
7.5	10	160M	1LE7501-1DC23-5AA4	145,800	●	▲
11	15	160L	1LE7501-1DC43-5AA4	176,300	●	▲
15	20	180L	1LE7501-1EC43-5AA4	230,200	●	▲
18.5	25	200L	1LE7501-2AC43-5AA4	310,800	●	▲
22	30	200L	1LE7501-2AC53-5AA4	337,500	●	▲
30	40	225M	1LE7501-2BC23-5AA4	501,800	●	▲

+ As industry standard ratings ≤1.5kW are star connected and ratings >1.5kW are delta connected.

All 1LE76 or 1LE77 motors which are delivered on or after 1st July 2021 will not carry CE mark.

CE mark will be stamped on the nameplate only if the motor conforms to the requirements of COMMISSION REGULATION (EU) 2019/1781 of 1st October 2019 and its amendment issued vide COMMISSION REGULATION (EU) 2021/341 of 23rd February 2021 of the European Union.

Click on following symbols provided against respective ordering code for downloading data sheets and general arrangement drawing (GAD).

● Datasheet

▲ GAD

SIMOTICS-Cast iron series 1LE7 - IE2



Degree of Protection IP55, Insulation Class 'F', Ambient 50°C, Cast Iron housing, Method of Cooling - IC411, 415V ± 10%, 50Hz ± 5%, combined 10%, IMB3 (foot mounted) version as per IS:12615 / IEC:60034-1

2 - Pole 3000 rev/min						
Output		Frame Size	Ordering Code (MLFB)	Unit LP in ₹	●	▲
kW	HP					
55	75	250M	1LE7501-2CA23-5AA4	757,500	●	▲
75	100	280S	1LE7501-2DA03-5AA4	1,003,800	●	▲
90	120	280M	1LE7501-2DA23-5AA4	1,142,600	●	▲
110	150	315S	1LE7501-3AA03-5AA4	1,374,700	●	▲
132	180	315M	1LE7501-3AA23-5AA4	1,686,400	●	▲
160	215	315L	1LE7501-3AA43-5AA4	1,851,100	●	▲
200	270	315L	1LE7501-3AA63-5AA4	2,166,300	●	▲

4 - Pole 1500 rev/min						
Output		Frame Size	Ordering Code (MLFB)	Unit LP in ₹	●	▲
kW	HP					
55	75	250M	1LE7501-2CB23-5AA4	718,200	●	▲
75	100	280S	1LE7501-2DB03-5AA4	936,400	●	▲
90	120	280M	1LE7501-2DB23-5AA4	1,067,500	●	▲
110	150	315S	1LE7501-3AB03-5AA4	1,233,700	●	▲
132	180	315M	1LE7501-3AB23-5AA4	1,449,200	●	▲
160	215	315L	1LE7501-3AB43-5AA4	1,699,300	●	▲
200	270	315L	1LE7501-3AB63-5AA4	2,062,900	●	▲

6 - Pole 1000 rev/min						
Output		Frame Size	Ordering Code (MLFB)	Unit LP in ₹	●	▲
kW	HP					
37	50	250M	1LE7501-2CC23-5AA4	707,700	●	▲
45	60	280S	1LE7501-2DC03-5AA4	887,200	●	▲
55	75	280M	1LE7501-2DC23-5AA4	1,008,600	●	▲
75	100	315S	1LE7501-3AC03-5AA4	1,155,700	●	▲
90	120	315M	1LE7501-3AC23-5AA4	1,450,300	●	▲
110	150	315L	1LE7501-3AC43-5AA4	1,617,500	●	▲
132	180	315L	1LE7501-3AC63-5AA4	1,892,200	●	▲

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CE mark will be stamped on the nameplate only if the motor conforms to the requirements of COMMISSION REGULATION (EU) 2019/1781 of 1st October 2019 and its amendment issued vide COMMISSION REGULATION (EU) 2021/341 of 23rd February 2021 of the European Union.

Click on following symbols provided against respective ordering code for downloading data sheets and general arrangement drawing (GAD).

- Datasheet
- ▲ GAD

SIMOTICS-Cast iron series 1LE7 - IE3



Degree of Protection IP55, Insulation Class 'F', Ambient 50°C, Cast Iron housing, Method of Cooling - IC411, 415V ± 10%, 50Hz ± 5%, combined 10%, IMB3 (foot mounted) version as per IS:12615 / IEC:60034-1

2 - Pole 3000 rev/min						
Output		Frame Size	Ordering Code (MLFB)	Unit LP in ₹	●	▲
kW	HP					
240VΔ / 415VY 50Hz*						
0.25	0.35	71	1LE7603-0CA22-3AA4	23,600	●	▲
0.37	0.5	71	1LE7503-0CA22-3AA4	23,600	●	▲
0.55	0.75	71	1LE7503-0CA32-3AA4	26,600	●	▲
0.75	1	80	1LE7503-0DA22-3AA4	28,900	●	▲
1.1	1.5	80	1LE7503-0DA32-3AA4	32,300	●	▲
1.5	2	90S	1LE7503-0EA02-3AA4	35,900	●	▲
415VΔ 50Hz						
2.2	3	90L	1LE7503-0EA43-5AA4	45,600	●	▲
3.7	5	100L	1LE7503-1AA53-5AA4	66,000	●	▲
5.5	7.5	132S	1LE7503-1CA03-5AA4	90,600	●	▲
7.5	10	132S	1LE7503-1CA13-5AA4	99,100	●	▲
11	15	160M	1LE7503-1DA23-5AA4	177,600	●	▲
15	20	160M	1LE7503-1DA33-5AA4	204,300	●	▲
18.5	25	160L	1LE7503-1DA43-5AA4	252,400	●	▲
22	30	180M	1LE7503-1EA23-5AA4	266,500	●	▲
30	40	200L	1LE7503-2AA43-5AA4	399,300	●	▲
37	50	200L	1LE7503-2AA53-5AA4	478,100	●	▲
45	60	225M	1LE7503-2BA23-5AA4	615,000	●	▲

4 - Pole 1500 rev/min						
Output		Frame Size	Ordering Code (MLFB)	Unit LP in ₹	●	▲
kW	HP					
240VΔ / 415VY 50Hz*						
0.18	0.25	71	1LE7603-0CB22-3AA4	24,100	●	▲
0.25	0.35	71	1LE7503-0CB22-3AA4	24,100	●	▲
0.37	0.5	71	1LE7503-0CB32-3AA4	25,200	●	▲
0.55	0.75	80	1LE7503-0DB22-3AA4	29,600	●	▲
0.75	1	80	1LE7503-0DB32-3AA4	31,400	●	▲
1.1	1.5	90S	1LE7503-0EB02-3AA4	35,500	●	▲
1.5	2	90L	1LE7503-0EB42-3AA4	40,500	●	▲
415VΔ 50Hz						
2.2	3	100L	1LE7503-1AB43-5AA4	48,300	●	▲
3.7	5	112M	1LE7503-1BB23-5AA4	65,700	●	▲
5.5	7.5	132S	1LE7503-1CB03-5AA4	88,100	●	▲
7.5	10	132M	1LE7503-1CB23-5AA4	98,700	●	▲
11	15	160M	1LE7503-1DB23-5AA4	177,600	●	▲
15	20	160L	1LE7503-1DB43-5AA4	210,500	●	▲
18.5	25	180M	1LE7503-1EB23-5AA4	265,600	●	▲
22	30	180L	1LE7503-1EB43-5AA4	281,500	●	▲
30	40	200L	1LE7503-2AB53-5AA4	383,500	●	▲
37	50	225S	1LE7503-2BB03-5AA4	487,800	●	▲
45	60	225M	1LE7503-2BB23-5AA4	576,300	●	▲

6 - Pole 1000 rev/min						
Output		Frame Size	Ordering Code (MLFB)	Unit LP in ₹	●	▲
kW	HP					
240VΔ/415VY 50Hz*						
0.18	0.25	71	1LE7503-0CC22-3AA4	27,300	●	▲
0.25	0.35	71	1LE7503-0CC32-3AA4	27,800	●	▲
0.37	0.5	80	1LE7503-0DC22-3AA4	30,000	●	▲
0.55	0.75	80	1LE7503-0DC32-3AA4	31,900	●	▲
0.75	1	90S	1LE7503-0EC02-3AA4	36,900	●	▲
1.1	1.5	90L	1LE7503-0EC42-3AA4	45,800	●	▲
1.5	2	100L	1LE7503-1AC42-3AA4	54,600	●	▲
415VΔ 50Hz						
2.2	3	112M	1LE7503-1BC23-5AA4	61,500	●	▲
3.7	5	132S	1LE7503-1CC13-5AA4	93,000	●	▲
5.5	7.5	132M	1LE7503-1CC33-5AA4	105,500	●	▲
7.5	10	160M	1LE7503-1DC23-5AA4	165,000	●	▲
11	15	160L	1LE7503-1DC43-5AA4	196,600	●	▲
15	20	180L	1LE7503-1EC43-5AA4	256,600	●	▲
18.5	25	200L	1LE7503-2AC43-5AA4	356,100	●	▲
22	30	200L	1LE7503-2AC53-5AA4	376,600	●	▲
30	40	225M	1LE7503-2BC23-5AA4	560,100	●	▲

8 - Pole 750 rev/min						
Output		Frame Size	Ordering Code (MLFB)	Unit LP in ₹	●	▲
kW	HP					
240VΔ/415VY 50Hz*						
0.12	0.2	71	1LE7503-0CD32-3AA4	28,800	●	▲
0.18	0.25	80	1LE7503-0DD22-3AA4	30,900	●	▲
0.25	0.35	80	1LE7503-0DD32-3AA4	34,700	●	▲
0.37	0.5	90S	1LE7503-0ED02-3AA4	37,500	●	▲
0.55	0.75	90L	1LE7503-0ED42-3AA4	43,300	●	▲
0.75	1	100L	1LE7503-1AD42-3AA4	47,900	●	▲
1.1	1.5	100L	1LE7503-1AD52-3AA4	52,100	●	▲
1.5	2	112M	1LE7503-1BD22-3AA4	69,200	●	▲
415VΔ 50Hz						
2.2	3	132S	1LE7503-1CD03-5AA4	90,600	●	▲
3.7	5	160M	1LE7503-1DD23-5AA4	186,100	●	▲
5.5	7.5	160M	1LE7503-1DD33-5AA4	209,700	●	▲
7.5	10	160L	1LE7503-1DD43-5AA4	226,200	●	▲
11	15	180L	1LE7503-1ED43-5AA4	298,100	●	▲
15	20	200L	1LE7503-2AD53-5AA4	388,000	●	▲
18.5	25	225S	1LE7503-2BD03-5AA4	473,500	●	▲
22	30	225M	1LE7503-2BD23-5AA4	550,200	●	▲

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+ As industry standard ratings ≤1.5kW are star connected and ratings >1.5kW are delta connected.

CE marking is not provided for 8 pole motors up to Frame size 225.

Click on following symbols provided against respective ordering code for downloading data sheets and general arrangement drawing (GAD).

SIMOTICS-Cast iron series 1LE7 - IE3



Degree of Protection IP55, Insulation Class 'F', Ambient 50°C, Cast Iron housing, Method of Cooling - IC411, 415V ± 10%, 50Hz ± 5%, combined 10%, IMB3 (foot mounted) version as per IS:12615 / IEC:60034-1

2 - Pole 3000 rev/min						
Output		Frame Size	Ordering Code (MLFB)	Unit LP in ₹	●	▲
kW	HP					
55	75	250M	1LE7503-2CA23-5AA4	829,000	●	▲
75	100	280S	1LE7503-2DA03-5AA4	1,098,900	●	▲
90	120	280M	1LE7503-2DA23-5AA4	1,272,900	●	▲
110	150	315S	1LE7503-3AA03-5AA4	1,504,200	●	▲
132	180	315M	1LE7503-3AA23-5AA4	1,845,200	●	▲
160	215	315L	1LE7503-3AA43-5AA4	2,025,600	●	▲
200*	270	315L	1LE7503-3AA63-5AA4	2,370,200	●	▲

4 - Pole 1500 rev/min						
Output		Frame Size	Ordering Code (MLFB)	Unit LP in ₹	●	▲
kW	HP					
55	75	250M	1LE7503-2CB23-5AA4	785,700	●	▲
75	100	280S	1LE7503-2DB03-5AA4	1,025,300	●	▲
90	120	280M	1LE7503-2DB23-5AA4	1,189,200	●	▲
110	150	315S	1LE7503-3AB03-5AA4	1,349,700	●	▲
132	180	315M	1LE7503-3AB23-5AA4	1,589,400	●	▲
160	215	315L	1LE7503-3AB43-5AA4	1,859,300	●	▲
200	270	315L	1LE7503-3AB63-5AA4	2,257,200	●	▲

6 - Pole 1000 rev/min						
Output		Frame Size	Ordering Code (MLFB)	Unit LP in ₹	●	▲
kW	HP					
37	50	250M	1LE7503-2CC23-5AA4	774,000	●	▲
45	60	280S	1LE7503-2DC03-5AA4	970,700	●	▲
55	75	280M	1LE7503-2DC23-5AA4	1,103,500	●	▲
75	100	315S	1LE7503-3AC03-5AA4	1,264,600	●	▲
90	120	315M	1LE7503-3AC23-5AA4	1,586,900	●	▲
110	150	315L	1LE7503-3AC43-5AA4	1,769,900	●	▲
132	180	315L	1LE7503-3AC63-5AA4	2,070,100	●	▲

8 - Pole 750 rev/min						
Output		Frame Size	Ordering Code (MLFB)	Unit LP in ₹	●	▲
kW	HP					
30	40	250M	1LE7503-2CD23-5AA4	824,400	●	▲
37	50	280S	1LE7503-2DD03-5AA4	1,050,100	●	▲
45	60	280M	1LE7503-2DD23-5AA4	1,218,400	●	▲
55	75	315S	1LE7503-3AD03-5AA4	1,350,900	●	▲
75	100	315M	1LE7503-3AD23-5AA4	1,683,400	●	▲
90	120	315L	1LE7503-3AD43-5AA4	1,901,000	●	▲
110	150	315L	1LE7503-3AD53-5AA4	2,010,700	●	▲

* Temp rise limited to 75K by resistance method.

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Contact nearest sales office for requirement of IE4 efficiency class motors.

Click on following symbols provided against respective ordering code for downloading data sheets and general arrangement drawing (GAD).

● Datasheet

▲ GAD



Selection & Ordering codes



MLFB Position	Voltage code		Construction code	Winding Protection code	Terminal Box code	Incremental LP in INR													
	12th & 13th	Short code				14th	15th	16th	71	80	90	100	112	132	160	180	200	225	250
1LE7503 - □□□□	■ -		□ - □■□□	□ - □□■□	□ - □□□■														
Voltage																			
50Hz, 415VΔ [#]	3-5					□	□	□	□	□	□	□	□	□	□	□	□	□	□
50Hz, 240VΔ/415VY [#]	2-3					□	□	□	□	□	□	□	□	□	□	□	□	□	□
50Hz, 380VY	2-1					1,100	1,400	1,600	1,900	2,400	3,900	5,200	7,200	10,500	15,500	32,000	42,500	57,500	
50Hz, 400VY	2-2					1,100	1,400	1,600	1,900	2,400	3,900	5,200	7,200	10,500	15,500	32,000	42,500	57,500	
50Hz, 380VΔ	3-3					1,100	1,400	1,600	1,900	2,400	3,900	5,200	7,200	10,500	15,500	32,000	42,500	57,500	
50Hz, 400VΔ	3-4					1,100	1,400	1,600	1,900	2,400	3,900	5,200	7,200	10,500	15,500	32,000	42,500	57,500	
50Hz, 500VΔ [@]	4-0					On Enquiry										32,000	42,500	57,500	
50Hz, Any Non std voltage mentioned in Table 10.1 (upto 480V)	9-0	M1Y				1,100	1,400	1,600	1,900	2,400	3,900	5,200	7,200	10,500	15,500	32,000	42,500	57,500	
60Hz, Any Non std voltage mentioned in Table 10.2 (upto 480V) ^{&}	9-0	Refer Table 10.2				1,100	1,400	1,600	1,900	2,400	3,900	5,200	7,200	10,500	15,500	32,000	42,500	57,500	
50Hz, 690VΔ [@]	4-7					On Enquiry										32,000	42,500	57,500	
50Hz, 690VY [@]	9-0	M1Y				On Enquiry										32,000	42,500	57,500	
Voltage other than above	9-0	M1Y				Contact sales office													
Customized winding	9-0	M1Y				1,100	1,400	1,600	1,900	2,400	3,900	5,200	7,200	10,500	15,500	32,000	42,500	57,500	
Type of Construction																			
	IMB3	A				□	□	□	□	□	□	□	□	□	□	□	□	□	□
	IMV5	C				○	○	○	○	○	○	○	○	○	○	○	○	○	○
	IMV6	D				○	○	○	○	○	○	○	○	○	○	○	○	○	○
	IMV1	G				900	1,000	1,300	1,600	2,000	2,700	7,200	10,400	16,500	24,000	37,000	49,000	86,500	
	IMV3^	H				900	1,000	1,300	1,600	2,000	2,700	7,200	10,400	16,500	24,000	37,000	49,000	86,500	
	IMB5^	F				900	1,000	1,300	1,600	2,000	2,700	7,200	10,400	16,500	24,000	37,000	49,000	86,500	
	IMB14	K				1,100	1,400	1,600	2,000	2,400	3,900	Not Available							
	IMV18	M				900	1,000	1,300	1,600	2,000	2,700	Not Available							
	IMV19	L				900	1,000	1,300	1,600	2,000	2,700	Not Available							
	IMB35	J				900	1,000	1,300	1,600	2,000	2,700	7,200	10,400	16,500	24,000	37,000	49,000	86,500	
	IMB34	N				1,100	1,400	1,600	2,000	2,400	3,900	Not Available							
	IMV36 ¹	Y				900	1,000	1,300	1,600	2,000	2,700	7,200	10,400	16,500	24,000	37,000	49,000	86,500	
	IMB6	T				○	○	○	○	○	○	○	○	○	○	○	○	○	○
	IMB7	U				○	○	○	○	○	○	○	○	○	○	○	○	○	○
	IMB8	V				○	○	○	○	○	○	○	○	○	○	○	○	○	○
	IMV15	W				900	1,000	1,300	1,600	2,000	2,700	7,200	10,400	16,500	24,000	37,000	49,000	86,500	

□ Standard Version
○ Without additional charges.

Note:

- # As industry standard ratings ≤1.5kW are star connected and ratings >1.5kW are delta connected.
- @ Voltage code 9-0 in position 12-13 requires additional order code M1Y along with plain text mentioning voltage & frequency.
- \$ Suitable for Grid operation only
- & All 60Hz motors delivered on or after 1st July 2021 will not carry CE mark.

- ¹ IMV35 shall be provided when used with B59
- ² Can not be offered when MLFB-15th digit is "A"
- [^] Except frame 315L

Extra Price Calculations

Accessories/Non std. features are in incremental LP. Add incremental LP to base price of motor & then offer discount.