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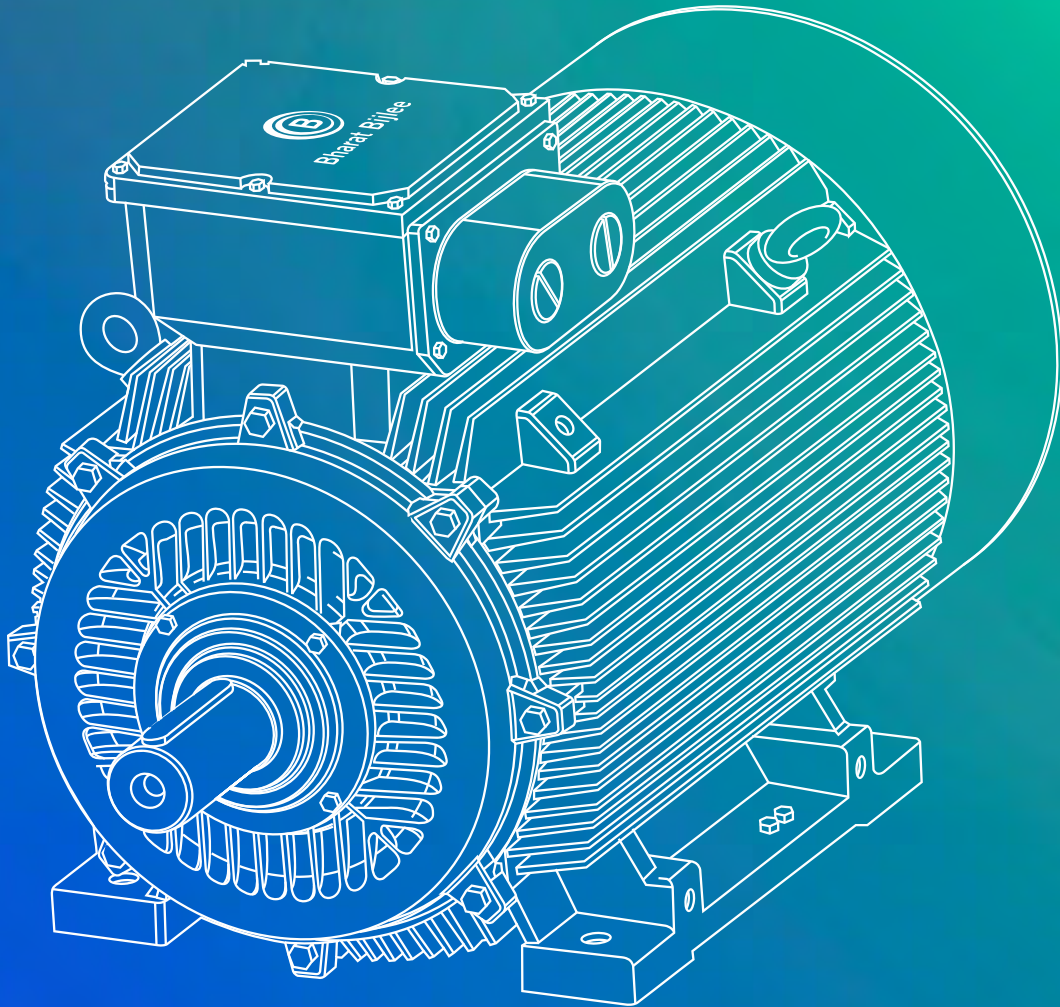
Website : www.saloc.in

ⓑ Bharat Bijlee

SALOC®
The Integrated Eco System

MOTORS PRICE LIST

LP43 w.e.f. 26th May 2022



A MOTOR FOR EVERY NEED



∞ LONG LASTING

☂ WIDE RANGE

🐷 ENERGY EFFICIENT

🌐 RELIABLE

MOTORS PRODUCT RANGE



General Purpose Motors for Safe Area

- IE2 series
- Premium Efficiency IE3 series motors



Hazardous Area Motors

- Flame Proof Ex'd' Motors in standard, IE2 and IE3 efficiency series
- Increased Safety Ex ec Motors in IE2 and IE3 efficiency series



Special Purpose Motors

- Brake Motors
- Crane & Hoist Duty Motors
- Slip Ring Motors
- Cane Unloader Motors
- Textile Motors



High Efficiency Large Frame Motors with DCCA



SynchroVERT[®]

IE4 Super Premium Efficiency Motors



MV Motors upto 1000 kW

- Safe Area Motors: upto 11kV
- Non Sparking Ex(nA) Motors: upto 11kV

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LV MOTORS: AN INTRODUCTION

The 18th century saw the advent of various technologies that led to the Industrial Revolution. Machines started replacing manual labour with an intent to increase productivity. Today, we are in a world where technology is advancing at an unprecedented rate and the backbone of this advancement is the most reliable and sustainable set of drivers. As one of the emerging nations, India is progressively adopting technologies and systems that guarantee the next level of performance. Electric motors are the prime movers for a large part of industry. It is hence imperative to have the most efficient and reliable motors to drive all possible applications.

Bharat Bijlee has been manufacturing motors since 1946 and has developed a wide range of motors to suit various applications. Adherence to stringent quality norms in our manufacturing process ensures successful operation of our motors during their lifespan. With an in-house design team and state-of-the-art manufacturing facility, we have developed the skill, expertise and competence to manufacture highly customized motors and also for the most severe of applications. Owing to our emphasis on customer satisfaction in all aspects of product and service, we are the most trusted brand in the industry.

Why Bharat Bijlee?



Preferred brand across various sectors viz cement, construction, steel, food and beverages, water and wastewater, sugar, distilleries, paper, oil and gas, mining, power and chemical.



Track record of over 4 million motors working successfully in the industry.



Customized motors designed and manufactured to suit application specific needs.



Stable operation on all applications (see illustration below).

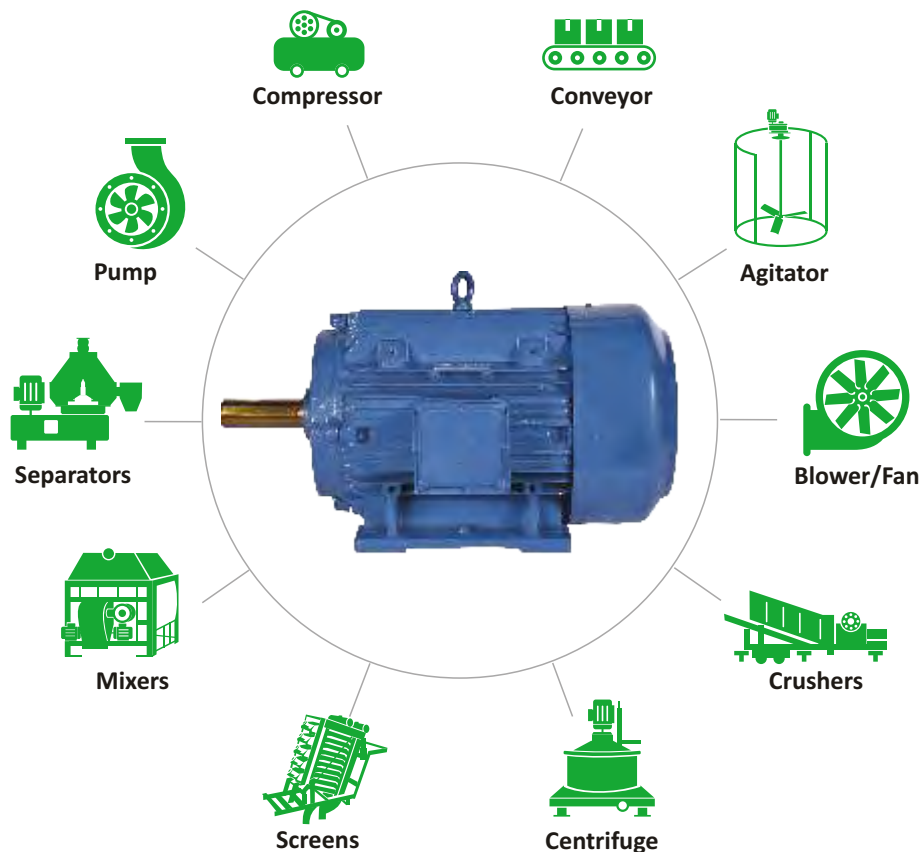


Suitable for extremely harsh and severe applications.



Motors conform to relevant IS/IEC standards and other statutory requirements.

The manufacturing facility for our entire portfolio is located across a 1,70,321 sq. metres campus in Airoli, Navi Mumbai. This is supported by an extensive sales and service network across the country and a central BB ServiceLINE[®] desk.



PRICE LIST GUIDELINES

1. This Price List : LP43 w.e.f. 26th May 2022 supercedes all our earlier Price Lists.
2. Prices mentioned are maximum recommended selling prices and Bharat Bijlee Limited reserves the right to change the prices without prior notice.
3. Prices mentioned are in Indian Rupees.
4. Prices are exclusive of GST, other taxes and levies. GST, other taxes and levies shall be charged extra as applicable at the rate prevailing at the time of dispatch.
5. kW and HP are indicated; kW is binding and HP is approximate.
6. Product upgradation is a continuous process, hence data in this price list is subject to change without prior notice.
- 7. Cash Extra Price Calculations:**
 - 7.1 Wherever cash extras are in percentage please add to the list price and then apply discount.
 - 7.2 Where cash extras are in absolute values please add them to the discounted net price i.e. after applying the discount. Discounts are not applicable on absolute values.

For latest information, queries and enquiries please contact our nearest sales office.

IE2 SERIES SAFE AREA MOTORS

Foot mounted (B3 construction), 3 Phase Squirrel Cage Induction Motors suitable for 415V $\pm 10\%$, 50Hz $\pm 5\%$,

Combined Variation $\pm 10\%$, Insulation Class F with temperature rise limited to Class B, Degree of Protection IP55,

Method of Cooling : Totally Enclosed Fan Cooled, Duty: S1, Ambient Temperature 50° C, Conforms to IS/IEC 60034 & IS: 12615.

3000 rpm 2 Pole: Cast Iron Construction				
kW	HP	Frame	Type	LP43
0.75	1.00	80	2H080213CT000	23,580
1.10	1.50	80	2H080233CT000	26,730
1.50	2.00	90S	2H09S243CT000	29,460
2.20	3.00	90L	2H09L273CT000	37,770
3.70	5.00	100L	2H10L233CT000	46,930
5.50	7.50	132S	2H13S2G3CT000	79,800
7.50	10.00	132S	2H13S2N3CT000	84,390
9.30	12.50	160M	2H16M233CT000	1,42,550
11.00	15.00	160M	2H16M253CT000	1,52,120
15.00	20.00	160M	2H16M263CT000	1,65,590
18.50	25.00	160L	2H16L293CT000	2,12,780
22.00	30.00	180M	2H18M233CT000	2,47,750
30.00	40.00	200L	2H20L2A3CT000	3,41,440
37.00	50.00	200L	2H20L273CT000	4,04,570
45.00	60.00	225M	2H22M253CT000	5,20,610
55.00	75.00	250M	2H25M233CT000	7,15,380
75.00	100.00	280S	2H28S23300000	8,69,080
90.00	120.00	280M	2H28M25300000	9,98,700
110.00	150.00	315S	2H31S23300000	13,06,830
125.00	170.00	315M	2H31M2A300000	15,67,000
132.00	180.00	315M	2H31M23300000	16,03,760
150.00	200.00	315L	2H31L2A300000	17,54,850
160.00	215.00	315L	2H31L25300000	17,56,700
180.00	240.00	315L	2H31L2B300000	18,49,460
200.00	270.00	355L	2H35L2A300000	20,08,540
250.0	335.00	355L	2H35L21300000	23,65,990
315.0	425.00	355L	2H35L23300000	26,05,050

1500 rpm 4 Pole: Cast Iron Construction				
kW	HP	Frame	Type	LP43
0.55	0.75	80	2H080433CT000	23,640
0.75	1.00	80	2H080453CT000	23,980
1.10	1.50	90S	2H09S423CT000	30,970
1.50	2.00	90L	2H09L473CT000	35,930
2.20	3.00	100L	2H10L473CT000	42,840
3.70	5.00	112M	2H11M473CT000	56,670
5.50	7.50	132S	2H13S4K3CT000	77,000
7.50	10.00	132M	2H13M4T3CT000	88,960
9.30	12.50	160M	2H16M4C3CT000	1,44,010
11.00	15.00	160M	2H16M4K3CT000	1,45,130
15.00	20.00	160L	2H16L4T3CT000	1,87,230
18.50	25.00	180M	2H18M473CT000	2,42,930
22.00	30.00	180L	2H18L483CT000	2,66,050
30.00	40.00	200L	2H20L453CT000	3,51,210
37.00	50.00	225S	2H22S433CT000	4,01,800
45.00	60.00	225M	2H22M453CT000	4,75,970
55.00	75.00	250M	2H25M433CT000	6,60,540
75.00	100.00	280S	2H28S423CT000	7,95,930
90.00	120.00	280M	2H28M453CT000	9,27,110
110.00	150.00	315S	2H31S413CT000	11,08,970
125.00	170.00	315M	2H31M4A3CT000	12,63,920
132.00	180.00	315M	2H31M433CT000	13,00,270
150.00	200.00	315L	2H31L4A3CT000	15,27,590
160.00	215.00	315L	2H31L453CT000	16,15,270
180.00	240.00	315L	2H31L463CT000	17,15,720
200.00	270.00	315L	2H31L473CT000	17,70,240
250.00	335.00	355L	2H35L41300000	23,88,550
315.00	425.00	355L	2H35L43300000	28,02,990
355.00	475.00	355L	2H35L45300000	32,58,040

3000 rpm 2 Pole: Aluminium Construction				
kW	HP	Frame	Type	LP43
0.12	0.16	56	2H056235AT000	13,350
0.18	0.25	63	2H063213AT000	15,490
0.25	0.33	63	2H063233AT000	15,950
0.37	0.50	71	2H0712A3AT000	18,120
0.55	0.75	71	2H071233AT000	23,520
0.75	1.00	80	2H080213AT000	24,210
1.10	1.50	80	2H080233AT000	26,410
1.50	2.00	90S	2H09S243AT000	30,300
2.20	3.00	90L	2H09L273AT000	37,700
3.70	5.00	100L	2H10L233AT000	48,300
5.50	7.50	132S	2H13S2G3AT000	82,160
7.50	10.00	132S	2H13S2N3AT000	89,400

1500 rpm 4 Pole: Aluminium Construction				
kW	HP	Frame	Type	LP43
0.12	0.16	63	2H063413AT000	14,850
0.18	0.25	63	2H063433AT000	16,780
0.25	0.33	71	2H0714A3AT000	17,010
0.37	0.50	71	2H071433AT000	18,800
0.55	0.75	80	2H080433AT000	24,570
0.75	1.00	80	2H080453AT000	24,660
1.10	1.50	90S	2H09S423AT000	30,810
1.50	2.00	90L	2H09L473AT000	36,950
2.20	3.00	100L	2H10L473AT000	44,400
3.70	5.00	112M	2H11M473AT000	56,200
5.50	7.50	132S	2H13S4K3AT000	78,180
7.50	10.00	132M	2H13M4T3AT000	92,350

Frame 56 is available only in Aluminium body with flange mounting arrangement.

Frames 63 to 132 are available in Aluminium body with Terminal Box position on Top.

Frames 80 to 132 are also available in Cast Iron body with Terminal Box on Top as standard feature. However Terminal Box on LHS or RHS can be offered on request.

Frames 160 and above are in Cast Iron construction with TB on TOP as standard. TB on LHS or RHS can be offered on request.

* Prices are exclusive of GST, other taxes and levies. GST, other taxes and levies shall be charged extra as applicable at the rate prevailing at the time of dispatch.

IE2 SERIES SAFE AREA MOTORS

Foot mounted (B3 construction) 3 Phase Squirrel Cage Induction Motors suitable for 415V $\pm 10\%$, 50Hz $\pm 5\%$,

Combined Variation $\pm 10\%$, Insulation Class F with temperature rise limited to Class B, Degree of Protection IP55,

Method of Cooling : Totally Enclosed Fan Cooled, Duty S1, Ambient Temperature 50° C, Conforms to IS/IEC 60034 & IS: 12615.

1000 rpm 6 Pole: Cast Iron Construction				
kW	HP	Frame	Type	LP43
0.37	0.50	80	2H080613CT000	26,690
0.55	0.75	80	2H080633CT000	26,790
0.75	1.00	90S	2H09S633CT000	30,160
1.10	1.50	90L	2H09L653CT000	33,160
1.50	2.00	100L	2H10L633CT000	46,860
2.20	3.00	112M	2H11M653CT000	50,810
3.70	5.00	132S	2H13S6G3CT000	82,470
5.50	7.50	132M	2H13M6T3CT000	99,840
7.50	10.00	160M	2H16M633CT000	1,45,810
9.30	12.50	160L	2H16L663CT000	1,61,740
11.00	15.00	160L	2H16L673CT000	1,79,360
15.00	20.00	180L	2H18L633CT000	2,42,940
18.50	25.00	200L	2H20L633CT000	3,16,690
22.00	30.00	200L	2H20L653CT000	3,46,540
30.00	40.00	225M	2H22M643CT000	4,87,390
37.00	50.00	250M	2H25M633CT000	6,55,360
45.00	60.00	280S	2H28S613CT000	7,83,830
55.00	75.00	280M	2H28M633CT000	9,00,580
75.00	100.00	315S	2H31S613CT000	10,52,120
90.00	120.00	315M	2H31M633CT000	13,16,600
110.00	150.00	315M	2H31M653CT000	14,67,160
125.00	170.00	315L	2H31L6A3CT000	16,71,620
132.00	180.00	315L	2H31L673CT000	17,13,420
150.00	200.00	315L	2H31L6B3CT000	17,39,190
160.00	215.00	315L	2H31L693CT000	18,65,220
180.00	240.00	355L	2H35L6A300000	22,03,270
200.00	270.00	355L	2H35L61300000	23,59,780
250.00	335.00	355L	2H35L63300000	26,00,120

750 rpm 8 Pole: Cast Iron Construction				
kW	HP	Frame	Type	LP43
0.18	0.25	80	2H080813CT000	22,850
0.25	0.33	80	2H080833CT000	25,310
0.37	0.5	90S	2H09S813CT000	31,800
0.55	0.75	90L	2H09L853CT000	34,830
0.75	1	100L	2H10L813CT000	42,790
1.1	1.5	100L	2H10L833CT000	52,050
1.5	2	112M	2H11M813CT000	60,420
2.2	3	132S	2H13S8B3CT000	79,850
3.7	5	160M	2H16M813CT000	1,33,370
5.5	7.5	160M	2H16M833CT000	1,62,390
7.5	10	160L	2H16L863CT000	1,97,170
9.3	12.5	180M	2H18M833CT000	2,65,230
11	15	180L	2H18L873CT000	2,79,710
15	20	200L	2H20L843CT000	3,70,210
18.5	25	225S	2H22S823CT000	4,75,460
22	30	225M	2H22M833CT000	5,71,380
30	40	250M	2H25M813CT000	7,71,520
37	50	280S	2H28S823CT000	9,62,040
45	60	280M	2H28M853CT000	10,32,410

750 rpm 8 Pole: Aluminium Construction				
kW	HP	Frame	Type	LP43
0.12	0.16	71	2H071833AT000	20,810
0.18	0.25	80	2H080813AT000	21,110
0.25	0.33	80	2H080833AT000	24,300
0.37	0.5	90S	2H09S813AT000	30,360
0.55	0.75	90L	2H09L853AT000	33,900
0.75	1	100L	2H10L813AT000	40,500
1.1	1.5	100L	2H10L833AT000	49,180
1.5	2	112M	2H11M813AT000	57,660
2.2	3	132S	2H13S8B3AT000	77,500

1000 rpm 6 Pole: Aluminium Construction				
kW	HP	Frame	Type	LP43
0.18	0.25	71	2H0716A3AT000	19,640
0.25	0.33	71	2H071633AT000	20,430
0.37	0.50	80	2H080613AT000	26,410
0.55	0.75	80	2H080633AT000	27,100
0.75	1.00	90S	2H09S633AT000	30,490
1.10	1.50	90L	2H09L653AT000	33,500
1.50	2.00	100L	2H10L633AT000	48,110
2.20	3.00	112M	2H11M653AT000	51,840
3.70	5.00	132S	2H13S6G3AT000	79,890
5.50	7.50	132M	2H13M6T3AT000	98,260



Frames 71 to 132 are available in Aluminium body with Terminal Box position on Top.

Frames 80 to 132 are also available in Cast Iron body with Terminal Box on Top as standard feature. However Terminal Box on LHS or RHS can be offered on request.

Frames 160 and above are in Cast Iron construction with TB on TOP as standard. TB on LHS or RHS can be offered on request.

* Prices are exclusive of GST, other taxes and levies. GST, other taxes and levies shall be charged extra as applicable at the rate prevailing at the time of dispatch.

IE2 SERIES SAFE AREA VFD COMPATIBLE MOTORS FOR VARIABLE TORQUE APPLICATION

Foot mounted (B3 construction) 3 Phase Squirrel Cage Induction Motors suitable for 415V, 50Hz, suitable for speed range 10% to 100% Insulation Class F , Degree of Protection IP55, Method of Cooling : Totally Enclosed Fan Cooled, Duty: S1, Ambient Temperature 50° C, Conforms to IS/IEC 60034 & IS: 12615.

3000 rpm 2 Pole: Cast Iron Construction				
kW	HP	Frame	Type	LP43
9.3	11	160M	2H16M233CT0V0	150,060
11	15	160M	2H16M253CT0V0	159,210
15	20	160M	2H16M263CT0V0	170,790
22	30	180M	2H18M233CT0V0	254,090
30	40	200L	2H20L2A3CT0V0	354,270

1500 rpm 4 Pole: Cast Iron Construction				
kW	HP	Frame	Type	LP43
9.3	11	160M	2H16M4C3CT0V0	147,140
11	15	160M	2H16M4K3CT0V0	150,710
15	20	160L	2H16L4T3CT0V0	192,000
22	30	180L	2H18L483CT0V0	270,500
30	40	200L	2H20L453CT0V0	363,780

3000 rpm 2 Pole: Aluminium Construction				
kW	HP	Frame	Type	LP43
0.37	0.5	71	2H0712A3AT0V0	19,000
0.55	0.75	71	2H071233AT0V0	24,710
0.75	1	80	2H080213AT0V0	25,480
1.1	1.5	80	2H080233AT0V0	27,780
1.5	2	90S	2H09S243AT0V0	31,800
2.2	3	90L	2H09L273AT0V0	40,560
3.7	5	100L	2H10L233AT0V0	50,600
5.5	7.5	132S	2H13S2G3AT0V0	86,380
7.5	10	132S	2H13S2N3AT0V0	93,910

1500 rpm 4 Pole: Aluminium Construction				
kW	HP	Frame	Type	LP43
0.55	0.75	80	2H080433AT0V0	25,220
0.75	1	80	2H080453AT0V0	25,880
1.1	1.5	90S	2H09S423AT0V0	31,600
1.5	2	90L	2H09L473AT0V0	38,840
2.2	3	100L	2H10L473AT0V0	45,600
3.7	5	112M	2H11M473AT0V0	57,770
5.5	7.5	132S	2H13S4K3AT0V0	80,520
7.5	10	132M	2H13M4T3AT0V0	94,950

1000 rpm 6 Pole: Cast Iron Construction				
kW	HP	Frame	Type	LP43
7.5	10	160M	2H16M633CT0V0	149,560
11	15	160L	2H16L673CT0V0	184,290
15	20	180L	2H18L633CT0V0	248,400
22	30	200L	2H20L653CT0V0	358,200
30	40	225M	2H22M643CT0V0	503,270

1000 rpm 6 Pole: Aluminium Construction				
kW	HP	Frame	Type	LP43
0.37	0.5	80	2H080613AT0V0	27,790
0.55	0.75	80	2H080633AT0V0	28,520
0.75	1	90S	2H09S633AT0V0	32,020
1.1	1.5	90L	2H09L653AT0V0	35,140
1.5	2	100L	2H10L633AT0V0	50,570
2.2	3	112M	2H11M653AT0V0	53,340
3.7	5	132S	2H13S6G3AT0V0	83,900
5.5	7.5	132M	2H13M6T3AT0V0	103,130

Frames 71 to 132 are with Aluminium body with Terminal Box position as Top only.

Frames 80 to 132 can be offered in Cast Iron construction with Terminal Box on Top as standard. TB on LHS or RHS can be offered on request.

Frames 160 and above are in Cast Iron construction with TB on TOP as standard. TB on LHS or RHS can be offered on request.

On VFD supply, temperature rise will be class 'B' at load BkW and class 'F' at rated kW.

* Prices are exclusive of GST, other taxes and levies. GST, other taxes and levies shall be charged extra as applicable at the rate prevailing at the time of dispatch.

IE3 SERIES SAFE AREA MOTORS

Foot mounted (B3 construction) 3 Phase Squirrel Cage Induction Motors suitable for 415V $\pm 10\%$, 50Hz $\pm 5\%$, Combined Variation $\pm 10\%$, Insulation Class F with temperature rise limited to Class B, Degree of Protection IP55, Ambient Temperature 50° C, Duty S1, Method of Cooling : Totally Enclosed Fan Cooled, Conforms to IS/IEC 60034 & IS: 12615

3000 rpm 2 Pole: Cast Iron Construction				
kW	HP	Frame	Type	LP43
0.75	1.00	80	3H0802B3CT000	25,900
1.10	1.50	80	3H0802E3CT000	28,220
1.50	2.00	90S	3H09S2B3CT000	32,230
2.20	3.00	90L	3H09L2E3CT000	41,510
3.70	5.00	100L	3H10L2B3CT000	58,280
5.50	7.50	132S	3H13S2C3CT000	84,000
7.50	10.00	132S	3H13S2H3CT000	86,820
9.30	12.50	160M	3H16M2B3CT000	146,680
11.00	15.00	160M	3H16M2E3CT000	158,750
15.00	20.00	160M	3H16M2H3CT000	178,180
18.50	25.00	160L	3H16L2M3CT000	228,910
22.00	30.00	180M	3H18M2B3CT000	262,770
30.00	40.00	200L	3H20L2B3CT000	376,650
37.00	50.00	200L	3H20L2E3CT000	454,410
45.00	60.00	225M	3H22M2B3CT000	584,920
55.00	75.00	250M	3H25M2E3CT000	749,760
75.00	100.00	280S	3H28S2E3CT000	962,220
90.00	120.00	280M	3H28M2H3CT000	11,10,430
110.00	150.00	315S	3H31S2E3CT000	13,68,750
132.00	180.00	315L	3H31L2H3CT000	Refer Sales Office
150.00	200.00	315L	3H31L2K3CT000	Refer Sales Office
160.00	215.00	315L	3H31L2M3CT000	Refer Sales Office
180.00	240.00	355L	3H35L2A3CT000	19,44,190
200.00	270.00	355L	3H35L2B3CT000	21,48,150
225.00	335.00	355L	3H35L2C3CT000	23,87,480
250.00	335.00	355L	3H35L2E3CT000	25,18,000
280.00	375.00	355L	3H35L2G3CT000	27,14,160

1500 rpm 4 Pole: Cast Iron Construction				
kW	HP	Frame	Type	LP43
0.55	0.75	80	3H0804B3CT000	26,580
0.75	1.00	80	3H0804E3CT000	27,570
1.10	1.50	90S	3H09S4B3CT000	33,590
1.50	2.00	90L	3H09L4E3CT000	39,090
2.20	3.00	100L	3H10L4B3CT000	46,420
3.70	5.00	112M	3H11M4B3CT000	59,030
5.50	7.50	132S	3H13S4C3CT000	85,520
7.50	10.00	132M	3H13M4H3CT000	101,190
9.30	12.50	160M	3H16M4E3CT000	157,840
11.00	15.00	160M	3H16M4H3CT000	163,210
15.00	20.00	160L	3H16L4M3CT000	198,960
18.50	25.00	180M	3H18M4B3CT000	252,290
22.00	30.00	180L	3H18L4E3CT000	276,060
30.00	40.00	200L	3H20L4B3CT000	367,790
37.00	50.00	225S	3H22S4B3CT000	450,650
45.00	60.00	225M	3H22M4E3CT000	545,710
55.00	75.00	250M	3H25M4B3CT000	684,030
75.00	100.00	280S	3H28S4B3CT000X	853,850
90.00	120.00	280M	3H28M4H3CT000X	995,460
110.00	150.00	315S	3H31S4G3CT000	12,05,860
132.00	180.00	315M	3H31M4K3CT000	13,79,190
160.00	215.00	315L	3H31L4P3CT000	17,84,900
200.00	270.00	315L	3H31L4W3CT000	21,12,840
225.00	300.00	355L	3H35L4B3CT000	24,93,910
250.00	335.00	355L	3H35L4E3CT000	26,59,630
315.00	422.00	355L	3H35L4H3CT000	30,24,800

3000 rpm 2 Pole: Aluminium Construction				
kW	HP	Frame	Type	LP43
0.12	0.16	56	3H056235AT000	16,510
0.18	0.25	63	3H063213AT000	18,170
0.25	0.33	63	3H063233AT000	19,140
0.37	0.5	71	3H071233AT000	20,670
0.55	0.75	71	3H071253AT000	26,820
0.75	1.00	80	3H0802B3AT000	27,720
1.10	1.50	80	3H0802E3AT000	30,260
1.50	2.00	90S	3H09S2B3AT000	34,640
2.20	3.00	90L	3H09L2E3AT000	44,510
3.70	5.00	100L	3H10L2B3AT000	57,090
5.50	7.50	132S	3H13S2C3AT000	90,240
7.50	10.00	132S	3H13S2H3AT000	93,310

1500 rpm 4 Pole: Aluminium Construction				
kW	HP	Frame	Type	LP43
0.12	0.16	63	3H063433AT000	18,380
0.18	0.25	63	3H063453AT000	18,560
0.25	0.33	71	3H071453AT000	19,010
0.37	0.5	71	3H071463AT000	21,240
0.55	0.75	80	3H0804B3AT000	27,850
0.75	1.00	80	3H0804E3AT000	28,230
1.10	1.50	90S	3H09S4B3AT000	34,760
1.50	2.00	90L	3H09L4E3AT000	42,350
2.20	3.00	100L	3H10L4B3AT000	50,390
3.70	5.00	112M	3H11M4B3AT000	63,810
5.50	7.50	132S	3H13S4C3AT000	88,520
7.50	10.00	132M	3H13M4H3AT000	104,750

Frame 56 is available only in Aluminium body with flange mounting arrangement.

Frames 63 to 132 are available in Aluminium body with Terminal Box position on Top.

Frames 80 to 132 are also available in Cast Iron body with Terminal Box on Top as standard feature. However Terminal Box on LHS or RHS can be offered on request.

Frames 160 and above are in Cast Iron construction with TB on TOP as standard. TB on LHS or RHS can be offered on request.

IE3 safe area motors range comes with inverter grade winding and 6 leads.

* Prices are exclusive of GST, other taxes and levies. GST, other taxes and levies shall be charged extra as applicable at the rate prevailing at the time of dispatch.

IE3 SERIES SAFE AREA MOTORS

Foot mounted (B3 construction) 3 Phase Squirrel Cage Induction Motors suitable for 415V $\pm 10\%$, 50Hz $\pm 5\%$, Combined Variation $\pm 10\%$, Insulation Class F with temperature rise limited to Class B, Degree of Protection IP55, Ambient Temperature 50° C, Duty S1, Method of Cooling : Totally Enclosed Fan Cooled, Conforms to IS/IEC 60034 & IS: 12615

1000 rpm 6 Pole: Cast Iron Construction				
kW	HP	Frame	Type	LP43
0.37	0.50	80	3H0806B3CT000	29,460
0.55	0.75	80	3H0806E3CT000	30,320
0.75	1.00	90S	3H09S6B3CT000	35,750
1.10	1.50	90L	3H09L6E3CT000	39,120
1.50	2.00	100L	3H10L6B3CT000	60,050
2.20	3.00	112M	3H11M6B3CT000	63,360
3.70	5.00	132S	3H13S6C3CT000	93,420
5.50	7.50	132M	3H13M6H3CT000	114,810
7.50	10.00	160M	3H16M6B3CT000	163,720
9.30	12.50	160L	3H16L6E3CT000	178,390
11.00	15.00	160L	3H16L6H3CT000	201,470
15.00	20.00	180L	3H18L6B3CT000	284,710
18.50	25.00	200L	3H20L6B3CT000	352,610
22.00	30.00	200L	3H20L6E3CT000	387,570
30.00	40.00	225M	3H22M6B3CT000	541,850
37.00	50.00	250M	3H25M6B3CT000	702,210
45.00	60.00	280S	3H28S6B3CT000	862,890
55.00	75.00	280M	3H28M6E3CT000	990,690
75.00	100.00	315S	3H31S6B3CT000	11,32,010
90.00	120.00	315M	3H31M6E3CT000	14,15,680
110.00	150.00	315M	3H31M6H3CT000	15,76,950
132.00	180.00	315L	3H31L6M3CT000	18,83,350
160.00	215.00	355L	3H35L6B3CT000	20,02,570
180.00	240.00	355L	3H35L6C3CT000	26,20,050
200.00	270.00	355L	3H35L6E3CT000	27,44,720
250.00	335.00	355L	3H35L643CT000	30,05,720

1000 rpm 6 Pole: Aluminium Construction				
kW	HP	Frame	Type	LP43
0.18	0.25	71	3H071633AT000	27,600
0.25	0.33	71	3H071653AT000	28,750
0.37	0.50	80	3H0806B3AT000	30,230
0.55	0.75	80	3H0806E3AT000	30,970
0.75	1.00	90S	3H09S6B3AT000	34,930
1.10	1.50	90L	3H09L6E3AT000	38,280
1.50	2.00	100L	3H10L6B3AT000	58,810
2.20	3.00	112M	3H11M6B3AT000	62,120
3.70	5.00	132S	3H13S6C3AT000	96,150
5.50	7.50	132M	3H13M6H3AT000	112,360

750 rpm 8 pole: Cast Iron Construction				
kW	HP	Frame	Type	LP43
0.18	0.25	80	3H080813CT000	31,470
0.25	0.33	80	3H080833CT000	34,360
0.37	0.5	90S	3H09S853CT000	36,600
0.55	0.75	90L	3H09L863CT000	40,090
0.75	1	100L	3H10L833CT000	49,300
1.10	1.5	100L	3H10L853CT000	59,910
1.50	2	112M	3H11M833CT000	69,330
2.20	3	132S	3H13S8B3CT000	91,810
3.70	5	160M	3H16M823CT000	142,770
5.50	7.5	160M	3H16M843CT000	200,770
7.50	10	160L	3H16L883CT000	226,150
9.30	12.5	180M	3H18M873CT000	304,920
11.00	15	180L	3H18L893CT000	321,580
15.00	20	200L	3H20L853CT000	426,210
18.50	25	225S	3H22S823CT000	546,720
22.00	30	225M	3H22M833CT000	657,280
30.00	40	250M	3H25M813CT000	887,460
37.00	50	280S	3H28S823CT000	11,04,520
45.00	60	280M	3H28M853CT000	11,86,630

750 rpm 8 pole: Aluminium Construction				
kW	HP	Frame	Type	LP43
0.12	0.16	71	3H071833AT000	24,510
0.18	0.25	80	3H080813AT000	29,200
0.25	0.33	80	3H080833AT000	33,900
0.37	0.5	90S	3H09S853AT000	36,550
0.55	0.75	90L	3H09L863AT000	38,860
0.75	1	100L	3H10L833AT000	49,180
1.10	1.5	100L	3H10L853AT000	59,800
1.50	2	112M	3H11M833AT000	65,550
2.20	3	132S	3H13S8B3AT000	91,650



Frames 71 to 132 are available in Aluminium body with Terminal Box position on Top.
 Frames 80 to 132 are also available in Cast Iron body with Terminal Box on Top as standard feature. However Terminal Box on LHS or RHS can be offered on request.
 Frames 160 and above are in Cast Iron construction with TB on TOP as standard. TB on LHS or RHS can be offered on request.
 This IE3 safe area motors range comes with inverter grade winding and 6 leads.

* Prices are exclusive of GST, other taxes and levies. GST, other taxes and levies shall be charged extra as applicable at the rate prevailing at the time of dispatch.

FLP MOTORS: STANDARD RANGE

Foot mounted (B3 construction) 3 Phase Squirrel Cage Induction Motor, 415V $\pm 10\%$, 50Hz $\pm 5\%$, Combined Variation $\pm 10\%$, Insulation Class F with temperature rise limited to Class B, Degree of Protection IP55, Duty S1, Ambient Temperature 45° C, Method of Cooling : Totally Enclosed Fan Cooled, Conforms to IS/IEC 60034-1, IS/IEC 60079-1, Gas Group IIA, IIB.

3000 rpm 2 Pole				
kW	HP	Frame	Type	LP43
0.37	0.50	80	MD0802A300000	39,880
0.55	0.75	80	MD0802B300000	44,330
0.75	1.00	80	MD08021300000	45,710
1.1	1.50	80	MD08023300000	50,810
1.5	2.00	90L	MD09L23300000	52,650
2.2	3.00	90L	MD09L25300000	70,680
3.7	5.00	100L	MD10L21300000	90,950
5.5	7.50	132S	MD13S2B300000	127,150
7.5	10.00	132S	MD13S2E300000	141,330
9.3	12.50	132M	MD13M2N300000	207,500
11	15.00	160M	MD16M21300000	263,700
15	20.00	160M	MD16M25300000	290,100
18.5	25.00	160L	MD16L27300000	328,420
22	30.00	180L	MD18L21300000	398,530
30	40.00	200L	MD20L23300000	537,950
37	50.00	200L	MD20L25300000	695,140
45	60.00	225M	MD22M23300000	881,840
55	75.00	250M	MD25M21300000	11,26,290
75	100.00	280S	MD28S21300000	13,57,550
90	120.00	280M	MD28M23300000	14,62,420

1500 rpm 4 Pole				
kW	HP	Frame	Type	LP43
0.37	0.50	80	MD0804A300000	39,470
0.55	0.75	80	MD08041300000	43,110
0.75	1.00	80	MD08043300000	44,820
1.1	1.50	90L	MD09L43300000	51,280
1.5	2.00	90L	MD09L45300000	55,530
2.2	3.00	100L	MD10L43300000	70,900
3.7	5.00	112M	MD11M43300000	89,700
5.5	7.50	132S	MD13S4B300000	123,070
7.5	10.00	132M	MD13M4K300000	140,020
9.3	12.50	160M	MD16M4A300000	209,010
11	15.00	160M	MD16M4C300000	225,530
15	20.00	160L	MD16L4K300000	274,130
18.5	25.00	180L	MD18L43300000	311,810
22	30.00	180L	MD18L47300000	370,350
30	40.00	200L	MD20L43300000	496,340
37	50.00	225S	MD22S41300000	634,420
45	60.00	225M	MD22M43300000	802,980
55	75.00	250M	MD25M41300000	10,03,450
75	100.00	280S	MD28S41300000	12,29,020
90	120.00	280M	MD28M43300000	12,45,820

1000 rpm 6 Pole				
kW	HP	Frame	Type	LP43
0.37	0.50	80	MD08061300000	44,970
0.55	0.75	80	MD08063300000	46,170
0.75	1.00	90L	MD09L63300000	54,470
1.10	1.50	90L	MD09L65300000	56,530
1.50	2.00	100L	MD10L63300000	80,200
2.20	3.00	112M	MD11M63300000	94,260
3.70	5.00	132S	MD13S6B300000	124,510
5.50	7.50	132M	MD13M6N300000	149,260
7.50	10.00	160M	MD16M63300000	238,740
9.30	12.50	160L	MD16L66300000	274,590
11.00	15.00	160L	MD16L67300000	292,490
15.00	20.00	180L	MD18L61300000	380,740
18.50	25.00	200L	MD20L61300000	474,180
22.00	30.00	200L	MD20L63300000	513,650
30.00	40.00	225M	MD22M62300000	818,800
37.00	50.00	250M	MD25M60300000	10,34,320
45.00	60.00	280S	MD28S61300000	12,02,620
55.00	75.00	280M	MD28M63300000	12,94,290

750 rpm 8 Pole				
kW	HP	Frame	Type	LP43
0.37	0.50	90L	MD09L83300000	53,600
0.55	0.75	90L	MD09L85300000	57,950
0.75	1.00	100L	MD10L81300000	70,600
1.10	1.50	100L	MD10L83300000	81,360
1.50	2.00	112M	MD11M81300000	98,630
2.20	3.00	132S	MD13S8B300000	129,860
3.70	5.00	160M	MD16M81300000	208,160
5.50	7.50	160M	MD16M83300000	246,990
7.50	10.00	160L	MD16L87300000	301,360
9.30	12.50	180L	MD18L81300000	370,850
11.00	15.00	180L	MD18L83300000	401,730
15.00	20.00	200L	MD20L83300000	545,270
18.50	25.00	225S	MD22S81300000	678,520
22.00	30.00	225M	MD22M83300000	894,720
30.00	40.00	250M	MD25M81300000	10,97,090
37.00	50.00	280S	MD28S82300000	14,00,660
45.00	60.00	280M	MD28M85300000	14,37,570

All motors are with Terminal Box position on Top as standard feature
 On request frames 112 and 132 can be offered with Terminal Box on RHS.
 On request frames 160 to 280 can be offered with Terminal Box on RHS / LHS.

* Prices are exclusive of GST, other taxes and levies. GST, other taxes and levies shall be charged extra as applicable at the rate prevailing at the time of dispatch.

FLP MOTORS: Efficiency Values Complying to IE2 Class

Foot mounted (B3 construction) 3 Phase Squirrel Cage Induction Motor, 415V $\pm 10\%$, 50Hz $\pm 5\%$, Combined Variation $\pm 10\%$, Insulation Class F, with temperature rise limited to Class B, Degree of Protection IP55, Duty S1, Ambient Temperature 45° C, Method of Cooling : Totally Enclosed Fan Cooled, Conforms to IS/IEC 60034-1, IS/IEC 60079-1, Gas Group IIA, IIB.

3000 rpm 2 Pole				
kW	HP	Frame	Type	LP43
0.37	0.5	80	2J0802A300000	42,810
0.55	0.75	80	2J0802B300000	47,870
0.75	1	80	2J08021300000	49,320
1.1	1.5	80	2J08023300000	57,650
1.5	2	90L	2J09L24300000	59,010
2.2	3	90L	2J09L27300000	77,020
3.7	5	100L	2J10L23300000	100,020
5.5	7.5	132S	2J13S2G300000	145,170
7.5	10	132S	2J13S2N300000	160,420
9.3	12.5	160M	2J16M23300000	280,050
11	15	160M	2J16M25300000	288,170
15	20	160M	2J16M26300000	319,110
18.5	25	160L	2J16L29300000	362,980
22	30	180L	2J18L23300000	436,470
30	40	200L	2J20L2A300000	578,820
37	50	200L	2J20L25300000	751,010
45	60	225M	2J22M25300000	953,210
55	75	250M	2J25M23300000	12,35,920
75	100	280M	2J28M23300000	15,20,530
90	120	280M	2J28M25300000	16,21,510
110	150	315S	2J31S23300000	17,95,660
125	170	315M	2J31M2A300000	20,99,640
132	180	315M	2J31M23300000	21,31,120
150	200	315L	2J31L2A300000	23,14,000
160	215	315L	2J31L25300000	24,16,150
180	240	315L	2J31L2B300000	28,96,800

1500 rpm 4 Pole				
kW	HP	Frame	Type	LP43
0.37	0.5	80	2J08041300000	42,050
0.55	0.75	80	2J08043300000	46,430
0.75	1	80	2J08045300000	48,270
1.1	1.5	90L	2J09L42300000	56,340
1.5	2	90L	2J09L47300000	62,620
2.2	3	100L	2J10L47300000	79,670
3.7	5	112M	2J11M47300000	100,790
5.5	7.5	132S	2J13S4K300000	138,550
7.5	10	132M	2J13M4T300000	157,960
9.3	12.5	160M	2J16M4C300000	243,900
11	15	160M	2J16M4K300000	250,050
15	20	160L	2J16L4T300000	303,960
18.5	25	180L	2J18L47300000	349,650
22	30	180L	2J18L48300000	415,660
30	40	200L	2J20L45300000	550,370
37	50	225S	2J22S43300000	684,480
45	60	225M	2J22M45300000	867,050
55	75	250M	2J25M43300000	11,25,730
75	100	280S	2J28S42300000	13,78,680
90	120	280M	2J28M45300000	14,07,060
110	150	315S	2J31S41300000	16,54,610
125	170	315M	2J31M4A300000	18,41,540
132	180	315M	2J31M43300000	20,05,560
150	200	315L	2J31L4A300000	20,95,860
160	215	315L	2J31L45300000	21,25,480
180	240	315L	2J31L46300000	25,20,850
200#	270	315L	2J31L47300000	28,71,070

All motors are with Terminal Box position on top as a standard feature
 On request frames 112 and 132 can be offered with Terminal Box on RHS.
 On request frames 160 to 280 can be offered with Terminal Box on RHS / LHS.
 # This rating is suitable for Ambient Temperature 40° C.

* Prices are exclusive of GST, other taxes and levies. GST, other taxes and levies shall be charged extra as applicable at the rate prevailing at the time of dispatch.

FLP MOTORS: Efficiency Values Complying to IE2 Class

Foot mounted (B3 construction) 3 Phase Squirrel Cage Induction Motor, 415V ±10%, 50Hz ±5%, Combined Variation ±10%, Insulation Class F, with temperature rise limited to Class B, Degree of Protection IP55, Duty S1, Ambient Temperature 45° C, Method of Cooling : Totally Enclosed Fan Cooled, Conforms to IS/IEC 60034-1, IS/IEC 60079-1, Gas Group IIA, IIB.

1000 rpm 6 Pole				
kW	HP	Frame	Type	LP43
0.37	0.5	80	2J08061300000	48,890
0.55	0.75	80	2J08063300000	51,300
0.75	1	90L	2J09L633000000	61,170
1.1	1.5	90L	2J09L653000000	62,980
1.5	2	100L	2J10L633000000	91,100
2.2	3	112M	2J11M653000000	105,880
3.7	5	132S	2J13S6G3000000	140,270
5.5	7.5	132M	2J13M6T3000000	170,000
7.5	10	160M	2J16M633000000	262,780
9.3	12.5	160L	2J16L663000000	302,800
11	15	160L	2J16L673000000	315,270
15	20	180L	2J18L633000000	421,540
18.5	25	200L	2J20L633000000	512,270
22	30	200L	2J20L653000000	555,690
30	40	225M	2J22M643000000	892,330
37	50	250M	2J25M633000000	11,61,470
45	60	280S	2J28S613000000	13,48,940
55	75	280M	2J28M633000000	14,54,960
75	100	315S	2J31S613000000	16,82,670
90	120	315M	2J31M633000000	19,73,160
110	150	315M	2J31M653000000	21,63,270
125	170	315L	2J31L6A3000000	24,60,050
132	180	315L	2J31L673000000	26,22,230
150	200	315L	2J31L6B3000000	27,44,510
160	215	315L	2J31L693000000	31,60,870

750 rpm 8 pole				
kW	HP	Frame	Type	LP43
0.37	0.5	90L	2J09L833000000	58,710
0.55	0.75	90L	2J09L853000000	63,550
0.75	1	100L	2J10L813000000	76,880
1.1	1.5	100L	2J10L833000000	89,260
1.5	2	112M	2J11M813000000	107,200
2.2	3	132S	2J13S8B3000000	141,840
3.7	5	160M	2J16M813000000	229,250
5.5	7.5	160M	2J16M833000000	269,100
7.5	10	160L	2J16L863000000	328,110
9.3	12.5	180L	2J18L833000000	417,620
15	20	200L	2J20L843000000	594,650
18.5	25	225S	2J22S823000000	738,230
22	30	225M	2J22M833000000	971,610
30	40	250M	2J25M813000000	11,93,290
37	50	280S	2J28S823000000	15,31,310
45	60	280M	2J28M853000000	15,63,540



All motors are with Terminal Box position on top as a standard feature
On request frames 112 and 132 can be offered with Terminal Box on RHS.
On request frames 160 to 280 can be offered with Terminal Box on RHS / LHS.

* Prices are exclusive of GST, other taxes and levies. GST, other taxes and levies shall be charged extra as applicable at the rate prevailing at the time of dispatch.

FLP MOTORS: Efficiency Values Complying to IE3 Class

Foot mounted (B3 construction) 3 Phase Squirrel Cage Induction Motor, 415V $\pm 10\%$, 50Hz $\pm 5\%$, Combined Variation $\pm 10\%$, Insulation Class F, with temperature rise limited to Class B, Degree of Protection IP55, Duty S1, Ambient Temperature 45° C, Method of Cooling: Totally Enclosed Fan Cooled, Conforms to IS/IEC 60034-1, IS/IEC 60079-1, Gas Group IIA, IIB.

3000 rpm 2 pole				
kW	HP	Frame	Type	LP43
0.37	0.5	80	3J0802A300000	45,750
0.55	0.75	80	3J08021300000	51,210
0.75	1	80	3J0802B300000	52,520
1.1	1.5	80	3J0802E300000	61,410
1.5	2	90L	3J09L2B300000	63,020
2.2	3	90L	3J09L2E300000	82,340
3.7	5	100L	3J10L2B300000	1,04,630
5.5	7.5	132S	3J13S2C300000	1,55,070
7.5	10	132S	3J13S2H300000	1,71,510
9.3	12.5	160M	3J16M2B300000	2,95,660
11	15	160M	3J16M2E300000	3,02,000
15	20	160M	3J16M2H300000	3,41,090
18.5	25	160L	3J16L2M300000	3,87,590
22	30	200L	3J20L2S300000	4,59,510
30	40	200L	3J20L2B300000	6,45,470
37	50	200L	3J20L2E300000	7,99,080
45	60	225M	3J22M2B300000	10,14,270
55	75	280S	3J28S2A300000	13,02,530
75	100	280S	3J28S2E300000	16,02,810
90	120	280M	3J28M2H300000	16,85,350

1500 rpm 4 pole				
kW	HP	Frame	Type	LP43
0.37	0.5	80	3J08043300000	45,060
0.55	0.75	80	3J0804B300000	49,460
0.75	1	80	3J0804E300000	51,440
1.1	1.5	90L	3J09L4B300000	59,710
1.5	2	90L	3J09L4E300000	66,980
2.2	3	100L	3J10L4B300000	85,050
3.7	5	112M	3J11M4B300000	1,07,790
5.5	7.5	132S	3J13S4C300000	1,48,170
7.5	10	132M	3J13M4H300000	1,68,850
9.3	12.5	160M	3J16M4E300000	2,55,730
11	15	160M	3J16M4H300000	2,67,270
15	20	160L	3J16L4M300000	3,24,280
18.5	25	200L	3J20L4A300000	3,68,400
22	30	200L	3J20L43300000	4,38,380
30	40	200L	3J20L4B300000	5,85,940
37	50	225S	3J22S4B300000	7,63,750
45	60	225M	3J22M4E300000	9,64,420
55	75	280S	3J28S42300000	11,87,130
75	100	280S	3J28S4B300000	14,55,690
90	120	280M	3J28M4H300000	14,81,360

All motors are with Terminal Box position on top as a standard feature
 On request frames 112 and 132 can be offered with Terminal Box on RHS.
 On request frames 160 to 280 can be offered with Terminal Box on RHS / LHS.

* Prices are exclusive of GST, other taxes and levies. GST, other taxes and levies shall be charged extra as applicable at the rate prevailing at the time of dispatch.

FLP MOTORS: Efficiency Values Complying to IE3 Class

Foot mounted (B3 construction) 3 Phase Squirrel Cage Induction Motor, 415V $\pm 10\%$, 50Hz $\pm 5\%$, Combined Variation $\pm 10\%$, Insulation Class F with temperature rise limited to Class B, Degree of Protection IP55, Duty S1, Ambient Temperature 45° C, Method of Cooling: Totally Enclosed Fan Cooled, Conforms to IS/IEC 60034-1, IS/IEC 60079-1, Gas Group IIA, IIB.

1000 rpm 6 pole				
kW	HP	Frame	Type	LP43
0.37	0.5	80	3J0806B300000	52,000
0.55	0.75	80	3J0806E300000	53,510
0.75	1	90L	3J09L6B300000	65,330
1.1	1.5	90L	3J09L6E300000	67,210
1.5	2	100L	3J10L6B300000	97,280
2.2	3	112M	3J11M6B300000	1,13,250
3.7	5	132S	3J13S6C300000	1,49,800
5.5	7.5	132M	3J13M6H300000	1,81,670
7.5	10	160M	3J16M6B300000	2,74,890
9.3	12.5	160L	3J16L6E300000	3,21,760
11	15	160L	3J16L6H300000	3,36,520
15	20	200L	3J20L63300000	4,31,510
18.5	25	200L	3J20L6B300000	5,33,390
22	30	200L	3J20L6E300000	5,78,700
30	40	225M	3J22M6B300000	9,48,760
37	50	250M	3J25M6B300000	12,24,220
45	60	280S	3J28S6B300000	14,21,690
55	75	280M	3J28M6E300000	15,32,140

750 rpm 8 pole				
kW	HP	Frame	Type	LP43
0.18	0.25	80	3J080813000000	54,000
0.25	0.33	80	3J080833000000	58,320
0.37	0.5	90L	3J09L8530000000	75,250
0.55	0.75	90L	3J09L8630000000	77,270
0.75	1	100L	3J10L8330000000	96,010
1.1	1.5	100L	3J10L8530000000	99,520
1.5	2	112M	3J11M8330000000	1,18,380
2.2	3	132S	3J13S8B30000000	1,57,190
3.7	5	160M	3J16M8230000000	2,52,180
5.5	7.5	160M	3J16M8430000000	3,07,960
7.5	10	160L	3J16L8830000000	3,54,630
15.0	20	200L	3J20L8530000000	6,49,080
18.5	25	225S	3J22S8230000000	8,10,220
22.0	30	225M	3J22M8330000000	11,01,600

All motors are with Terminal Box position on top as a standard feature
 On request frames 112 and 132 can be offered with Terminal Box on RHS.
 On request frames 160 to 280 can be offered with Terminal Box on RHS / LHS.

* Prices are exclusive of GST, other taxes and levies. GST, other taxes and levies shall be charged extra as applicable at the rate prevailing at the time of dispatch.

CRANE & HOIST DUTY MOTORS

Foot mounted (B3 construction) 3 Phase Squirrel Cage Induction Motors suitable to operate on DOL supply: 415V ±10%, 50Hz±5%

Combined Variation ±10%, Insulation Class F, Degree of Protection IP55, Ambient Temperature 45° C,

Method of Cooling: Totally Enclosed Fan Cooled, S4 Duty , 40% CDF, 150 Starts / Stops per hour, conforms to IS/IEC 60034

1500 rpm 4 Pole: Cast Iron Construction				
kW	HP	Frame	Type	LP43
11.00	15.00	160M	MC16M4A300000	1,17,830
15.00	20.00	160M	MC16M4F300000	1,28,500
18.50	25.00	160L	MC16L4P300000	1,50,690
22.00	30.00	180L	MC18L47300000	2,11,050
30.00	40.00	200L	MC20L43300000	2,86,650
37.00	50.00	225S	MC22S41300000	3,53,360
45.00	60.00	225M	MC22M43300000	4,76,280
55.00	75.00	250M	MC25M41300000	6,52,600
75.00	100.00	280S	MC28S41300000	8,04,380
90.00	120.00	280M	MC28M43300000	8,97,390
110.00	150.00	315S	MC31S41300000	12,09,100
132.00	160.00	315M	MC31M43300000	13,38,940
160.00	215.00	315L	MC31L45300000	16,03,260
180.00	250.00	315L	MC31L46300000	16,90,760
200.00	270.00	315L	MC31L47300000	17,21,700

750 rpm 8 Pole: Aluminium Construction				
kW	HP	Frame	Type	LP43
0.55	0.75	90S	MC09S81300000	27,210
0.75	1	90L	MC09L85300000	30,690
1.1	1.5	100L	MC10L81300000	36,950
1.5	2	100L	MC10L83300000	38,030
2.2	3	112M	MC11M83300000	57,840
3.7	5	132S	MC13S8G300000	91,080

1000 rpm 6 Pole: Cast Iron Construction				
kW	HP	Frame	Type	LP43
9.30	12.50	160M	MC16M63300000	1,25,820
11.00	15.00	160L	MC16L66300000	1,55,880
13.00	17.50	160L	MC16L67300000	1,76,760
17.00	23.00	180L	MC18L63300000	2,55,720
22.00	30.00	200L	MC20L63300000	2,97,230
30.00	40.00	225M	MC22M62300000	4,17,620
37.00	50.00	250M	MC25M60300000	6,03,160
45.00	60.00	280S	MC28S61300000	7,68,510
52.00	70.00	280M	MC28M63300000	8,71,830
70.00	95.00	315S	MC31S61300000	10,91,730
85.00	115.00	315M	MC31M63300000	13,47,350
102.00	135.00	315M	MC31M65300000	15,00,860
125.00	167.00	315L	MC31L67300000	17,43,660
150.00	200.00	315L	MC31L69300000	18,50,290

1500 rpm 4 Pole: Aluminium Construction				
kW	HP	Frame	Type	LP43
0.55	0.75	71	MC07143300000	20,950
0.75	1.00	80	MC08041300000	23,290
1.10	1.50	80	MC08043300000	24,420
1.50	2.00	90S	MC09S43300000	25,700
2.20	3.00	90L	MC09L45300000	28,130
3.70	5.00	100L	MC10L45300000	37,590
5.50	7.50	112M	MC11M45300000	47,350
7.50	10.00	132S	MC13S4G300000	67,680
9.30	12.50	132M	MC13M4P300000	77,110

1000 rpm 6 Pole: Aluminium Construction				
kW	HP	Frame	Type	LP43
0.37	0.50	71	MC07163300000	21,010
0.55	0.75	80	MC08061300000	24,810
0.75	1.00	80	MC08063300000	25,740
1.10	1.50	90L	MC09L6A300000	26,720
1.50	2.00	90L	MC09L65300000	30,480
2.20	3.00	100L	MC10L65300000	40,020
3.70	5.00	112M	MC11M65300000	47,710
5.50	7.50	132S	MC13S6G300000	69,250
7.50	10.00	132M	MC13M6T300000	80,290

750 rpm 8 Pole: Cast Iron Construction				
kW	HP	Frame	Type	LP43
5.5	7.5	160M	MC16M83300000	1,32,050
7.5	10	160L	MC16L87300000	1,69,360
9.3	12.5	180M	MC18M81300000	2,02,590
11	15	180L	MC18L83300000	2,38,480
15	20	200L	MC20L83300000	3,20,690
18.5	25	225S	MC22S81300000	4,07,510
22	30	225M	MC22M83300000	4,91,870
30	40	250M	MC25M81300000	6,61,430
37	50	280S	MC28S82300000	8,45,360
45	60	280M	MC28M85300000	9,36,180
55	75	315S	MC31S81300000	12,16,690
75	100	315M	MC31M83300000	14,09,920
90	120	315M	MC31M85300000	15,84,070
110	150	315L	MC31L87300000	17,52,320
132	180	315L	MC31L89300000	20,52,250



Frames 71 to 132 are available with Aluminium body and Terminal Box on Top as standard feature.

Frames 90 to 132 can also be offered in Cast Iron body with Terminal Box position on Top/RHS/LHS.

Frame 160 is with Cast Iron Body and Terminal Box position on Top.

Frames 180 to 225 are with Cast Iron body and Terminal Box position on RHS. On request terminal box can be given on Top / LHS position.

Frames 250 and above are with Cast Iron body and Terminal Box position on Top. On request terminal box can be given with RHS/LHS position.

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CRANE DUTY SLIP RING MOTORS

B3 construction, 3 Phase Slipring Induction Motor, 415V±10%, 50Hz ±5% Combined Variation ±10%,

Insulation for Stator/Rotor: class F/F, Degree of Protection IP55, Ambient Temperature 45° C,

Method of Cooling: Totally Enclosed Fan Cooled, S4 Duty, 40% CDF, 60 Starts / Stops per hour, conforms to IS/IEC 60034

1000 rpm 6 Pole				
kW	HP	Frame	Type	LP43
1.10	1.50	100L	MP10L61300000	1,05,990
1.50	2.00	100L	MP10L62300000	1,11,970
2.40	3.20	112M	MP11M62300000	1,22,280
3.30	4.40	112M	MP11M64300000	1,25,980
4.00	5.30	132M	MP13M61300000	1,63,650
5.50	7.50	132M	MP13M66300000	1,96,010
7.00	9.40	160L	MP16L61300000	2,21,850
10.00	13.40	160L	MP16L65300000	2,69,670



All Slip Ring motors are with Cast Iron construction and Terminal Box position on Top.

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CASH EXTRAS FOR ADDITIONAL FEATURES

Sr. No.	FEATURES	Cash Extras / Percentage Extras LP43
1.00	MECHANICAL FEATURES	
1.01	Construction Mounting Position	
(a)	For foot mounting: B3, B6, B7, B8, V5 & V6	Nil
(b)	For Standard Flange / Face / Foot cum Flange / Foot cum Face mounting: B5, V1, V18, V19, B14, B35 / B34;	Frame: 63 to 160 : 3% Frame: 180 and above : 5%
1.02	Canopy	
(a)	Top plate cowl for V1 construction (90 frame onwards)	Frame: 90 to 100 : Rs. 1,400/-
		Frame: 112 to 132 : Rs. 1,800/-
		Frame: 160 to 180 : Rs. 2,200/-
		Frame: 200 : Rs. 3,500/-
		Frame: 225 to 315 : Rs. 5,000/-
(b)	FRP Canopy For Safe Area and Increased Safety Ex ec Motors: Frame 90 and above (with terminal box on RHS only)	Frame: 90 to 112 : Rs. 2,500/-
		Frame: 132 to 180 : Rs. 4,000/-
		Frame: 200 to 250 : Rs. 8,000/-
		Frame: 280 to 315 : Rs. 15,000/-
(c)	FRP Canopy For Flame Proof Ex 'd' Motors: Frame 160 and above (with terminal box on RHS only)	Frame: 160 to 180 : Rs. 7,000/-
		Frame: 200 to 250 : Rs. 12,000/-
		Frame: 280 to 315 : Rs. 16,000/-
1.03	Shaft Extension / Material	
(a)	Single / double non std shaft, if dia or extn is less than or equal to standard	10%
(b)	Any other Diameter / Extension	Refer to Sales Office
(c)	EN19, EN24 / EN57 material, 45C8	10%
(d)	Stainless Steel Shaft material (SS304, SS316, SS410, SS416)	15%
(e)	Other material (if any)	Refer to Sales Office
1.04	Water Flingers: Rubber Material	
(a)	Water Flingers: Rubber Material	Frame: 90 to 132 : Rs. 300/-
		Frame: 160 to 225 : Rs. 500/-
		Frame: 250 and above : Rs. 1,500/-
		Frame: 280 and above : Refer to sales office
(b)	Water Flinger of other than rubber material	Refer to Sales Office

For any non-standard features not mentioned above, kindly contact our nearest sales office

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CASH EXTRAS FOR ADDITIONAL FEATURES

Sr. No.	FEATURES	Cash Extras / Percentage Extras LP43
1.05	Painting	
(a)	Paint Type	
(i)	For Safe Area Motors: Other than our std Acrylic Paint (For Safe Area Motors: Our std paint shade is RAL 5000 Acrylic Paint.)	5% subject to maximum of Rs. 7,000/- <i>If safe area motor is required with AAP, then standard shade will be 632</i>
(ii)	For Hazardous Area Motors (Ex'd', Ex ec): Other than Acid Alkali Proof Paint (For Hazardous Area Motors (Ex'd' & Ex ec): Our standard paint type is Acid Alkali Proof with 632 shade)	5% subject to maximum of Rs. 10,000/-
(b)	Paint Shade	
(i)	For Safe Area Motors: Other than RAL 5000	5% subject to maximum of Rs. 15,000/-
(ii)	For Hazardous Area Motors (Ex'd', Ex ec): Other than 632 shade	5% subject to maximum of Rs. 15,000/-
(c)	Paint Thickness (for AAP type paint)	
(i)	For Additional paint thickness, more than 70 micron and upto 120 micron	5%
(ii)	For additional paint thickness, more than 121 micron and upto 170 micron	7%; But seek a separate confirmation from sales on detailed painting scheme before offering
(iii)	For additional paint thickness, more than 171 micron and upto 220 micron	10%; But seek a separate confirmation from sales on detailed painting scheme before offering
(iv)	For additional paint thickness, more than 221 micron and upto 270 micron	15%; But seek a separate confirmation from sales on detailed painting scheme before offering
(d)	Epoxy Gel Coat on winding overhang (Epoxy gel coat on winding overhang and SS nameplate is standard feature for Hazardous Area Motors i.e. Ex'd', Ex ec motors)	2%
(e)	Shot Blasting	Refer to Sales Office
1.06	Ingress Protection: IP	
(a)	IP56 / IP65 / IP66	5%
1.07	Hazardous Area motors	
(a)	Increased Safety Ex ec Motors as per IS/IEC 60079-7 (Formerly known as Non Sparking Ex 'nA' Motors)	
(i)	IE2 Increased Safety Ex ec Motors	Rs. 750/- or 7.5% on the selected frame of IE2 safe area motor, whichever is higher
(ii)	IE3 Increased Safety Ex ec Motors	Rs. 1,000/- or 7.5% on the selected frame of IE3 safe area motor, whichever is higher
(b)	Flame proof motors for zone 21/22 area with CIMFR test reports, in IE2 and IE3 efficiency series (IP66 is a standard feature in motors for Zone 21 / 22 area)	25% over respective FLP LP; discount not applicable
(c)	Flame Proof Ex 'd' Motors with ATEX/IECEx approval	10%
1.08	Impregnation Schemes	
(a)	Inverter Grade Winding	Frame 63 to 280 : 8% Frame 315 and above : Nil
(b)	Only VPI	Frame 63 to 280 : 5% Frame 315 and above : Nil
(c)	Motors for Inverter Duty: 500 to 690V (Scheme III Insulation)	Refer to sales office

For any non-standard features not mentioned above, kindly contact our nearest sales office

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CASH EXTRAS FOR ADDITIONAL FEATURES

Sr. No.	FEATURES	Cash Extras / Percentage Extras LP43
1.09	Forced Cooling (Fan with motor and Cowl)	Frame: 132 to 160 : Rs. 7,500/-
		Frame: 180 : Rs. 11,000/-
		Frame: 200 to 225 : Rs. 15,000/-
		Frame: 250 to 280 : Rs. 22,000/-
		Frame: 315 to 355 : Rs. 32,000/-
		Frame: 400 to 450 : Rs. 52,000/-
1.10	Provision for Encoder Mounting 132 frame onwards For frame 400 & 450: Refer to sales office	Frame: 132 to 160 : Rs. 3,000/-
		Frame: 180 to 225 : Rs. 7,500/-
		Frame: 250 to 280 : Rs. 14,000/-
		Frame: 315 and 355 : Rs. 22,000/-
1.11	Space Heater for Safe Area Motors :	Frame: 90 to 112 : Rs. 2,000/-
		Frame: 132 to 160 : Rs. 2,200/-
		Frame: 180 to 355 : Rs. 4,500/-
1.12	PESO Approved Space Heater for Increased Safety Ex ec and Flame Proof Ex 'd' Motors Not for ATEX motors Space heater is a standard feature for Ex'd' 315 frame motor	Frame: 80 to 132 : Rs. 3,500/-
		Frame: 160 to 200 : Rs. 4,500/-
		Frame: 225 to 280 : Rs. 5,500/-
		Frame: 315 to 355 : Rs. 7,500/-
1.13	Space Heater for ATEX approved motors	Frame: 80 to 132 : Rs. 7,000/-
		Frame: 160 to 200 : Rs. 9,000/-
		Frame: 225 to 280 : Rs. 11,000/-
		Frame: 315 : Rs. 15,000/-
1.14	Sealing Box for FLP Motors Mandatorily to be considered for applications in Oil Mines & Coal Mines	Frame: 90 to 132 : Rs. 1,850/-
		Frame: 160 to 200 : Rs. 2,200/-
		Frame: 225 to 315 : Rs. 2,400/-
1.15	Cable Glands: Safe Area	Price in Rupees Per Gland
		Frame: 63 to 160 : Rs. 1,500/-
		Frame: 180 to 225 : Rs. 2,500/-
		Frame: 250 to 280 : Rs. 4,000/-
		Frame: 315 : Rs. 4,500/-
Frame: 355 to 450 : Rs. 5,200/-		
1.16	Cable Glands: PESO approved for Ex ec and Ex 'd' ; not for ATEX motors	Price in Rupees Per Gland
		Frame: 80 to 132 : Rs. 2,000/-
		Frame: 160 to 200 : Rs. 5,000/-
		Frame: 225 to 280 : Rs. 8,000/-
Frame: 315 to 355 : Rs. 12,500/-		

For any non-standard features not mentioned above, kindly contact our nearest sales office

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CASH EXTRAS FOR ADDITIONAL FEATURES

Sr. No.	FEATURES	Cash Extras / Percentage Extras LP43
1.17	Cable Glands: for ATEX/IECEx motors	Price in Rupees Per Gland
		Frame: 80 to 160 : Rs. 4,000/-
		Frame: 180 to 225 : Rs. 7,500/-
		Frame: 250 to 315 : Rs. 17,000/-
1.18	Metal Stopping Plug for Safe Area Motors	Refer to Sales Office
1.19	Metal Stopping Plug for Increased Safety Ex ec Motors : 63 to 355 frame and Flame Proof Ex'd' Motors : 80 to 315 frame	Refer to Sales Office
1.20	Metal Stopping Plug for ATEX/IECEx motors	Refer to Sales Office
1.21	Provision for fitment of external brake in IE2 Safe Area and Crane Duty Motors On NDE side e.g. EMCO: Providing Brake mounting arrangement only without brake	Frame: 71 to 80 : Rs. 2,200/-
		Frame: 90 : Rs. 2,700/-
		Frame: 100 to 132 : Rs. 4,500/-
		Frame: 160 to 180 : Rs. 5,800/-
		Frame: 200 : Rs. 8,000/-
1.22	Low Vibration as per IS 12075	
(a)	Reduced Vibration	10%
(b)	Special Vibration	20%
1.23	Bearings	
(a)	Roller Bearing at DE Side in place of ball bearing <i>Safe Area: Frame 160 to 450; Hazardous Area: Frame 160 to 315</i> <i>For Frame 132: subject to confirmation from our nearest sales office</i>	Frame: 160 to 180 : Rs. 3,500/-
		Frame: 200 to 315 : Rs. 5,000/-
		Frame: 355 : Rs. 6,000/-
		Frame: 400 and 450 : Rs. 9,000/-
(b)	Hybrid Bearing (at NDE side)	Frame: 132 : Rs. 14,000/-
		Frame: 160 to 225 : Rs. 17,500/-
(c)	Insulated Bearings (at NDE side)	Frame : 250 to 280 : Rs. 33,000/-
		Frame: 315 : Rs. 34,000/-
		Frame: 355 to 400 : Rs. 47,000/-
		Frame: 450 : Rs. 80,000/-
(d)	WT Bearing:	Refer to Sales Office

For any non-standard features not mentioned above, kindly contact our nearest sales office

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CASH EXTRAS FOR ADDITIONAL FEATURES

Sr. No.	FEATURES	Cash Extras / Percentage Extras LP43
1.24	Other Miscellaneous Features	
(a)	One size Higher Terminal Box	Frame: 71 to 112 : Rs. 500/-
		Frame: 132 and 160 : Rs. 1,750/-
		Frame: 180 : Rs. 3,500/-
		Frame: 200 and 225 : Rs. 4,000/-
		Frame: 250 : Rs. 6,000/-
		Frame: 280 : Rs. 9,000/-
		Frame: 315 and 355 : Rs. 17,500/-
(b)	Cast Iron Terminal Box (<i>where Aluminium is standard</i>)	Frames: 71 to 160 : Rs. 500/-
(c)	Cast Iron Fan (<i>where plastic fan is standard</i>)	3%
(d)	Stainless Steel Hardwares (only for safe area motors)	Frame: 71 to 225 : Rs. 1,500/-
		Frame: 250 and 280 : Rs. 2,500/-
		Frame: 315 : Rs. 3,000/-
		Frame: 355 : Rs. 5,000/-
(e)	Seaworthy/export packing case for home market (Without fumigation certificate)	Frame: 71 to 80 : Rs. 1,000/-
		Frame: 90 to 160 : Rs. 2,000/-
		Frame : 180 to 250 : Rs. 6,000/-
		Frame: 280 to 315 : Rs. 10,000/-
(f)	Longer Flying leads (<i>length not exceeding 1.5m</i>)	Frame: 63 to 90 : Rs. 500/-
		Frame: 100 to 112 : Rs. 800/-
		Frame: 132 to 180 : Rs. 2,000/-
		Frame: 200 to 225 : Rs. 5,000/-
		Frame: 250 to 280 : Rs. 10,000/-
		Frame: 315 : Rs. 16,000/-
(g)	Longer Flying leads (<i>length exceeding 1.5m and less than 3m</i>)	Frame: 63 to 90 : Rs. 900/-
		Frame: 100 to 112 : Rs. 1,400/-
		Frame: 132 to 180 : Rs. 3,800/-
		Frame: 200 to 225 : Rs. 9,000/-
		Frame: 250 to 280 : Rs. 17,000/-
		Frame: 315 : Rs. 28,000/-
(h)	Extra Name Plate / Tag Plate	Rs. 600/-
(i)	Front Bearing locking arrangement	5% till 280 frame

For any non-standard features not mentioned above, kindly contact our nearest sales office

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CASH EXTRAS FOR ADDITIONAL FEATURES

Sr. No.	FEATURES	Cash Extras / Percentage Extras LP43
1.25	Miscellaneous Mechanical Features:	
(a)	Direction Arrow Plate	Rs. 600/-
(b)	Spreader box (frames 180-315 Fr) for safe area Motors	2%
(c)	On Line Greasing Arrangement	For Safe Area :
		Frame: 160 to 200 : Rs. 1,400/-
		For Flame Proof Ex 'd' and Increased Safety Ex ec :
	Frame: 180 to 200 : Rs. 3,500/-	
(d)	SPM Nipples provision : for safe area motors (for 250 fr onwards)	For Frames 250 onwards : Rs. 5,000/-
(e)	High Temperature Grease	Frame: 112 to 160 : Rs. 10,000/-
		Frame: 180 to 225 : Rs. 14,000/-
		Frame: 250 to 280 : Rs. 22,000/-
		Frame: 315 to 355 : Rs. 42,000/-
		Frame: 400 to 450 : Rs. 1,10,000/-
(f)	3, 4 cable Run T Box	Frame 355DCCA, 400 and 450 : Rs. 70,000/-
1.26	Motor with Fabricated body	Frame: 315 : Rs. 90,000/-
		Frame: 355 : Rs. 1,60,000/-

Cash Extra Price Calculations.

- Wherever cash extras are in percentage please add to the list price and then apply discount.
- Where cash extras are in absolute values please add them to the discounted net price i.e. after applying the discount.
No discount applicable on absolute values

For any non-standard features not mentioned above, kindly contact our nearest sales office

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CASH EXTRAS FOR ADDITIONAL FEATURES

Sr. No.	FEATURES	Cash Extras / Percentage Extras LP43
2.00	ELECTRICAL FEATURES	
2.01	Base voltage between 250 to 550V	
(a)	415V, 50Hz	Nil
(b)	Non Standard Voltage 220 / 550V, 50Hz / 60Hz	5%
(c)	Dual voltage	5%
2.02	Longer Core length	10%
2.03	Insulation Class 'H'	10%
2.04	Thermistors: Safe Area Motors: 90 Frame onwards	
(a)	Set of 3 nos PTC Thermistors without controller	Rs. 2,500/-
(b)	Set of 6 nos PTC Thermistors without controller	Rs. 5,000/-
(c)	Thermostats per unit	Rs. 1,000/- ; but seek a separate confirmation from sales before offering
	PESO Approved Thermistors	
(d)	For ATEX/IECEX motors 3nos PTC without controller for ATEX approved motors	Rs. 10,000/-
(e)	Thermistors 3nos: for Increased Safety Ex ec & Flame Proof Ex 'd' motors	Rs. 5,000/-
(f)	Thermistors 6nos: for Increased Safety Ex ec & Flame Proof Ex 'd' motors	Rs. 10,000/-
2.05	Multispeed Motors (safe area only)	
(a)	Single tapped winding upto 8 pole	10% over IE2 safe area, on higher polarity
(b)	Dual speed with separate winding	17.5% over IE2 safe area, on higher price among polarity
(c)	Motors single speed with 10, 12 Poles	15% over IE2 safe area, 8 Pole
2.06	Intermittent Duty Motors (for motors other than standard MC series)	10% on selected frame size
2.07	RTD: for Safe Area motors	
(a)	RTD (Simplex: 3 nos: 1 per phase) : It is a standard for DCCA motors.	Rs. 8,000/-
(b)	RTD (Simplex: 6 nos: 2 per phase) :	Rs. 13,000/-
(c)	RTD (Duplex: 3 Nos: 1 per phase) :	Rs. 13,000/-
(d)	RTD (Duplex: 6Nos: 2 per phase) :	Rs. 26,000/-
2.08	BTD : 2 Nos. (For safe area motors 250 frame onwards (Not for Hazardous Area)	
(a)	BTD: Simplex: It is a standard feature for DCCA motors.	Rs. 8,500/-
(b)	BTD: Duplex: 2 nos	Rs. 10,000/-

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CASH EXTRAS FOR ADDITIONAL FEATURES

Sr. No.	FEATURES	Cash Extras / Percentage Extras LP43
3.00	OTHER CHARGES	
3.01	Routine Testing	Frame: 63 to 160 : Rs. 2,500/-
		Frame: 180 to 225 : Rs. 3,500/-
		Frame: 250 to 450 : Rs. 5,000/-
3.02	Type Testing	Frame: 63 to 132 : Rs. 5,500/-
		Frame: 160 to 225 : Rs. 10,000/-
		Frame: 250 to 315 : Rs. 14,000/-
		Frame: 355 : Rs. 20,000/-
		Frame: 400 to 450 : Rs. 27,000/-
3.03	Combined Testing of Flame Proof Ex 'd' and Increased Safety Ex ec Motors (In presence of approved test house authority)	Frame: 71 to 225 : Rs. 1,90,000/-
		Frame: 250 and above : Rs. 2,00,000/-
3.04	Motor tesing with Inverter Drive (Safe Area) <i>Testing of Safe area motor with VFD: Only temp rise test for motor will be carried out. Test report will be issued only for motor.</i>	Rs. 60,000/- per motor (With BBL certification only.)
3.05	Noise and Vibration Test	Frame: 63 to 225 : Rs. 1,500/-
		Frame 250 and above : Rs. 3,000/-
3.06	(a) Shaft UT Test (per unit)	Rs. 4,000/- per shaft; <i>Minimum charge for this test will be Rs 12,000/- i.e for min 3 nos shafts; For any quantity more than 3 nos the said charge of Rs. 4,000/- per shaft will apply.</i>
	(b) Shaft DP or LPT Test (per unit)	Rs. 7,000/- per shaft; <i>Minimum charge for this test will be Rs. 21,000/- i.e it is for min 3 nos shafts ; For any quantity more than 3 nos the said charge of Rs. 7,000/- per shaft.</i>
3.07	Body DP or LPT Test	Rs. 12,000/ - per motor; <i>Minimum charge for this test will be Rs. 24,000/- i.e it is for min 2 nos ; For any quantity more than 2 nos the said charge of Rs. 12,000/- per motor will apply.</i>

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CASH EXTRAS FOR ADDITIONAL FEATURES

Sr. No.	FEATURES	Cash Extras / Percentage Extras LP43
3.00	OTHER CHARGES	
3.08	Additional running of motor at no load for 30min	Rs. 2,500/- per motor
3.09	Shaft voltage test	Rs. 2,000/- per motor
3.10	Dimensional Inspection	Upto Frame 132 : Rs. 2,000/- per motor Frame 160 and above : Rs. 3,000/- per motor
3.11	Documentation Charges (Technical/Commercial)	
(a)	Documents for approval/submission	Rs. 2,000/-
(b)	Marine Motors' documentation	Refer to Sales Office

Cash Extra Price Calculations.

- (a). Wherever cash extras are in percentage please add to the list price and then apply discount.
 (b). Where cash extras are in absolute values please add them to the discounted net price i.e. after applying the discount.
 No discount applicable on absolute values

Authorised Channel Partner

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