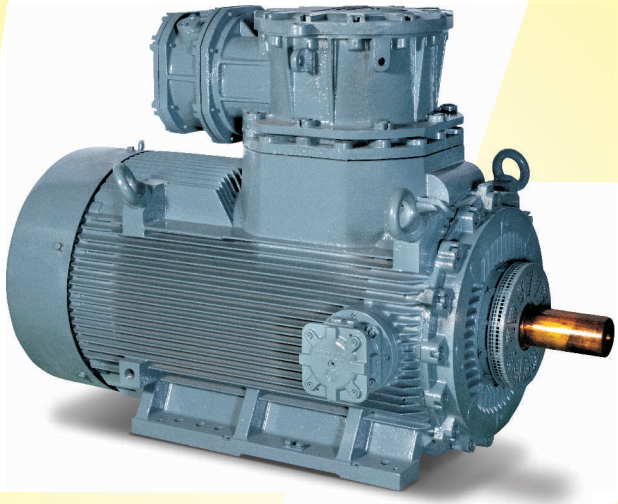
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Bharat Bijlee

MOTORS PRICE LIST

LP48 w.e.f. 11th June 2026



A MOTOR FOR EVERY NEED.

LONG LASTING WIDE RANGE ENERGY EFFICIENT RELIABLE

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MOTORS PRODUCT RANGE



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Special Purpose Motors
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- Crane & Hoist Duty Motors
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High Efficiency Large Frame Motors with DCCA



SynchroVERT®

IE4 Super Premium Efficiency Motors



MV Motors upto 1250kW
- Safe Area Motors: upto 11kV
- Non Sparking Ex(nA) Motors: upto 11kV

Download Catalogues here!

https://www.bharatbijlee.com/electric-motors/catalogues/

Note: For IE4 motors and MV motors, kindly contact our nearest sales office.

PRICE LIST GUIDELINES

1. This Price List : LP48 w.e.f. 11th June' 2026 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 & levies. GST, other taxes & 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 & 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 ±10%, 50Hz ±5%,
Combined Variation ±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	LP48
0.75	1.00	80	2H080213CT000	32,450
1.10	1.50	80	2H080233CT000	36,790
1.50	2.00	90S	2H09S243CT000	43,650
2.20	3.00	90L	2H09L273CT000	51,980
3.70	5.00	100L	2H10L233CT000	64,610
5.50	7.50	132S	2H13S2G3CT000	1,09,850
7.50	10.00	132S	2H13S2N3CT000	1,22,720
9.30	12.50	160M	2H16M233CT000	2,03,040
11.00	15.00	160M	2H16M253CT000	2,23,250
15.00	20.00	160M	2H16M263CT000	2,31,770
18.50	25.00	160L	2H16L293CT000	2,95,590
22.00	30.00	180M	2H18M233CT000	3,40,990
30.00	40.00	200L	2H20L2A3CT000	4,69,930
37.00	50.00	200L	2H20L273CT000	5,56,820
45.00	60.00	225M	2H22M253CT000	7,16,530
55.00	75.00	250M	2H25M233CT000	9,84,600
75.00	100.00	280S	2H28S233CT000	13,07,940
90.00	120.00	280M	2H28M253CT000	15,03,000
110.00	150.00	315S	2H31S233CT000	19,66,730
125.00	170.00	315M	2H31M2A3CT000	22,57,490
132.00	180.00	315M	2H31M233CT000	23,10,450
150.00	200.00	315L	2H31L2A3CT000	25,95,850
160.00	215.00	315L	2H31L253CT000	26,10,720
180.00	240.00	315L	2H31L2C3CT000	27,35,800
200.00	270.00	315L	2H31L2E3CT000	30,80,000
200.00	270.00	355L	2H35L2A300000	32,29,470
250.00	335.00	355L	2H35L21300000	34,99,860
315.00	425.00	355L	2H35L23300000	38,53,510

1500 rpm 4 Pole: Cast Iron Construction

KW	HP	Frame	Type	LP48
0.55	0.75	80	2H080433CT000	32,530
0.75	1.00	80	2H080453CT000	33,010
1.10	1.50	90S	2H09S423CT000	43,030
1.50	2.00	90L	2H09L473CT000	49,460
2.20	3.00	100L	2H10L473CT000	60,620
3.70	5.00	112M	2H11M473CT000	77,990
5.50	7.50	132S	2H13S4K3CT000	1,08,950
7.50	10.00	132M	2H13M4T3CT000	1,25,890
9.30	12.50	160M	2H16M4C3CT000	1,98,210
9.30	12.50	132M	2H13M4H3CT000	1,75,620
11.00	15.00	160M	2H16M4K3CT000	2,01,620
15.00	20.00	160L	2H16L4T3CT000	2,57,700
18.50	25.00	180M	2H18M473CT000	3,34,360
22.00	30.00	180L	2H18L483CT000	3,69,600
30.00	40.00	200L	2H20L453CT000	4,83,380
37.00	50.00	225S	2H22S433CT000	5,53,020
45.00	60.00	225M	2H22M453CT000	6,55,100
55.00	75.00	250M	2H25M433CT000	9,09,110
75.00	100.00	280S	2H28S423CT000	11,87,610
90.00	120.00	280M	2H28M453CT000	13,83,350
110.00	150.00	315S	2H31S413CT000	16,46,910
125.00	170.00	315M	2H31M4A3CT000	18,20,860
132.00	180.00	315M	2H31M433CT000	18,73,230
150.00	200.00	315L	2H31L4A3CT000	22,20,380
160.00	215.00	315L	2H31L453CT000	23,27,050
180.00	240.00	315L	2H31L463CT000	24,71,760
200.00	270.00	315L	2H31L473CT000	25,50,300
250.00	335.00	355L	2H35L41300000	34,71,790
315.00	425.00	355L	2H35L43300000	40,38,130
355.00	475.00	355L	2H35L45300000	48,19,420

3000 rpm 2 Pole: Aluminium Construction

KW	HP	Frame	Type	LP48
0.12	0.16	56	2H056235AT000	18,830
0.18	0.24	63	2H063213AT000	20,330
0.25	0.33	63	2H063233AT000	20,930
0.37	0.50	71	2H0712A3AT000	23,760
0.55	0.75	71	2H071233AT000	30,530
0.75	1.00	80	2H080213AT000	31,500
1.10	1.50	80	2H080233AT000	34,380
1.50	2.00	90S	2H09S243AT000	40,470
2.20	3.00	90L	2H09L273AT000	50,480
3.70	5.00	100L	2H10L233AT000	65,050
5.50	7.50	132S	2H13S2G3AT000	1,06,640
7.50	10.00	132S	2H13S2N3AT000	1,17,230

1500 rpm 4 Pole: Aluminium Construction

KW	HP	Frame	Type	LP48
0.12	0.16	63	2H063413AT000	19,290
0.18	0.25	63	2H063433AT000	21,810
0.25	0.33	71	2H0714A3AT000	22,100
0.37	0.50	71	2H071433AT000	24,430
0.55	0.75	80	2H080433AT000	31,590
0.75	1.00	80	2H080453AT000	32,930
1.10	1.50	90S	2H09S423AT000	39,840
1.50	2.00	90L	2H09L473AT000	48,010
2.20	3.00	100L	2H10L473AT000	58,850
3.70	5.00	112M	2H11M473AT000	72,880
5.50	7.50	132S	2H13S4K3AT000	1,01,910
7.50	10.00	132M	2H13M4T3AT000	1,18,880
9.30	12.50	132M	2H13M4H3AT000	1,70,490

Frame 56 is available only in Aluminium body with flange mounting arrangement.
Refer our technical catalogues for standard & optional Terminal Box Positions & other details.

Prices are exclusive of GST, other taxes & levies. GST, other taxes & 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 ±10%, 50Hz ±5%,
Combined Variation ±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	LP48
0.37	0.50	80	2H080613CT000	36,040
0.55	0.75	80	2H080633CT000	36,870
0.75	1.00	90S	2H09S633CT000	41,520
1.10	1.50	90L	2H09L653CT000	46,920
1.50	2.00	100L	2H10L633CT000	64,490
2.20	3.00	112M	2H11M653CT000	73,200
3.70	5.00	132S	2H13S6G3CT000	1,13,510
5.50	7.50	132M	2H13M6T3CT000	1,37,420
7.50	10.00	160M	2H16M633CT000	2,00,690
9.30	12.50	160L	2H16L663CT000	2,33,010
11.00	15.00	160L	2H16L673CT000	2,46,860
15.00	20.00	180L	2H18L633CT000	3,34,380
18.50	25.00	200L	2H20L633CT000	4,35,880
22.00	30.00	200L	2H20L653CT000	4,76,960
30.00	40.00	225M	2H22M643CT000	6,58,270
37.00	50.00	250M	2H25M633CT000	9,02,010
45.00	60.00	280S	2H28S613CT000	11,69,550
55.00	75.00	280M	2H28M633CT000	13,43,760
75.00	100.00	315S	2H31S613CT000	15,15,730
90.00	120.00	315M	2H31M633CT000	18,79,830
110.00	150.00	315M	2H31M653CT000	21,13,670
125.00	170.00	315L	2H31L6A3CT000	24,08,210
132.00	180.00	315L	2H31L673CT000	24,68,440
150.00	200.00	315L	2H31L6B3CT000	25,05,550
160.00	215.00	315L	2H31L693CT000	26,87,120
180.00	240.00	355L	2H35L6A300000	31,74,140
200.00	270.00	355L	2H35L61300000	35,90,260
250.00	335.00	355L	2H35L63300000	37,45,860

750 rpm 8 Pole: Cast Iron Construction

KW	HP	Frame	Type	LP48
0.18	0.25	80	2H080813CT000	33,810
0.25	0.33	80	2H080833CT000	37,450
0.37	0.50	90S	2H09S813CT000	47,050
0.55	0.75	90L	2H09L853CT000	51,510
0.75	1.00	100L	2H10L813CT000	63,290
1.10	1.50	100L	2H10L833CT000	71,640
1.50	2.00	112M	2H11M813CT000	85,490
2.20	3.00	132S	2H13S8B3CT000	1,12,990
3.70	5.00	160M	2H16M813CT000	1,83,570
5.50	7.50	160M	2H16M833CT000	2,23,510
7.50	10.00	160L	2H16L863CT000	2,71,370
9.30	12.50	180M	2H18M833CT000	3,65,050
11.00	15.00	180L	2H18L873CT000	3,84,980
15.00	20.00	200L	2H20L843CT000	5,09,520
18.50	25.00	225S	2H22S823CT000	6,54,390
22.00	30.00	225M	2H22M833CT000	7,86,420
30.00	40.00	250M	2H25M813CT000	10,61,880
37.00	50.00	280S	2H28S823CT000	14,23,090
45.00	60.00	280M	2H28M853CT000	15,27,180
55.00	75.00	315S	2H31S813CT000	16,33,470
75.00	100.00	315M	2H31M833CT000	20,28,270
90.00	120.00	315M	2H31M853CT000	27,46,580
110.00	150.00	315L	2H31L873CT000	30,39,770
125.00	170.00	315L	2H31L8A3CT000	31,94,590
132.00	180.00	315L	2H31L893CT000	33,68,680

1000 rpm 6 Pole: Aluminium Construction

KW	HP	Frame	Type	LP48
0.18	0.25	71	2H0716A3AT000	26,020
0.25	0.33	71	2H071633AT000	27,060
0.37	0.50	80	2H080613AT000	34,340
0.55	0.75	80	2H080633AT000	35,480
0.75	1.00	90S	2H09S633AT000	39,900
1.10	1.50	90L	2H09L653AT000	44,000
1.50	2.00	100L	2H10L633AT000	62,640
2.20	3.00	112M	2H11M653AT000	69,800
3.70	5.00	132S	2H13S6G3AT000	1,07,060
5.50	7.50	132M	2H13M6T3AT000	1,28,420

750 rpm 8 Pole: Aluminium Construction

KW	HP	Frame	Type	LP48
0.12	0.16	71	2H071833AT000	30,780
0.18	0.25	80	2H080813AT000	32,830
0.25	0.33	80	2H080833AT000	36,350
0.37	0.50	90S	2H09S813AT000	45,670
0.55	0.75	90L	2H09L853AT000	49,540
0.75	1.00	100L	2H10L813AT000	61,450
1.10	1.50	100L	2H10L833AT000	71,490
1.50	2.00	112M	2H11M813AT000	83,010
2.20	3.00	132S	2H13S8B3AT000	1,09,690

Refer our technical catalogues for standard & optional Terminal Box Positions & other details.

Prices are exclusive of GST, other taxes & levies. GST, other taxes & 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 : Aluminium Construction

KW	HP	Frame	Type	LP48
0.37	0.50	71	2H0712A3AT0V0	25,680
0.55	0.75	71	2H071233AT0V0	32,970
0.75	1.00	80	2H080213AT0V0	34,030
1.10	2.00	80	2H080233AT0V0	37,130
1.50	2.00	90S	2H09S243AT0V0	43,700
2.20	3.00	90L	2H09L273AT0V0	54,520
3.70	5.00	100L	2H10L233AT0V0	70,260
5.50	7.50	132S	2H13S2G3AT0V0	1,15,160
7.50	10.00	132S	2H13S2N3AT0V0	1,26,620

3000 rpm 2 Pole : Cast Iron Construction

KW	HP	Frame	Type	LP48
9.30	12.50	160M	2H16M233CT0V0	2,19,290
11.00	15.00	160M	2H16M253CT0V0	2,41,090
15.00	20.00	160M	2H16M263CT0V0	2,50,300
22.00	30.00	180M	2H18M233CT0V0	3,68,270
30.00	40.00	200L	2H20L2A3CT0V0	5,07,530

1500 rpm 4 Pole : Aluminium Construction

KW	HP	Frame	Type	LP48
0.55	0.75	80	2H080433AT0V0	34,120
0.75	1.00	80	2H080453AT0V0	35,570
1.10	1.50	90S	2H09S423AT0V0	43,040
1.50	2.00	90L	2H09L473AT0V0	51,850
2.20	3.00	100L	2H10L473AT0V0	63,560
3.70	5.00	112M	2H11M473AT0V0	78,710
5.50	7.50	132S	2H13S4K3AT0V0	1,10,060
7.50	10.00	132M	2H13M4T3AT0V0	1,28,390

1500 rpm 4 Pole : Cast Iron Construction

KW	HP	Frame	Type	LP48
9.30	12.50	160M	2H16M4C3CT0V0	2,14,060
11.00	15.00	160M	2H16M4K3CT0V0	2,17,750
15.00	20.00	160L	2H16L4T3CT0V0	2,78,330
22.00	30.00	180L	2H18L483CT0V0	3,99,160
30.00	40.00	200L	2H20L453CT0V0	5,22,040

1000 rpm 6 Pole : Aluminium Construction

KW	HP	Frame	Type	LP48
0.37	0.50	80	2H080613AT0V0	37,090
0.55	0.75	80	2H080633AT0V0	38,310
0.75	1.00	90S	2H09S633AT0V0	43,090
1.10	1.50	90L	2H09L653AT0V0	47,520
1.50	2.00	100L	2H10L633AT0V0	67,650
2.20	3.00	112M	2H11M653AT0V0	75,380
3.70	5.00	132S	2H13S6G3AT0V0	1,15,630
5.50	7.50	132M	2H13M6T3AT0V0	1,38,700

1000 rpm 6 Pole : Cast Iron Construction

KW	HP	Frame	Type	LP48
7.50	10.00	160M	2H16M633CT0V0	2,16,750
11.00	15.00	160L	2H16L673CT0V0	2,66,610
15.00	20.00	180L	2H18L633CT0V0	3,61,130
22.00	30.00	200L	2H20L653CT0V0	5,15,100
30.00	40.00	225M	2H22M643CT0V0	7,10,940

Refer our technical catalogues for standard & optional Terminal Box Positions & other details.

Prices are exclusive of GST, other taxes & levies. GST, other taxes & 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 ±10%, 50Hz ±5%,
Combined Variation ±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	LP48
0.75	1.00	80	3H0802B3CT000	36,640
1.10	1.50	80	3H0802E3CT000	39,920
1.50	2.00	90S	3H09S2B3CT000	48,550
2.20	3.00	90L	3H09L2E3CT000	58,730
3.70	5.00	100L	3H10L2B3CT000	82,470
5.50	7.50	132S	3H13S2C3CT000	1,29,660
7.50	10.00	132S	3H13S2H3CT000	1,34,000
9.30	12.50	160M	3H16M2B3CT000	2,13,360
11.00	15.00	160M	3H16M2E3CT000	2,26,710
15.00	20.00	160M	3H16M2H3CT000	2,52,110
18.50	25.00	160L	3H16L2M3CT000	3,18,000
22.00	30.00	180M	3H18M2B3CT000	3,61,650
30.00	40.00	200L	3H20L2B3CT000	5,42,630
37.00	50.00	200L	3H20L2E3CT000	6,37,110
45.00	60.00	225M	3H22M2B3CT000	8,35,350
55.00	75.00	250M	3H25M2E3CT000	10,41,560
75.00	100.00	280S	3H28S2E3CT000	14,10,990
90.00	120.00	280M	3H28M2H3CT000	16,28,320
110.00	150.00	315S	3H31S2E3CT000	20,81,460
132.00	180.00	315L	3H31L2H3CT000	25,13,870
150.00	200.00	315L	3H31L2K3CT000	27,01,300
160.00	215.00	315L	3H31L2M3CT000	27,67,520
180.00	240.00	315L	3H31L2C3CT000	28,35,500
200.00	270.00	315L	3H31L2E3CT000	31,61,000
180.00	240.00	355L	3H35L2A3CT000	32,13,660
200.00	270.00	355L	3H35L2B3CT000	31,77,630
225.00	300.00	355L	3H35L2C3CT000	35,93,060
250.00	335.00	355L	3H35L2E3CT000	37,24,720
280.00	375.00	355L	3H35L2G3CT000	40,14,890

1500 rpm 4 Pole: Cast Iron Construction

KW	HP	Frame	Type	LP48
0.55	0.75	80	3H0804B3CT000	37,270
0.75	1.00	80	3H0804E3CT000	39,000
1.10	1.50	90S	3H09S4B3CT000	47,540
1.50	2.00	90L	3H09L4E3CT000	53,810
2.20	3.00	100L	3H10L4B3CT000	68,670
3.70	5.00	112M	3H11M4B3CT000	87,030
5.50	7.50	132S	3H13S4C3CT000	1,21,000
7.50	10.00	132M	3H13M4H3CT000	1,45,770
9.30	12.50	160M	3H16M4E3CT000	2,23,320
11.00	15.00	160M	3H16M4H3CT000	2,30,940
15.00	20.00	160L	3H16L4M3CT000	2,84,150
18.50	25.00	180M	3H18M4B3CT000	3,53,730
22.00	30.00	180L	3H18L4E3CT000	3,87,050
30.00	40.00	200L	3H20L4B3CT000	5,25,260
37.00	50.00	225S	3H22S4B3CT000	6,55,030
45.00	60.00	225M	3H22M4E3CT000	7,93,530
55.00	75.00	250M	3H25M4B3CT000	9,72,450
75.00	100.00	280S	3H28S4B3CT000X	12,87,180
90.00	120.00	280M	3H28M4H3CT000X	15,00,640
110.00	150.00	315S	3H31S4G3CT000	17,83,750
132.00	180.00	315M	3H31M4K3CT000	20,42,630
160.00	215.00	315L	3H31L4P3CT000	25,71,420
180.00	240.00	315L	3H31L4T3CT000	29,20,200
200.00	270.00	315L	3H31L4W3CT000	30,98,220
225.00	300.00	355L	3H35L4B3CT000	36,57,000
250.00	335.00	355L	3H35L4E3CT000	39,00,020
315.00	422.00	355L	3H35L4H3CT000	44,35,490

New **Higher Output Ratings**

1500 rpm 4 Pole: Cast Iron Construction

KW	HP	Frame	Type	LP48
110.00	150.00	280M	3H28M4F3CT000	16,51,340
132.00	180.00	280M	3H28M4M3CT000	18,83,220

3000 rpm 2 Pole: Aluminium Construction

KW	HP	Frame	Type	LP48
0.12	0.16	56	3H056235AT000	21,880
0.18	0.24	63	3H063213AT000	24,080
0.25	0.33	63	3H063233AT000	25,350
0.37	0.5	71	3H071233AT000	27,380
0.55	0.75	71	3H071253AT000	34,510
0.75	1.00	80	3H0802B3AT000	35,640
1.10	1.50	80	3H0802E3AT000	39,920
1.50	2.00	90S	3H09S2B3AT000	47,310
2.20	3.00	90L	3H09L2E3AT000	58,730
3.70	5.00	100L	3H10L2B3AT000	78,140
5.50	7.50	132S	3H13S2C3AT000	1,29,660
7.50	10.00	132S	3H13S2H3AT000	1,34,000

1500 rpm 4 Pole: Aluminium Construction

KW	HP	Frame	Type	LP48
0.12	0.16	63	3H063433AT000	24,350
0.18	0.25	63	3H063453AT000	24,590
0.25	0.33	71	3H071453AT000	25,190
0.37	0.5	71	3H071463AT000	28,140
0.55	0.75	80	3H0804B3AT000	36,580
0.75	1.00	80	3H0804E3AT000	38,230
1.10	1.50	90S	3H09S4B3AT000	46,570
1.50	2.00	90L	3H09L4E3AT000	53,810
2.20	3.00	100L	3H10L4B3AT000	67,520
3.70	5.00	112M	3H11M4B3AT000	85,480
5.50	7.50	132S	3H13S4C3AT000	1,16,430
7.50	10.00	132M	3H13M4H3AT000	1,45,770

Frame 56 is available only in Aluminium body with flange mounting arrangement.
Refer our technical catalogues for standard & optional Terminal Box Positions & other details.

Prices are exclusive of GST, other taxes & levies. GST, other taxes & 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 ±10%, 50Hz ±5%,
Combined Variation ±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	LP48
0.37	0.50	80	3H0806B3CT000	40,930
0.55	0.75	80	3H0806E3CT000	42,890
0.75	1.00	90S	3H09S6B3CT000	50,140
1.10	1.50	90L	3H09L6E3CT000	55,340
1.50	2.00	100L	3H10L6B3CT000	82,650
2.20	3.00	112M	3H11M6B3CT000	88,820
3.70	5.00	132S	3H13S6C3CT000	1,29,770
5.50	7.50	132M	3H13M6H3CT000	1,60,970
7.50	10.00	160M	3H16M6B3CT000	2,33,830
9.30	12.50	160L	3H16L6E3CT000	2,54,770
11.00	15.00	160L	3H16L6H3CT000	2,87,730
15.00	20.00	180L	3H18L6B3CT000	3,91,860
18.50	25.00	200L	3H20L6B3CT000	5,01,290
22.00	30.00	200L	3H20L6E3CT000	5,38,410
30.00	40.00	225M	3H22M6B3CT000	7,73,840
37.00	50.00	250M	3H25M6B3CT000	9,66,480
45.00	60.00	280S	3H28S6B3CT000	13,24,440
55.00	75.00	280M	3H28M6E3CT000	14,93,460
75.00	100.00	315S	3H31S6B3CT000	16,76,550
90.00	120.00	315M	3H31M6E3CT000	20,39,510
110.00	150.00	315M	3H31M6H3CT000	22,51,550
132.00	180.00	315L	3H31L6M3CT000	27,89,310
160.00*	215.00	355L	3H35L6B3CT000	30,91,080
180.00	240.00	355L	3H35L6C3CT000	39,15,070
200.00	270.00	355L	3H35L6E3CT000	40,60,100
250.00	335.00	355L	3H35L643CT000	45,72,990

750 rpm 8 Pole: Cast Iron Construction

KW	HP	Frame	Type	LP48
0.18	0.25	80	3H080813CT000	44,130
0.25	0.33	80	3H080833CT000	48,160
0.37	0.50	90S	3H09S853CT000	51,310
0.55	0.75	90L	3H09L863CT000	56,220
0.75	1.00	100L	3H10L833CT000	69,130
1.10	1.50	100L	3H10L853CT000	84,000
1.50	2.00	112M	3H11M833CT000	97,200
2.20	3.00	132S	3H13S8B3CT000	1,28,710
3.70	5.00	160M	3H16M823CT000	2,00,180
5.50	7.50	160M	3H16M843CT000	2,96,990
7.50	10.00	160L	3H16L883CT000	3,17,080
9.30	12.50	180M	3H18M873CT000	4,11,830
11.00	15.00	180L	3H18L893CT000	4,34,350
15.00	20.00	200L	3H20L853CT000	5,92,100
18.50	25.00	225S	3H22S823CT000	7,59,510
22.00	30.00	225M	3H22M833CT000	9,13,100
30.00	40.00	250M	3H25M813CT000	12,32,860
37.00	50.00	280S	3H28S823CT000	16,76,470
45.00	60.00	280M	3H28M853CT000	18,01,100
55.00	75.00	315S	3H31S813CT000	18,96,180
75.00	100.00	315M	3H31M833CT000	23,54,420
90.00	120.00	315M	3H31M853CT000	31,88,040
110.00	150.00	315L	3H31L873CT000	33,75,070
125.00	170.00	315L	3H31L8A3CT000	37,08,100
132.00	180.00	315L	3H31L893CT000	39,10,220

1000 rpm 6 Pole: Aluminium Construction

KW	HP	Frame	Type	LP48
0.18	0.25	71	3H071633AT000	36,570
0.25	0.33	71	3H071653AT000	36,980
0.37	0.50	80	3H0806B3AT000	39,340
0.55	0.75	80	3H0806E3AT000	41,220
0.75	1.00	90S	3H09S6B3AT000	46,900
1.10	1.50	90L	3H09L6E3AT000	51,550
1.50	2.00	100L	3H10L6B3AT000	76,870
2.20	3.00	112M	3H11M6B3AT000	83,500
3.70	5.00	132S	3H13S6C3AT000	1,23,440
5.50	7.50	132M	3H13M6H3AT000	1,48,090

750 rpm 8 Pole: Aluminium Construction

KW	HP	Frame	Type	LP48
0.12	0.16	71	3H071833AT000	32,490
0.18	0.25	80	3H080813AT000	44,130
0.25	0.33	80	3H080833AT000	48,160
0.37	0.5	90S	3H09S853AT000	51,310
0.55	0.75	90L	3H09L863AT000	56,220
0.75	1	100L	3H10L833AT000	69,130
1.10	1.5	100L	3H10L853AT000	84,000
1.50	2	112M	3H11M833AT000	97,200
2.20	3	132S	3H13S8B3AT000	1,28,710

* This rating can also be given in 315L frame. Kindly route through MTO route for same.
Refer our technical catalogues for standard & optional Terminal Box Positions & other details.

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

IE4 Induction Series Safe Area Motors

Foot mounted (B3 construction), 3 Phase Squirrel Cage Induction Motors suitable for 415V ±10%, 50Hz ±5%,
Combined Variation ±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	LP48
30.00	40.00	200L	4G20L2A3CT000	7,79,540
37.00	50.00	200L	4G20L2B3CT000	9,23,470
45.00	60.00	225M	4G22M2A3CT000	11,88,430
55.00	75.00	250M	4G25M2A3CT000	15,99,720
75.00	100.00	280S	4G28S2A3CT000	19,74,860
90.00	120.00	280M	4G28M2B3CT000	22,77,980

1500 rpm 4 Pole: Cast Iron Construction

KW	HP	Frame	Type	LP48
30.00	40.00	200L	4G20L4A3CT000	8,38,140
37.00	50.00	225S	4G22S4A3CT000	8,95,990
45.00	60.00	225M	4G22M4B3CT000	10,86,070
55.00	75.00	250M	4G25M4A3CT000	14,92,470
75.00	100.00	280S	4G28S4A3CT000	17,95,340
90.00	120.00	280M	4G28M4B3CT000	20,91,230

1000 rpm 6 Pole: Cast Iron Construction

KW	HP	Frame	Type	LP48
18.50	25.00	200L	4G20L6A3CT000	7,16,370
22.00	30.00	200L	4G20L6B3CT000	7,87,860
30.00	40.00	225M	4G22M6A3CT000	11,12,790
37.00	50.00	250M	4G25M6A3CT000	14,96,430
45.00	60.00	280S	4G28S6A3CT000	18,42,610
55.00	75.00	280M	4G28M6B3CT000	21,15,980

750 rpm 8 Pole: Cast Iron Construction

KW	HP	Frame	Type	LP48
15.00	20	200L	4G20L8X3CT000	Refer to Sales Office
18.50	25	225S	4G22S8X3CT000	
22.00	30	225M	4G22M8X3CT000	
30.00	40	250M	4G25M8X3CT000	
37.00	50	280S	4G28S8X3CT000	
45.00	60	280M	4G28M8X3CT000	

Motors are with Terminal Box at Top as standard feature
On request motors can be offered with Terminal Box on RHS / LHS.

For other ratings, please refer to nearest sales office

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

SynchroVert® IE4 - Super Premium Efficiency - Safe Area

Foot mounted (B3 construction), 3 Phase Line Start Permanant Magnet Synchronous Motor (LS PMSM) **SynchroVert® IE4** Motors suitable for 415V ±10%, 50Hz ±5%, Combined Variation ±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.

1500 rpm 4 Pole: Safe Area

kW	HP	Type Ref.	Frame	LP48
1.50	2.00	4H11M4N300000	112M	1,00,360
2.20	3.00	4H11M4S300000	112M	1,11,190
3.70	5.00	4H11M4T300000	112M	1,39,340
3.70	5.00	4H13S4W300000	132S	1,61,680
5.50	7.50	4H13S4F300000	132S	1,80,950
7.50	10.00	4H13M4M300000	132M	2,19,400
11.00	15.00	4H16M4N300000	160M	3,94,340
15.00	20.00	4H16L4B300000	160M/L	4,72,040
18.50	25.00	4H18M4R300000	180M	5,40,110
22.00	30.00	4H18L4T300000	180L	6,43,190
30.00	40.00	4H20L4W300000	200L	7,65,320
37.00	50.00	4H22S4P300000	225S	10,94,210
45.00	60.00	4H22M4W300000	225M	12,45,310
55.00	75.00	4H25M4W300000	250M	15,72,080

1000 rpm 6 Pole: Safe Area

kW	HP	Type Ref.	Frame	LP48
18.50	25.00	4H20L6R3G	200L	6,18,210
22.00	30.00	4H20L6S3G	200L	8,07,220
30.00	40.00	4H20L6W3G	200L	8,47,160
37.00	50.00		225M	11,74,230

3000 rpm 2 Pole: Safe Area

kW	HP	Type Ref.	Frame	LP48
3.70	5.00	4H13S2W300000	132SM	1,68,110
5.50	7.50	4H13S2F300000	132SM	2,01,520
7.50	10.00	4H13M2M300000	132M	2,22,800

Foot mounted (B3 construction) 3Phase Line Start Permanant Magnet Synchronous Motor (LS PMSM) **SynchroVert®** IE4 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.

1500 rpm 4 Pole: Flameproof (Ex d)

kW	HP	Type Ref.	Frame	LP48
1.50	2.00	4J11M4N3G	F112M	1,81,740
2.20	3.00	4J11M4S3G	F112M	1,95,780
3.70	5.00	4J13S4W3G	F132S	2,83,280
5.50	7.50	4J13S4F3G	F132S	2,99,600
7.50	10.00	4J13M4M3G	F132M	3,54,670
11.00	15.00	4J18L4N3G	F180L	6,10,280
15.00	20.00	4J18L4W3G	F180L	7,21,460
18.50	25.00	4J18L4R3G	F180L	7,50,700

SynchroVert® IE5 - Ultra Premium Efficiency

Foot mounted (B3 construction), 3 Phase Line Start Permanant Magnet Synchronous Motor (LS PMSM) **SynchroVert®** IE5 Motors suitable for 415V ±10%, 50Hz ±5%, Combined Variation ±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.

1500 rpm 4 Pole: Safe Area

kW	HP	Type Ref.	Frame	LP48
3.70	5.00	5H13S4W300000	132S	1,94,020
5.50	7.50	5H13S4J300000	132S	2,17,140
7.50	10.00	5H13M4M300000	132M	2,63,280
11.00	15.00	5H16M4N300000	160M	4,73,210
15.00	20.00	5H16L4B300000	160L	5,66,450
18.50	25.00	5H18M4R300000	180M	6,48,130
22.00	30.00	5H18L4T300000	180L	7,71,830
30.00	40.00	5H20L4W300000	200L	9,18,390
37.00	50.00	5H22S4P300000	225S	13,13,050
45.00	60.00	5H22M4W300000	225M	14,94,370

3000 rpm 2 Pole: Safe Area

kW	HP	Type Ref.	Frame	LP48
3.70	5.00	5H13S2W300000	132SM	2,01,740
5.50	7.50	5H13S2F300000	132SM	2,41,830
7.50	10.00	5H13M2M300000	132M	2,67,360

Note: Offered IE4 and IE5 motors are Line Start PMSM motors, synchronous speed (1500 rpm for 4 Pole) & if replacing with old Induction motor then Load speed has to be adjusted with trimming / change of Pulley in the ratio Induction motor speed say 1450 to 1500 RPM or with VFD by adjusting supply frequency.

FLP Motors : Standard Range

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.

3000 rpm, 2 Pole

KW	HP	Frame	Type	LP48
0.37	0.50	80	MD0802A300000	57,720
0.55	0.75	80	MD0802B300000	63,290
0.75	1.00	80	MD08021300000	65,220
1.1	1.50	80	MD08023300000	76,240
1.5	2.00	90L	MD09L23300000	79,550
2.2	3.00	90L	MD09L25300000	1,01,860
3.7	5.00	100L	MD10L21300000	1,35,870
5.5	7.50	132S	MD13S2B300000	1,91,980
7.5	10.00	132S	MD13S2E300000	2,12,130
9.3	12.50	132M	MD13M2N300000	3,83,800
11	15.00	160M	MD16M21300000	3,88,000
15	20.00	160M	MD16M25300000	4,25,810
18.5	25.00	160L	MD16L27300000	4,80,000
22	30.00	180L	MD18L21300000	5,77,170
30	40.00	200L	MD20L23300000	7,65,410
37	50.00	200L	MD20L25300000	9,93,100
45	60.00	225M	MD22M23300000	12,60,490
55	75.00	250M	MD25M21300000	16,34,330
75	100.00	280S	MD28S21300000	20,10,690
90	120.00	280M	MD28M23300000	21,44,220

1500 rpm, 4 Pole

KW	HP	Frame	Type	LP48
0.37	0.50	80	MD0804A300000	56,680
0.55	0.75	80	MD08041300000	61,380
0.75	1.00	80	MD08043300000	63,840
1.1	1.50	90L	MD09L43300000	79,400
1.5	2.00	90L	MD09L45300000	84,410
2.2	3.00	100L	MD10L43300000	1,07,400
3.7	5.00	112M	MD11M43300000	1,33,280
5.5	7.50	132S	MD13S4B300000	1,83,230
7.5	10.00	132M	MD13M4K300000	2,08,880
9.3	12.50	160M	MD16M4A300000	3,31,320
11	15.00	160M	MD16M4C300000	3,33,660
15	20.00	160L	MD16L4K300000	4,01,950
18.5	25.00	180L	MD18L43300000	4,62,370
22	30.00	180L	MD18L47300000	5,49,660
30	40.00	200L	MD20L43300000	7,27,800
37	50.00	225S	MD22S41300000	9,05,130
45	60.00	225M	MD22M43300000	11,46,560
55	75.00	250M	MD25M41300000	14,88,610
75	100.00	280S	MD28S41300000	18,23,100
90	120.00	280M	MD28M43300000	18,60,640

1000 rpm 6 Pole

KW	HP	Frame	Type	LP48
0.37	0.50	80	MD08061300000	64,660
0.55	0.75	80	MD08063300000	69,680
0.75	1.00	90L	MD09L63300000	80,900
1.10	1.50	90L	MD09L65300000	84,900
1.50	2.00	100L	MD10L63300000	1,20,480
2.20	3.00	112M	MD11M63300000	1,40,000
3.70	5.00	132S	MD13S6B300000	1,85,490
5.50	7.50	132M	MD13M6N300000	2,24,820
7.50	10.00	160M	MD16M63300000	3,56,970
9.30	12.50	160L	MD16L66300000	4,00,420
11.00	15.00	160L	MD16L67300000	4,16,910
15.00	20.00	180L	MD18L61300000	5,57,420
18.50	25.00	200L	MD20L61300000	6,95,880
22.00	30.00	200L	MD20L63300000	7,54,860
30.00	40.00	225M	MD22M62300000	11,79,980
37.00	50.00	250M	MD25M60300000	15,35,880
45.00	60.00	280S	MD28S61300000	17,83,770
55.00	75.00	280M	MD28M63300000	19,24,000

750 rpm 8 Pole

KW	HP	Frame	Type	LP48
0.37	0.50	90L	MD09L83300000	77,640
0.55	0.75	90L	MD09L85300000	84,040
0.75	1.00	100L	MD10L81300000	1,01,660
1.10	1.50	100L	MD10L83300000	1,18,030
1.50	2.00	112M	MD11M81300000	1,41,750
2.20	3.00	132S	MD13S8B300000	1,87,560
3.70	5.00	160M	MD16M81300000	3,03,160
5.50	7.50	160M	MD16M83300000	3,55,830
7.50	10.00	160L	MD16L87300000	4,33,870
9.30	12.50	180L	MD18L81300000	5,52,250
11.00	15.00	180L	MD18L83300000	6,02,990
15.00	20.00	200L	MD20L83300000	7,86,350
18.50	25.00	225S	MD22S81300000	9,76,210
22.00	30.00	225M	MD22M83300000	12,84,820
30.00	40.00	250M	MD25M81300000	15,77,960
37.00	50.00	280S	MD28S82300000	20,24,960
45.00	60.00	280M	MD28M85300000	20,67,560

Refer our technical catalogues for standard & optional Terminal Box Positions & other details.

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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.

3000 rpm, 2 Pole

KW	HP	Frame	Type	LP48
0.37	0.50	80	2J0802A300000	62,270
0.55	0.75	80	2J0802B300000	69,640
0.75	1.00	80	2J08021300000	71,740
1.10	1.50	80	2J08023300000	83,860
1.50	2.00	90L	2J09L24300000	85,820
2.20	3.00	90L	2J09L27300000	1,12,020
3.70	5.00	100L	2J10L23300000	1,49,460
5.50	7.50	132S	2J13S2G300000	2,11,170
7.50	10.00	132S	2J13S2N300000	2,33,340
9.30	12.50	160M	2J16M23300000	4,22,180
11.00	15.00	160M	2J16M25300000	4,26,790
15.00	20.00	160M	2J16M26300000	4,68,390
18.50	25.00	160L	2J16L29300000	5,27,990
22.00	30.00	180L	2J18L23300000	6,34,900
30.00	40.00	200L	2J20L2A300000	8,41,940
37.00	50.00	200L	2J20L25300000	10,92,420
45.00	60.00	225M	2J22M25300000	13,86,540
55.00	75.00	250M	2J25M23300000	17,97,760
75.00	100.00	280M	2J28M23300000	22,11,750
90.00	120.00	280M	2J28M25300000	23,58,650
110.00	150.00	315S	2J31S23300000	26,11,970
125.00	170.00	315M	2J31M2A300000	30,54,120
132.00	180.00	315M	2J31M23300000	30,99,920
150.00	200.00	315L	2J31L2A300000	33,65,930
160.00	215.00	315L	2J31L25300000	35,14,520
180.00	240.00	315L	2J31L2B300000	42,13,670
200.00	270.00	315L	2J31L29300000	52,34,900
225.00	300.00	355L	2J35L2M3G	Refer Sales Office
250.00	335.00	355L	2J35L223G	
280.00	375.00	355L	2J35L233G	

1500 rpm, 4 Pole

KW	HP	Frame	Type	LP48
0.37	0.50	80	2J08041300000	61,180
0.55	0.75	80	2J08043300000	67,530
0.75	1.00	80	2J08045300000	70,220
1.10	1.50	90L	2J09L42300000	85,690
1.50	2.00	90L	2J09L47300000	91,090
2.20	3.00	100L	2J10L47300000	1,15,890
3.70	5.00	112M	2J11M47300000	1,46,610
5.50	7.50	132S	2J13S4K300000	2,01,540
7.50	10.00	132M	2J13M4T300000	2,29,780
9.30	12.50	160M	2J16M4C300000	3,64,460
11.00	15.00	160M	2J16M4K300000	3,67,040
15.00	20.00	160L	2J16L4T300000	4,42,160
18.50	25.00	180L	2J18L47300000	5,08,610
22.00	30.00	180L	2J18L48300000	6,04,630
30.00	40.00	200L	2J20L45300000	8,00,570
37.00	50.00	225S	2J22S43300000	9,95,640
45.00	60.00	225M	2J22M45300000	12,61,220
55.00	75.00	250M	2J25M43300000	16,37,480
75.00	100.00	280S	2J28S42300000	20,05,430
90.00	120.00	280M	2J28M45300000	20,46,700
110.00	150.00	315S	2J31S41300000	24,06,780
125.00	170.00	315M	2J31M4A300000	26,78,690
132.00	180.00	315M	2J31M43300000	29,17,290
150.00	200.00	315L	2J31L4A300000	30,48,630
160.00	215.00	315L	2J31L45300000	30,91,700
180.00	240.00	315L	2J31L46300000	36,66,830
200.00	270.00	315L	2J31L47300000	41,76,240
225.00	300.00	355L	2J35L4B3G	Refer Sales Office
250.00	335.00	355L	2J35L413G	
280.00	375.00	355L	2J35L433G	

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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	LP48
0.37	0.50	80	2J08061300000	71,120
0.55	0.75	80	2J08063300000	76,660
0.75	1.00	90L	2J09L63300000	88,980
1.10	1.50	90L	2J09L65300000	91,620
1.50	2.00	100L	2J10L63300000	1,32,510
2.20	3.00	112M	2J11M65300000	1,54,010
3.70	5.00	132S	2J13S6G300000	2,04,050
5.50	7.50	132M	2J13M6T300000	2,47,280
7.50	10.00	160M	2J16M63300000	3,92,670
9.30	12.50	160L	2J16L66300000	4,40,460
11.00	15.00	160L	2J16L67300000	4,58,590
15.00	20.00	180L	2J18L63300000	6,13,170
18.50	25.00	200L	2J20L63300000	7,65,480
22.00	30.00	200L	2J20L65300000	8,30,350
30.00	40.00	225M	2J22M64300000	12,97,970
37.00	50.00	250M	2J25M63300000	16,89,470
45.00	60.00	280S	2J28S61300000	19,62,170
55.00	75.00	280M	2J28M63300000	21,16,380
75.00	100.00	315S	2J31S61300000	24,47,620
90.00	120.00	315M	2J31M63300000	28,70,150
110.00	150.00	315M	2J31M65300000	31,46,680
125.00	170.00	315L	2J31L6A300000	35,78,380
132.00	180.00	315L	2J31L67300000	38,14,280
150.00	200.00	315L	2J31L6B300000	39,92,150
160.00	215.00	315L	2J31L69300000	45,97,800
180.00	240.00	355L	2J35L6A300000	Refer Sales Office
200.00	270.00	355L	2J35L61300000	
250.00	335.00	355L	2J35L63300000	

750 RPM, 8 Pole

KW	HP	Frame	Type	LP48
0.37	0.50	90L	2J09L83300000	85,400
0.55	0.75	90L	2J09L85300000	92,440
0.75	1.00	100L	2J10L81300000	1,11,830
1.10	1.50	100L	2J10L83300000	1,29,830
1.50	2.00	112M	2J11M81300000	1,55,930
2.20	3.00	132S	2J13S8B300000	2,06,320
3.70	5.00	160M	2J16M81300000	3,33,470
5.50	7.50	160M	2J16M83300000	3,91,440
7.50	10.00	160L	2J16L86300000	4,77,260
9.30	12.50	180L	2J18L83300000	6,07,480
11.00	15.00	180L	2J18L86300000	6,60,000
15.00	20.00	200L	2J20L84300000	8,64,990
18.50	25.00	225S	2J22S82300000	10,73,810
22.00	30.00	225M	2J22M83300000	14,13,290
30.00	40.00	250M	2J25M81300000	17,35,760
37.00	50.00	280S	2J28S82300000	22,27,430
45.00	60.00	280M	2J28M85300000	22,74,310
55.00	75.00	315S	2J31S81300000	27,62,680
75.00	100.00	315M	2J31M83300000	32,35,710
90.00	120.00	315M	2J31M85300000	35,41,740
110.00	150.00	315L	2J31L87300000	41,42,060
125.00	170.00	315L	2J31L8A300000	46,69,930
132.00	180.00	315L	2J31L89300000	46,77,930
160.00	215.00	355L	2J35L81300000	Refer Sales
180.00	240.00	355L	2J35L8A300000	Office

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FLP Motors : Efficiency Values Complying to IE3 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.

3000 RPM, 2 Pole

KW	HP	Frame	Type	LP48
0.37	0.50	80	3J0802A300000	66,550
0.55	0.75	80	3J08021300000	73,820
0.75	1.00	80	3J0802B300000	75,700
1.10	1.50	80	3J0802E300000	88,520
1.50	2.00	90L	3J09L2B300000	91,660
2.20	3.00	90L	3J09L2E300000	1,18,680
3.70	5.00	100L	3J10L2B300000	1,56,350
5.50	7.50	132S	3J13S2C300000	2,23,510
7.50	10.00	132S	3J13S2H300000	2,47,210
9.30	12.50	160M	3J16M2B300000	4,37,890
11.00	15.00	160M	3J16M2E300000	4,39,290
15.00	20.00	160M	3J16M2H300000	4,91,650
18.50	25.00	160L	3J16L2M300000	5,58,650
22.00	30.00	180M	3J18M2B300000	6,57,540
30.00	40.00	200L	3J20L2B300000	9,30,360
37.00	50.00	200L	3J20L2E300000	11,51,780
45.00	60.00	225M	3J22M2B300000	14,61,940
55.00	75.00	250M	3J25M2E300000	18,64,140
75.00	100.00	280S	3J28S2E300000	23,10,240
90.00	120.00	280M	3J28M2H300000	24,73,780
110.00	150.00	315S	3J31S2E300000	27,67,660
132.00	180.00	315L	3J31L2H300000	34,44,980
160.00	215.00	315L	3J31L2M300000	38,96,110
180.00	240.00	315L	3J31L2K300000	47,53,270
200.00	270.00	355L	3J35L2B3G	Refer Sales Office
225.00	300.00	355L	3J35L2C3G	
250.00	335.00	355L	3J35L2E3G	
280.00	375.00	355L	3J35L2G3G	

1500 RPM, 4 Pole

KW	HP	Frame	Type	LP48
0.37	0.50	80	3J08043300000	65,550
0.55	0.75	80	3J0804B300000	71,950
0.75	1.00	80	3J0804E300000	74,820
1.10	1.50	90L	3J09L4B300000	90,810
1.50	2.00	90L	3J09L4E300000	97,430
2.20	3.00	100L	3J10L4B300000	1,23,730
3.70	5.00	112M	3J11M4B300000	1,56,780
5.50	7.50	132S	3J13S4C300000	2,13,580
7.50	10.00	132M	3J13M4H300000	2,43,380
9.30	12.50	160M	3J16M4E300000	3,78,750
11.00	15.00	160M	3J16M4H300000	3,85,230
15.00	20.00	160L	3J16L4M300000	4,67,410
18.50	25.00	180M	3J18M4B300000	5,31,930
22.00	30.00	180L	3J18L4E300000	6,32,230
30.00	40.00	200L	3J20L4B300000	8,44,560
37.00	50.00	225S	3J22S4B300000	11,00,850
45.00	60.00	225M	3J22M4E300000	13,90,090
55.00	75.00	250M	3J25M4B300000	17,10,930
75.00	100.00	280S	3J28S4B300000	20,78,950
90.00	120.00	280M	3J28M4H300000	21,35,200
110.00	150.00	315S	3J31S4G300000	26,37,140
132.00	180.00	315L	3J31L4K300000	32,52,700
160.00	215.00	315L	3J31L4P300000	32,68,870
180.00	240.00	315L	3J31L4T300000	38,77,890
200.00	270.00	315L	3J31L4W300000	46,23,480
200.00	270.00	355L	3J35L4A3G	Refer Sales Office
225.00	300.00	355L	3J35L4B3G	
250.00	335.00	355L	3J35L4E3G	
280.00	375.00	355L	3J35L4C3G	

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FLP Motors : Efficiency Values Complying to IE3 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	LP48
0.37	0.50	80	3J0806B300000	74,950
0.55	0.75	80	3J0806E300000	78,550
0.75	1.00	90L	3J09L6B300000	93,310
1.10	1.50	90L	3J09L6E300000	97,770
1.50	2.00	100L	3J10L6B300000	1,40,220
2.20	3.00	112M	3J11M6B300000	1,61,730
3.70	5.00	132S	3J13S6C300000	2,15,920
5.50	7.50	132M	3J13M6H300000	2,61,840
7.50	10.00	160M	3J16M6B300000	4,07,120
9.30	12.50	160L	3J16L6E300000	4,63,770
11.00	15.00	160L	3J16L6H300000	4,85,060
15.00	20.00	180L	3J18L6B300000	6,38,720
18.50	25.00	200L	3J20L6B300000	7,97,030
22.00	30.00	200L	3J20L6E300000	8,64,740
30.00	40.00	225M	3J22M6B300000	13,67,520
37.00	50.00	250M	3J25M6B300000	17,64,550
45.00	60.00	280S	3J28S6B300000	20,49,180
55.00	75.00	280M	3J28M6E300000	22,08,380
75.00	100.00	315S	3J31S6B300000	25,96,920
90.00	120.00	315M	3J31M6E300000	30,17,370
110.00	150.00	315M	3J31M6H300000	33,53,820
132.00	180.00	315L	3J31L6M300000	40,31,340
160.00	215.00	315L	3J31L6P300000	51,21,800
180.00	240.00	355L	3J35L6C3G	Refer Sales Office
200.00	270.00	355L	3J35L6E3G	
250.00	335.00	355L	3J35L643G	

750 RPM, 8 Pole

KW	HP	Frame	Type	LP48
0.18	0.25	80	3J08081300000	77,120
0.25	0.33	80	3J08083300000	83,290
0.37	0.50	90L	3J09L85300000	1,07,470
0.55	0.75	90L	3J09L86300000	1,10,340
0.75	1.00	100L	3J10L83300000	1,37,130
1.10	1.50	100L	3J10L85300000	1,42,120
1.50	2.00	112M	3J11M83300000	1,69,060
2.20	3.00	132S	3J13S8B300000	2,24,490
3.70	5.00	160M	3J16M82300000	3,60,140
5.50	7.50	160M	3J16M84300000	4,39,810
7.50	10.00	160L	3J16L88300000	5,06,460
9.30	12.50	180M	3J18M87300000	6,64,970
11.00	15.00	180L	3J18L89300000	7,00,460
15.00	20.00	200L	3J20L85300000	9,26,980
18.50	25.00	225S	3J22S82300000	11,57,110
22.00	30.00	225M	3J22M83300000	15,73,250
30.00	40.00	250M	3J25M81300000	18,70,880
45.00	60.00	280M	3J28M85300000	25,43,100
55.00	75.00	315S	3J31S81300000	31,21,840
75.00	100.00	315M	3J31M83300000	34,29,830
90.00	120.00	315M	3J31M85300000	40,02,160
110.00	150.00	315L	3J31L87300000	46,80,540
125.00	170.00	315L	3J31L8A300000	52,77,000
132.00	180.00	315L	3J31L89300000	52,86,040
160.00	215.00	355L	3J35L8B3G	Refer Sales Office
180.00	240.00	355L	3J35L8C3G	

Refer our technical catalogues for standard & optional Terminal Box Positions & other details.

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Fire Fighting Series

Foot mounted (B3 construction), 3 Phase Squirrel Cage Induction Motors suitable for 415V ±10%, 50Hz ±5%, Combined Variation ±10%, Insulation Class F with temperature rise limited to Class F, Degree of Protection IP55, Method of Cooling : Totally Enclosed Fan Cooled, Duty: S1, Ambient Temperature 50° C, Paint Shade RAL 3001 (RED)

3000 rpm 2 Pole: Cast Iron Construction				
KW	**HP**	**Frame**	**Type**	**LP48**
5.50	7.50	112M	2L11M233CT000	97,240
7.50	10.00	132S	2L13S2G3CT000	1,19,310
9.30	12.50	132S	2L13S2H3CT000	1,71,720
11.00	15.00	132S	2L13S2A3CT000	1,92,930
15.00	20.00	160M	2L16M253CT000	2,23,640
18.50	25.00	160M	2L16M263CT000	2,70,120
22.00	30.00	160L	2L16L293CT000	3,04,270
30.00	40.00	180M	2L18M2B3CT000	4,03,050
37.00	50.00	200L	2L20L2A3CT000	5,46,410
45.00	60.00	200L	2L20L2E3CT000	6,48,290
55.00	75.00	225M	2L22M253CT000	8,17,350
75.00	100.00	250M	2L25M233CT000	10,00,580
90.00	120.00	280S	2L28S233CT000	13,08,710
110.00	150.00	280M	2L28M253CT000	17,35,600

Note : These motors are for Fire Fighting Pump Application only.
All motors are with TB at Top as standard feature; on request TB at LHS / RHS can be offered.

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

CRANE & HOIST DUTY MOTORS

Voltage: 415V +/-10%
Hz: 50Hz +/-5%
Combined Varia +/-10%
Duty: S3/S4
CDF: 40%
Start Stops: 150 per hour

St Method: DOL
Ins Class: F
Temp Rise B
Ambient: 45deg Cel
Protection: IP55
Mounting: B3

1500 rpm, 4 Pole : Cast Iron Construction

KW	HP	Frame	Type	LP48
11.00	15.00	160M	MC16M4A300000	1,86,510
15.00	20.00	160M	MC16M4F300000	2,03,400
18.50	25.00	160L	MC16L4P300000	2,20,010
22.00	30.00	180L	MC18L47300000	3,01,330
30.00	40.00	200L	MC20L43300000	4,09,280
37.00	50.00	225S	MC22S41300000	5,04,540
45.00	60.00	225M	MC22M43300000	6,80,020
55.00	75.00	250M	MC25M41300000	9,31,780
75.00	100.00	280S	MC28S41300000	11,48,490
90.00	120.00	280M	MC28M43300000	12,81,280
110.00	150.00	315S	MC31S41300000	17,26,350
132.00	160.00	315M	MC31M43300000	19,11,730
160.00	215.00	315L	MC31L45300000	22,89,110
180.00	250.00	315L	MC31L46300000	24,14,050
200.00	270.00	315L	MC31L47300000	24,58,230

1000 rpm 6 Pole : Cast Iron Construction

KW	HP	Frame	Type	LP48
9.30	12.50	160M	MC16M63300000	1,79,640
11.00	15.00	160L	MC16L66300000	2,22,570
13.00	17.50	160L	MC16L67300000	2,52,370
17.00	23.00	180L	MC18L63300000	3,65,110
22.00	30.00	200L	MC20L63300000	4,24,390
30.00	40.00	225M	MC22M62300000	5,96,270
37.00	50.00	250M	MC25M60300000	8,61,190
45.00	60.00	280S	MC28S61300000	10,97,270
52.00	70.00	280M	MC28M63300000	12,44,790
70.00	95.00	315S	MC31S61300000	15,58,760
85.00	115.00	315M	MC31M63300000	19,23,730
102.00	135.00	315M	MC31M65300000	21,42,910
125.00	167.00	315L	MC31L67300000	24,89,590
150.00	200.00	315L	MC31L69300000	26,41,820

1500 rpm, 4 Pole : Aluminium Construction

KW	HP	Frame	Type	LP48
0.55	0.75	71	MC07143300000	29,910
0.75	1.00	80	MC08041300000	33,240
1.10	1.50	80	MC08043300000	34,880
1.50	2.00	90S	MC09S43300000	36,700
2.20	3.00	90L	MC09L45300000	40,170
3.70	5.00	100L	MC10L45300000	53,670
5.50	7.50	112M	MC11M45300000	67,600
7.50	10.00	132S	MC13S4G300000	96,640
9.30	12.50	132M	MC13M4P300000	1,18,350

1000 rpm 6 Pole : Aluminium Construction

KW	HP	Frame	Type	LP48
0.37	0.50	71	MC07163300000	32,420
0.55	0.75	80	MC08061300000	35,430
0.75	1.00	80	MC08063300000	36,750
1.10	1.50	90L	MC09L6A300000	38,150
1.50	2.00	90L	MC09L65300000	43,500
2.20	3.00	100L	MC10L65300000	57,140
3.70	5.00	112M	MC11M65300000	68,110
5.50	7.50	132S	MC13S6G300000	1,00,220
7.50	10.00	132M	MC13M6T300000	1,14,640

750 rpm 8 Pole : Cast Iron Construction

KW	HP	Frame	Type	LP48
5.50	7.50	160M	MC16M83300000	1,91,930
7.50	10.00	160L	MC16L87300000	2,41,820
9.30	12.50	180M	MC18M81300000	2,89,250
11.00	15.00	180L	MC18L83300000	3,40,490
15.00	20.00	200L	MC20L83300000	4,57,890
18.50	25.00	225S	MC22S81300000	5,81,840
22.00	30.00	225M	MC22M83300000	7,02,290
30.00	40.00	250M	MC25M81300000	9,44,380
37.00	50.00	280S	MC28S82300000	12,07,000
45.00	60.00	280M	MC28M85300000	13,36,660
55.00	75.00	315S	MC31S81300000	17,37,170
75.00	100.00	315M	MC31M83300000	20,13,050
90.00	120.00	315M	MC31M85300000	22,61,710
110.00	150.00	315L	MC31L87300000	25,01,940
132.00	180.00	315L	MC31L89300000	29,30,180

750 rpm 8 Pole : Aluminium Construction

KW	HP	Frame	Type	LP48
0.55	0.75	90S	MC09S81300000	38,850
0.75	1.00	90L	MC09L85300000	43,820
1.10	1.50	100L	MC10L81300000	52,770
1.50	2.00	100L	MC10L83300000	57,970
2.20	3.00	112M	MC11M83300000	77,960
3.70	5.00	132S	MC13S8G300000	1,29,380

Refer our technical catalogues for standard & optional Terminal Box Positions & other details.

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

CRANE & HOIST DUTY MOTORS : IE2

Voltage: 415V +/-10%
Hz: 50Hz +/-5%
Combined Varia +/-10%
Duty: S3/S4
CDF: 40%
Start Stops: 150 per hour

St Method: DOL
Ins Class: F
Temp Rise B
Ambient: 50deg Cel
Protection: IP55
Mounting: B3

1500 rpm, 4 Pole

KW	HP	Frame	MOC	Type	LP48
0.55	0.74	71	AL	2C071433AT000	26,870
0.72	0.97	80	CI	2C080433CT000	35,790
1.00	1.34	80	CI	2C080453CT000	36,320
1.40	1.88	90S	CI	2C09S423CT000	47,330
2.00	2.68	90L	CI	2C09L4E3CT000	54,410
2.90	3.89	100L	CI	2C10L473CT000	66,670
4.00	5.36	100L	CI	2C10L4B3CT000	70,000
4.40	5.90	112M	CI	2C11M473CT000	85,800
4.70	6.30	112M	CI	2C11M4A3CT000	90,090
6.90	9.25	132S	CI	2C13S4K3CT000	1,19,840
9.50	12.73	132M	CI	2C13M4T3CT000	1,38,480
11.90	15.95	132M	CI	2C13M4H3CT000	1,93,170
13.20	17.69	160M	CI	2C16M4C3CT000	2,18,030
14.60	19.57	160M	CI	2C16M4K3CT000	2,21,770
20.00	26.81	160L	CI	2C16L4T3CT000	2,83,460
23.00	30.83	180M	CI	2C18M473CT000	3,67,800
28.00	37.53	180L	CI	2C18L483CT000	4,06,560
37.00	49.60	200L	CI	2C20L453CT000	5,31,730

1000 rpm 6 Pole

KW	HP	Frame	MOC	Type	LP48
0.37	0.50	71	AL	2C071633AT000	29,770
0.50	0.67	80	CI	2C080613CT000	39,640
0.75	1.01	80	CI	2C080633CT000	40,570
1.00	1.34	90L	CI	2C09L6A3CT000	49,180
1.50	2.01	90L	CI	2C09L653CT000	51,630
2.20	2.95	100L	CI	2C10L6B3CT000	70,940
2.90	3.89	112M	CI	2C11M653CT000	80,520
3.90	5.23	112M	CI	2C11M6B3CT000	84,550
5.50	7.37	132S	CI	2C13S6G3CT000	1,24,840
7.40	9.92	132M	CI	2C13M6T3CT000	1,51,160
9.80	13.14	160M	CI	2C16M633CT000	2,20,750
12.20	16.35	160L	CI	2C16L663CT000	2,56,320
14.50	19.44	160L	CI	2C16L673CT000	2,71,540
20.00	26.81	180L	CI	2C18L633CT000	3,67,820
23.00	30.83	200L	CI	2C20L633CT000	4,79,460
28.00	37.53	200L	CI	2C20L653CT000	5,24,650

Refer our technical catalogues for standard & optional Terminal Box Positions & other details.

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

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

1000 rpm 6 Pole				
KW	**HP**	**Frame**	**Type**	**LP48**
1.10	1.50	100L	MP10L61300000	1,54,180
1.50	2.00	100L	MP10L62300000	1,62,880
2.40	3.20	112M	MP11M62300000	1,77,880
3.30	4.40	112M	MP11M64300000	1,83,250
4.00	5.30	132M	MP13M61300000	2,38,050
5.50	7.50	132M	MP13M66300000	2,85,120
7.00	9.40	160L	MP16L61300000	3,22,710
10.00	13.40	160L	MP16L65300000	3,92,260

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

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

Standard Integral Brake Motors

B3 construction, 3 Phase Integral Brake Motor, Suitable for mains supply 415V±10%, 50Hz ±5% Combined Variation ±10%,
Brake Type : Failsafe, Normally ON, Input to brake will be 190VDC, Insulation class F with rise limited to B, Degree of Protection IP55,
Ambient Temperature 45° C, Method of Cooling : Totally Enclosed Fan Cooled, S3/S4 Duty, 40% CDF, 150 Starts / Stops per hour

1500 RPM, 4 Pole

KW	HP	Frame	Type	LP48
0.37	0.50	71	MB0714B300001	32,530
0.55	0.75	71	MB07143300001	35,650
0.75	1.00	80	MB08041300001	45,760
1.10	1.50	80	MB08043300001	46,310
1.50	2.00	90S	MB09S43300001	56,290
2.20	3.00	90L	MB09L45300001	61,020
3.70	5.00	100L	MB10L45300001	85,790
5.50	7.50	112M	MB11M45300001	99,030
7.50	10.00	132S	MB13S4G300001	1,33,730
9.30	12.50	132M	MB13M4P300001	1,50,160

1000 RPM, 6 Pole

KW	HP	Frame	Type	LP48
0.37	0.50	71	MB07163300001	38,530
0.55	0.75	80	MB08061300001	47,290
0.75	1.00	80	MB08063300001	50,220
1.10	1.50	90L	MB09L6A300001	64,790
1.50	2.00	90L	MB09L65300001	68,490
2.20	3.00	100L	MB10L65300001	88,250
3.70	5.00	112M	MB11M65300001	1,01,670
5.50	7.50	132S	MB13S6G300001	1,37,140
7.50	10.00	132M	MB13M6T300001	1,52,010

750 RPM, 8 Pole

KW	HP	Frame	Type	LP48
0.75	1.00	90L	MB09L85300001	57,830
1.10	1.50	100L	MB10L81300001	75,340
1.50	2.00	100L	MB10L83300001	80,850
2.20	3.00	112M	MB11M83300001	1,01,590
3.70	5.00	132S	MB13S8G300001	1,32,460

Frames 71 & 80 are avaliable in Aluminium body with TB position on TOP

Frames 90 to 132 are available in Cast Iron body with TB position on RHS as standard feature. However TB on LHS or TOP can be offered on request

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

IE2 Integral Brake Motors

B3 construction, 3 Phase Integral Brake Motor, Suitable for mains supply 415V±10%, 50Hz ±5% Combined Variation ±10%,
Brake Type : Failsafe, Normally ON, Input to brake will be 190VDC, Insulation class F with rise limited to F, Degree of Protection IP55,
Ambient Temperature 50° C, Method of Cooling : Totally Enclosed Fan Cooled, S1 Duty, conforms to IS/IEC 60034

3000 RPM, 2 Pole

KW	HP	Frame	Type	LP48
0.37	0.50	71	2B0712A300000	37,930
0.55	0.75	71	2B07123300000	39,490
0.75	1.00	80	2B08021300000	44,320
1.10	1.50	80	2B08023300000	47,880
1.50	2.00	90S	2B09S24300000	61,470
2.20	3.00	90L	2B09L27300000	67,190
3.70	5.00	100L	2B10L23300000	88,900
5.50	7.50	132S	2B13S2G300000	1,41,300
7.50	10.00	132S	2B13S2N300000	1,58,490

1500 RPM, 4 Pole

KW	HP	Frame	Type	LP48
0.37	0.50	71	2B07143300000	37,140
0.55	0.75	80	2B08043300000	44,760
0.75	1.00	80	2B08045300000	47,850
1.10	1.50	90S	2B09S42300000	58,410
1.50	2.00	90L	2B09L47300000	63,610
2.20	3.00	100L	2B10L47300000	87,250
3.70	5.00	112M	2B11M47300000	1,03,380
5.50	7.50	132S	2B13S4K300000	1,34,420
7.50	10.00	132M	2B13M4T300000	1,47,640

1000 RPM, 6 Pole

KW	HP	Frame	Type	LP48
0.37	0.50	80	2B08061300000	45,420
0.55	0.75	80	2B08063300000	49,270
0.75	1.00	90S	2B09S63300000	58,280
1.10	1.50	90L	2B09L65300000	67,880
1.50	2.00	100L	2B10L63300000	85,180
2.20	3.00	112M	2B11M65300000	1,00,410
3.70	5.00	132S	2B13S6G300000	1,30,970
5.50	7.50	132M	2B13M6T300000	1,47,990

750 RPM, 8 Pole

KW	HP	Frame	Type	LP48
0.37	0.50	90S	2B09S81300000	59,740
0.55	0.75	90L	2B09L85300000	66,990
0.75	1.00	100L	2B10L81300000	86,260
1.1	1.50	100L	2B10L83300000	91,110
1.5	2.00	112M	2B11M81300000	1,02,510
2.2	3.00	132S	2B13S8B300000	1,42,700

Frames 71 & 80 are avaliable in Aluminium body with TB position on TOP

Frames 90 to 132 are available in Cast Iron body with TB position on RHS as standard feature. However TB on LHS or TOP can be offered on request

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

External Brake Motors

(Suitable for CT LT & Hoist application)

B3 construction, 3 Phase Brake Motor with external brake, Suitable for mains supply DOL 415V±10%, 50Hz ±5%, Combined Variation ±10%,
Brake Type : Failsafe, Normally ON, Input to brake will be 190VDC, Insulation class F with rise limited to B, Degree of Protection IP55,
Ambient Temperature 50° C, Method of Cooling : Totally Enclosed Fan Cooled, S3/S4 Duty, 40% CDF, 150 Starts / Stops per hour

1500 RPM, 4 Pole

kW	HP	Frame	Type Ref.	Brake Size	LP48
0.55	0.75	71	MY071433AT0H0	8	52,390
0.75	1.00	80	MY080413CT0H0	10	68,680
1.10	1.50	80	MY080433CT0H0	10	70,250
1.50	2.00	90S	MY09S433CT0H0	12	81,590
2.20	3.00	90L	MY09L453CT0H0	12	91,210
2.50	3.30	100L	MY10L453CT0H0	12	1,21,070
4.40	5.90	112M	MY11M453CT0H0	14	1,29,160
7.50	10.00	132S	MY13S4G3CT0H0	16	1,83,760
9.30	12.50	132M	MY13M4P3CT0H0	18	2,24,300
11.00	15.00	160M	MY16M4A3CT0H0	18	2,54,290
13.20	17.70	160M	MY16M4C3CT0H0	20	2,92,800
15.00	20.00	160M	MY16M4F3CT0H0	20	2,96,950
19.00	25.50	160L	MY16L4P3CT0H0	20	3,24,130
22.00	30.00	180M	MY18M473CT0H0	23	4,36,830
30.00	40.00	200L	MY20L433CT0H0	25	5,94,350

1000 RPM, 6 Pole

kW	HP	Frame	Type Ref.	Brake Size	LP48
0.37	0.50	71	MY071633AT0H0	8	52,380
0.55	0.75	80	MY080613CT0H0	10	70,050
0.75	1.00	80	MY080633CT0H0	10	73,800
1.10	1.50	90L	MY09L6A3CT0H0	12	93,770
1.50	2.00	90L	MY09L653CT0H0	12	94,060
1.50	2.00	100L	MY10L633CT0H0	12	1,05,030
2.90	3.90	112M	MY11M653CT0H0X	14	1,39,130
5.50	7.50	132S	MY13S6G3CT0H0	18	2,04,650
7.50	10.00	132M	MY13M6T3CT0H0	18	2,25,770
9.30	12.50	160M	MY16M633CT0H0	20	2,93,840
11.00	15.00	160L	MY16L663CT0H0	20	3,11,400
13.00	17.50	160L	MY16L673CT0H0	20	3,25,620
17.00	22.80	180L	MY18L633CT0H0	23	4,45,960
22.00	30.00	200L	MY20L633CT0H0	25	5,66,210
28.00	37.50	200L	MY20L653CT0H0	31	7,21,970

750 RPM, 8 Pole

kW	HP	Frame	Type Ref.	Brake Size	LP48
0.55	0.75	90S	MY09S813CT0H0	10	75,480
0.75	1.00	90L	MY09L853CT0H0	12	85,660
1.10	1.50	100L	MY10L813CT0H0	12	1,09,990
1.50	2.00	112M	MY11M813CT0H0	14	1,19,990
2.20	3.00	112M	MY11M833CT0H0	14	1,31,480
3.70	5.00	132S	MY13S8G3CT0H0	16	1,94,540
5.50	7.50	160M	MY16M833CT0H0	18	2,73,620
7.50	10.00	160L	MY16L873CT0H0	20	3,28,380
9.30	12.50	180M	MY18M813CT0H0	20	3,93,330
11.00	15.00	180L	MY18L833CT0H0	23	4,22,490
15.00	20.00	200L	MY20L833CT0H0	25	5,44,110

All motors are offered with TB position at top as standard feature. Frame 80 and above can be offered with LHS / RHS TB on request

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

Smoke Extraction Motors IE3

B3 construction, 3 Phase Smoke Extractio Motor, Suitable for mains supply DOL 415V±10%, 50Hz ±5%, Combined Variation ±10%, Insulation class H with rise limited to B, Degree of Protection IP55, Ambient Temperature 50° C,
Method of Cooling : TEFC, Duty: S1 (in normal condition) & S2 (in case of fire), Motors suitable for 300Deg Cel. for 2Hrs.

3000 RPM, 2 Pole

kW	HP	Frame	Type Ref.	LP48
0.37	0.50	71	3K071233AT000	36,550
0.55	0.75	71	3K071253AT000	42,460
0.75	1.00	80	3K0802B3AT000	47,070
1.10	1.50	80	3K0802E3AT000	51,410
1.50	2.00	90S	3K09S2B3AT000	59,810
2.20	3.00	90L	3K09L2E3AT000	76,610
3.70	5.00	100L	3K10L2B3AT000	96,620
4.00	5.40	132S	3K13S2C3AT000	1,09,860
5.50	7.50	132S	3K13S2C3AT000	1,62,440
7.50	10.00	132S	3K13S2H3AT000	1,77,160
9.30	12.50	160M	3K16M2B3CT000	2,93,080
11.00	15.00	160M	3K16M2E3CT000	3,04,240
15.00	20.00	160M	3K16M2H3CT000	3,35,980
18.50	25.00	160L	3K16L2M3CT000	3,92,630
22.00	30.00	180M	3K18M2B3CT000	4,49,940
30.00	40.00	200L	3K20L2B3CT000	6,59,060
37.00	50.00	200L	3K20L2E3CT000	8,04,420

1500 RPM, 4 Pole

kW	HP	Frame	Type Ref.	LP48
0.25	0.33	71	3K071453AT000	36,340
0.37	0.50	71	3K071463AT000	37,840
0.55	0.75	80	3K0804B3AT000	47,520
0.75	1.00	80.00	3K0804E3AT000	49,070
1.10	1.50	90S	3K09S4B3AT000	61,060
1.50	2.00	90L	3K09L4E3AT000	71,360
2.20	3.00	100L	3K10L4B3AT000	87,130
3.70	5.00	112M	3K11M4B3AT000	1,11,500
4.00	5.40	132S	3K13S4C3AT000	1,16,900
5.50	7.50	132S	3K13S4C3AT000	1,60,890
7.50	10.00	132M	3K13M4H3AT000	1,86,340
9.30	12.50	160M	3K16M4E3CT000	2,87,660
11.00	15.00	160M	3K16M4H3CT000	2,94,790
15.00	20.00	160L	3K16L4M3CT000	3,55,290
18.50	25.00	180M	3K18M4B3CT000	4,40,840
22.00	30.00	180L	3K18L4E3CT000	4,81,040
30.00	40.00	200L	3K20L4B3CT000	6,49,650

1000 RPM, 6 Pole

kW	HP	Frame	Type Ref.	LP48
0.18	0.25	71	3K071633AT000	47,400
0.25	0.33	71	3K071653AT000	49,990
0.37	0.50	80	3K0806B3AT000	51,240
0.55	0.75	80	3K0806E3AT000	52,630
0.75	1.00	90S	3K09S6B3AT000	62,650
1.10	1.50	90L	3K09L6E3AT000	70,250
1.50	2.00	100L	3K10L6B3AT000	97,930
2.20	3.00	112M	3K11M6B3AT000	1,12,150
3.70	5.00	132S	3K13S6C3AT000	1,66,830
4.00	5.40	132M	3K13M6H3AT000	1,72,570
5.50	7.50	132M	3K13M6H3AT000	2,04,250
7.50	10.00	160M	3K16M6B3CT000	2,87,850
9.30	12.50	160L	3K16L6E3CT000	3,35,320
11.00	15.00	160L	3K16L6H3CT000	3,56,290
15.00	20.00	180L	3K18L6B3CT000	4,54,750
18.50	25.00	200L	3K20L6B3CT000	6,31,900
22.00	30.00	200L	3K20L6E3CT000	6,82,730

750 RPM, 8 Pole

kW	HP	Frame	Type Ref.	LP48
0.12	0.16	71	3K071833AT000	47,930
0.18	0.25	80	3K080813AT000	52,720
0.25	0.33	80	3K080833AT000	54,060
0.37	0.50	90S	3K09S853AT000	62,070
0.55	0.75	90L	3K09L863AT000	67,930
0.75	1.00	100L	3K10L833AT000	83,510
1.10	1.50	100L	3K10L853AT000	1,01,740
1.50	2.00	112M	3K11M833AT000	1,17,760
2.20	3.00	132S	3K13S8B3AT000	1,55,930
3.70	5.00	160M	3K16M823CT000	2,53,530
4.00	5.40	160M	3K16M843CT000	2,78,870
5.50	7.50	160M	3K16M843CT000	3,31,280
7.50	10.00	160L	3K16L883CT000	3,84,750
9.30	12.50	180M	3K18M873CT000	4,78,500
11.00	15.00	180L	3K18L893CT000	5,04,690
15.00	20.00	200L	3K20L853CT000	7,10,470

For IE2 Smoke Motors : Please refer our nearest sales office

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

CASH EXTRAS FOR ADDITIONAL FEATURES

Sr. No.		FEATURES	Cash Extras / Percentage Extras LP48
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 (80 frame onwards)	Frame: 80 to 100 : Rs. 1,400/- Frame: 112 to 132 : Rs. 1,800/- Frame: 160 : Rs. 2,000/- Frame: 180 : Rs. 2,200/- Frame: 200 : Rs. 3,500/- Frame: 225 to 250 : Rs. 4,000/- Frame: 280 : Rs. 5,000/- Frame: 315 to 400 : Rs. 7,500/-
	(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 100 : Rs. 1,500/- Frame: 112 : Rs. 2,500/- Frame: 132 : Rs. 2,500/- Frame: 160 to 180 : Rs. 3,000/- Frame: 200 to 250 : Rs. 5,000/- Frame: 280 : Rs. 10,000/- Frame: 315 : Rs. 12,000/- Frame: 355 : Rs. 20,000/-
	(c)	FRP Canopy For Flame Proof Ex 'd' Motors: Frame 160 and above (with terminal box on RHS only)	Frame: 160 to 180 : Rs. 5,000/- Frame: 200 : Rs. 7,500/- Frame: 225 : Rs. 10,000/- Frame: 250 : Rs. 15,000/- Frame: 280 to 315 : Rs. 20,000/-
1.03		Shaft Extension / Material	
	(a)	Single / double non std shaft, if dia or extn is less than or equal to standard	5%
	(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	(a)	**Water Flingers: Rubber Material**	Frame: 90 to 225 : Rs. 500/- Frame: 250 to 355 : Rs. 2000/-
	(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 LP48
1.05		**Painting**	
	(a)	**Paint Type**	
	(i)	For Safe Area Motors: Other than our std Acrylic Paint (Standard Paint Shades: For Safe Area Motors: IE2 & IE3 Our std paint shade is RAL 5000 Acrylic Paint; IE4 Induction: RAL7010 ; IE4 & IE5 PMSM: RAL 6037)	5% subject to maximum of Rs. 7,000/- *If safe area motor is required with AAP, then standard shade will be 632*
	(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)** *(Please get confirmation from sales office on paint thickness)*	
	(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	7.5% on the selected frame of IE2 safe area motor
	(ii)	IE3 Increased Safety Ex ec Motors	7.5% on the selected frame of IE3 safe area motor
	(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/VPI	Frame 63 to 280 : 5% Frame 315 and above : Nil
	(b)	Motors for Inverter Duty: 500 to 690V (Scheme III Insulation)	20%

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 LP48
1.09	**Forced Cooling (Fan with motor and Cowl)**	Frame: 132 to 160 : Rs. 8,000/-
		Frame: 180 : Rs. 11,000/-
		Frame: 200 to 225 : Rs. 18,000/-
		Frame: 250 to 280 : Rs. 25,000/-
		Frame: 315 to 355 : Rs. 31,000/-
		Frame: 400 to 450 : Rs. 59,000/-
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: 80 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**	Frame: 80 to 132 : Rs. 3,500/-
		Frame: 160 to 200 : Rs. 4,500/-
		Frame: 225 to 280 : Rs. 5,500/-
		Frame: 315 : Rs. 7,500/-
		Frame: 355 : Rs. 8,500/-
1.13	**Space Heater for ATEX approved motors**	Frame: 80 to 160 : Rs. 5,000/-
		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/-
		Frame: 355 : Rs. 4,000/-
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 : Rs. 12,500/-
		Frame: 355 : Rs. 15,000/-

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 LP48
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	Frame: 63 to 160 : Rs. 750/- Frame: 180 to 225 : Rs. 1,300/- Frame: 250 to 355 : Rs. 1,700/-
1.19		**Metal Stopping Plug** for Increased Safety Ex ec Motors : 63 to 355 frame and Flame Proof Ex 'd' Motors : 80 to 355 frame	Frame: 63 to 160 : Rs. 900/- Frame: 180 to 225 : Rs. 1,700/- Frame: 250 to 315 : Rs. 4,000/- Frame: 355 : Rs. 5,000/-
1.20		**Metal Stopping Plug** for ATEX/IECEx motors	Frame: 80 to 160 : Rs. 2,200/- Frame: 180 to 225 : Rs. 4,200/- Frame: 250 to 315 : Rs. 10,000/-
1.21	(a)	**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/-
	(b)	Manual release in Integral Brake Motors (manual release in standard feature in external brake motors)	Frame 90 to 132 : Rs. 500/-
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** *Safe Area: Frame 112 to 450; Hazardous Area: Frame 160 to 315* *For Frame 132: subject to confirmation from our nearest sales office.* *Online Greasing Arrangement is standard feature if Roller bearing at DE side is considered.*	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: 100 to 132 : Rs. 14,000/- Frame: 160 to 225 : Rs. 20,000/-
	(c)	**Insulated Bearings (at NDE side)**	Frame: 250 to 280 : Rs. 33,000/- Frame: 315 : Rs. 34,000/- Frame: 355 & 400 : Rs. 38,000/- Frame: 450 : Rs. 45,000/-
	(d)	**WT Bearing:** (-40^{o}C to +150^{o}C)	Frame: 71 to 132 : Rs. 800/- per bearing i.e. Rs. 1600/- per motor

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 LP48
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 *(where Aluminium is standard)*	Frames: 71 to 160 : Rs. 500/-
			Frames: 200 to 250 : Rs. 3500/-
	(c)	Cast Iron Fan (*where plastic fan is standard*)	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/-
			Frame: 355 : Rs. 15,000/-
	(f)	Longer Flying leads (*length not exceeding 1.5m*)	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 & 355 : Rs. 16,000/-
	(g)	Longer Flying leads (*length exceeding 1.5m* and *less than 3m*)	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 & 355 : Rs. 28,000/-
	(h)	Extra Name Plate / Tag Plate	Rs. 600/-
	(i)	Front Bearing locking arrangement	5% till 180 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 LP48
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 225 : 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. 5,000/-
			Frame: 180 to 200 : Rs. 8,000/-
			Frame: 225 to 250 : Rs. 14,000/-
			Frame: 280 : Rs. 27,000/-
			Frame: 315 : Rs. 37,000/-
			Frame: 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. 90,000/-
1.26	**Motor with Fabricated body**		Frame: 315 : Rs. 90,000/-
			Frame: 355 : Rs. 1,60,000/-

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

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 LP48
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
		Thermistors : Hazardous Area Motors	
	(d)	**For ATEX/IECEx motors** *3nos PTC without controller for ATEX approved motors*	Rs. 10,000/-
	(e)	**Thermistors 3nos: (PESO approved)** *for Increased Safety Ex ec & Flame Proof Ex 'd' motors*	Rs. 5,500/-
	(f)	**Thermistors 6nos: (PESO approved)** *for Increased Safety Ex ec & Flame Proof Ex 'd' motors*	Rs. 6,000/-
2.05		**Multispeed Motors (safe area only)**	Refer Sales Office
	(a)	Single tapped winding upto 8 pole	
	(b)	Dual speed with separate winding	
	(c)	Motors single speed with 10, 12 Poles	
2.06		Intermittent Duty Motors (for motors other than standard MC series)	10% on selected frame size
2.07		**RTD: for Safe Area & Exec motors : 200 frame onwards**	
	(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: 6 Nos: 2 per phase) :	Rs. 26,000/-
2.08		**BTD : 2 Nos. (For safe area & Exec motors 200 frame onwards**	
	(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 LP48
3.00		OTHER CHARGES (WITNESS INSPECTION)	
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)*	Rs. 2,10,000/-
3.04		**Motor tesing with Inverter Drive (Safe Area)** *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.*	Rs. 70,000/- per motor *(With BBL certification only.)*
3.05		**Noise and Vibration Test**	Frame: 63 to 225 : Rs. 5,000/- Frame 250 and above : Rs. 10,000/-
3.06	(a)	**Shaft UT Test (per unit)**	Rs. 6,000/- per shaft; *Minimum charge for this test will be Rs 18,000/- i.e for min 3 nos shafts; For any quantity more than 3 nos the said charge of Rs. 6,000/- per shaft will apply.*
	(b)	**Shaft DP or LPT Test (per unit)**	Rs. 8,000/- per shaft; *Minimum charge for this test will be Rs. 24,000/- i.e it is for min 3 nos shafts ; For any quantity more than 3 nos the said charge of Rs. 8,000/-* per shaft.
3.07		**Body DP or LPT Test**	Rs. 15,000/ - per motor; *Minimum charge for this test will be Rs. 30,000/- i.e it is for min 2 nos ; For any quantity more than 2 nos the said charge of Rs. 15,000/- per motor will apply.*
3.08		**Overspeed Test** *(120% over rated speed for 2min)*	Frame: 63 to 160 : Rs. 2,500/- Frame: 180 to 225 : Rs. 3,500/- Frame: 250 to 450 : Rs. 5,000/-

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CASH EXTRAS FOR ADDITIONAL FEATURES

Sr. No.		FEATURES	Cash Extras / Percentage Extras LP48
3.00		OTHER CHARGES	
3.09		Additional running of motor at no load for 30min	Rs. 2,500/- per motor
3.10		Shaft voltage test	Rs. 2,000/- per motor
3.11		Dimensional Inspection	Upto Frame 132 : Rs. 2,000/- per motor
			Frame 160 and above : Rs. 3,000/- per motor
3.12		Documentation Charges (Technical/Commercial)	
	(a)	Documents for approval/submission	Rs. 2,000/-
	(b)	Marine Motors' documentation	Refer to Sales Office

Cash Extra Price Calculations.

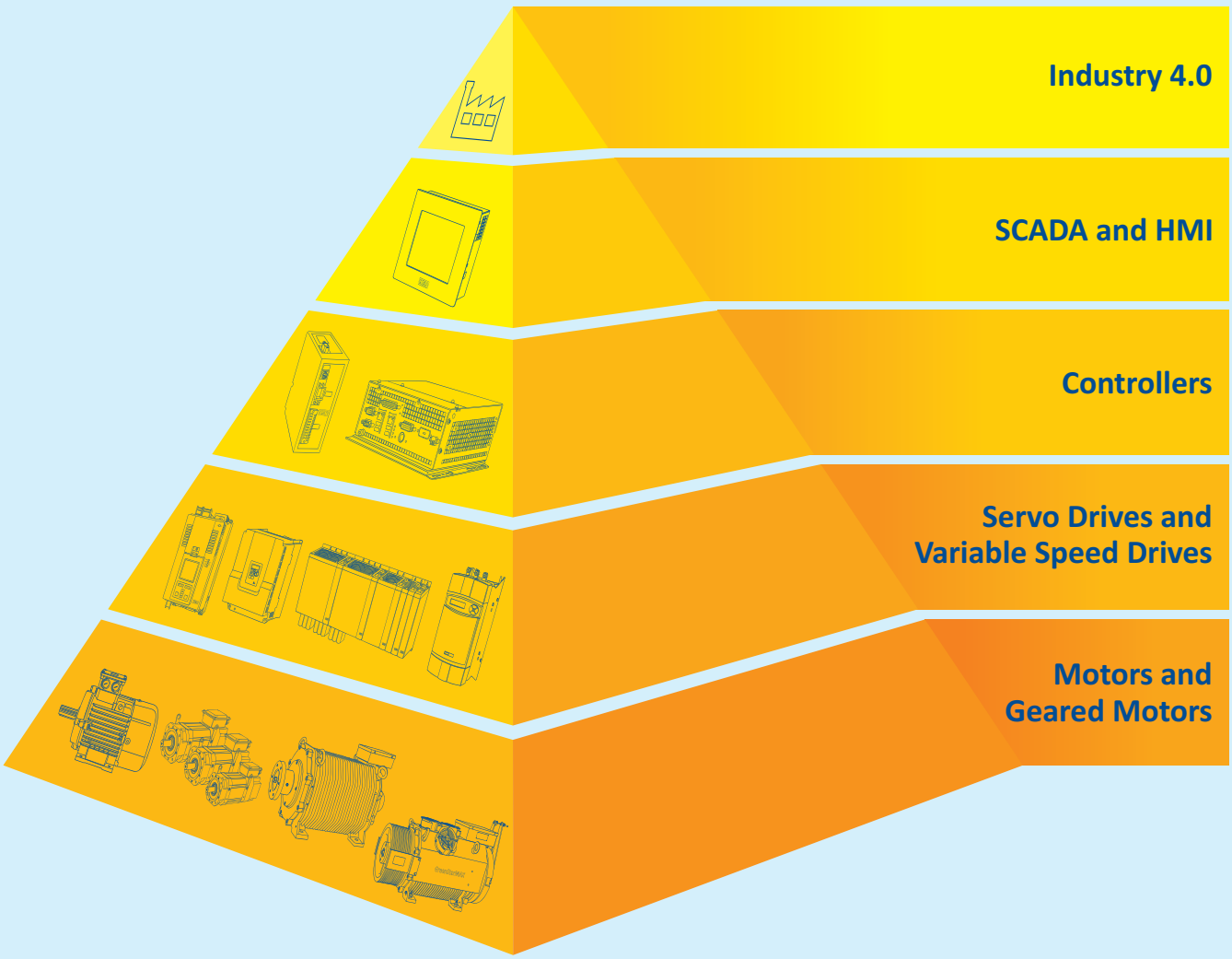
(a). Wherever cash extras are in percentage please add to the list price and then apply discount.

(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

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

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ENABLING PRODUCTIVITY, PRECISION AND ENERGY EFFICIENCY



Bharat Bijlee's Industrial Systems product portfolio caters to a spectrum of applications and spans the machine automation pyramid.

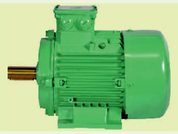
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Bharat Bijlee

LV Motors Product Range

Motors Conform to relevant Indian Standards IS/IEC 60034 series
Voltage: 415V +/- 10%, Frequency: 50 Hz +/- 5%, Combined Variation: +/- 10%

Insulation: Class 'F' with temperature rise limited to Class 'B', Rotation: Bi-directional
Cooling: IC411, Degree of Protection: IP55, Altitude: upto 1000m above MSL

Motor Type	Frame	Power (kW)	Polarity		Standard Technical Specifications	Optional Features		Applications
IE2 Motors IE3 Motors Large LT Motors (DCCA)	56 to 355 56 to 355 355 to 450	0.12 to 355 0.12 to 355 250 to 1250	2, 4, 6, 8 2, 4, 6, 8 2, 4, 6, 8		• Ambient: 50° C • Ambient for DCCA: 40° C • Inverter Grade Winding: For IE3 and DCCA • Duty: S1 • RTD & BTD: For DCCA motors • Mounting: B3, B5, B35, V1, B14 upto 132 frame	• Non Standard Voltage: upto 690V • Higher Polarity on request • Insulation: Class H • Space Heater: 90 Frame onwards • RTD & BTD: 250 Frame onwards • PTC Thermistor: 80 to 355L • Shaft Material: EN24* • Enclosure: IP56 / 65 / 66 • Forced Cooling: 132 to 450 Frame • Roller Bearing: 160 Frame onwards	• High Temperature Grease: Suitable up to 200° C • SS Hardware • Non standard shaft diameter/extension* • Non Standard Paint • Provision for Encoder Mounting • Low Vibration as per IS or IEC • Insulated Bearing: 132 Frame onwards • SPM Nipples Provision: Frame 250 onwards	Pump, Fan, Compressor, Packing Machinery, Coiler/De-coiler, Agro Equipment, Food Processing Equipment, Paper Machinery, Agitator, Dairy Equipment, Machine Tool, Air Conditioning, Material Handling, Plastic Machinery, Textile Machinery, Cooling Tower, Crusher, Material Handling
IE4 Motors - Induction Series IE4 Motors - PMSM SynchroVERT® Series	200 to 280 112 to 225	18.5 to 90 1.5 to 45	2, 4, 6, 8 4		• Ambient: 50° C • Inverter Duty Winding • Duty: S1 • Mounting: B3, B5, B35, V1	• Insulation: Class H • Space Heater: 90 frame onwards • PTC Thermistor: 80 to 225 Frame • Shaft Material: EN24* • Enclosure: IP56 / 65 / 66 • Roller Bearing: 160 Frame onwards	• Non standard shaft diameter/extension* • Non Standard Paint • Provision for Encoder Mounting • Low Vibration as per IS or IEC	Fans, HVAC, Pumps, Textiles, Hydraulic Press Pump, Fan, Compressor, Material Handling etc.

Standard Flame Proof Ex'd' Motors
IE2 Flame Proof Ex'd' Motors
IE3 Flame Proof Ex'd' Motors
	80 to 355
	80 to 355
	80 to 355
		0.37 to 315
		0.37 to 315
		0.37 to 315
			2, 4, 6, 8
			2, 4, 6, 8
			2, 4, 6, 8
					• Ambient: 45° C
					• Inverter Grade Winding: For IE3 Motors
					• Duty: S1
					• Mounting: B3, B5, B35, V1
						• Non Standard Voltage: 220 to 690V
						• Intermittent Duty S3, S4: In 4, 6, 8 Pole*
						• Insulation: Class H
						• PTC Thermistor: 80 to 315 L
						• Space Heater: 90 Frame onwards
						• Roller Bearing: 160 Frame onwards
						• Shaft Material: EN24*
						• Enclosure: IP56 / 65 / 66
							• Insulated Bearing: 132 Frame onwards
							• Non standard shaft diameter/extension*
							• Motors for inverter duty application ; offered with
							  • Combined testing of motor and VFD or
							  • Motors fitted with PTC Thermistor
							• Test facility available for combined Testing with VFD
							• Non Standard Paint
							• Low Vibration as per IS or IEC
								Pump, Fan, Compressor, Material Handling, Agitator, LPG Bottling Plant, Pharma Machinery, Chemical Plant Machinery, Machinery for mines

IE2 Increased Safety Ex ec Motors IE3 Increased Safety Ex ec Motors	63 to 355 63 to 355	0.12 to 355 0.12 to 355	2, 4, 6, 8 2, 4, 6, 8		• Ambient: 50° C • Duty: S1 • Mounting: B3, B5, B35, V1 (B14 upto 132 Frame)	• Insulation: Class H • Shaft Material: EN24* • Enclosure: IP56 / 65 / 66 • Roller Bearing: 160 Frame onwards	• Insulated Bearing: 132 Frame onwards • Non standard shaft diameter/extension* • Motors for inverter duty application with combined testing of motor and VFD for temperature class certification • Test facility available for combined testing with VFD • Non Standard Paint • Low Vibration as per IS or IEC	Pump, Fan, Compressor, Material Handling, Agitator, Pharma Machinery
Crane & Hoist Duty Motors	71 to 355	0.37 to 400	4, 6, 8		• Ambient: 45° C • Duty: S4 • Offered in DOL & Converter Fed Supply • Mounting: B3, B5, B35, V1 (B14 upto 132 Frame)	• Duty: S2, S3 and S5 • Non Standard Voltage: 380 to 460V • Insulation: Class H • Space Heater: 90 Frame onwards • BTD: 250 Frame & above • PTC Thermistor: 80 to 355 L • Roller Bearing: 160 Frame onwards • Shaft Material: EN24* • Enclosure: IP56 / 65 / 66	• Motors for Inverter Duty • Insulated Bearing: 132 Frame onwards • Non standard shaft diameter/extension* • Non Standard Paint • Low Vibration as per IS or IEC	Crane, Hoist, Lift, Material Handling, Car Stacker, Door Opening
Brake Motors (With Integral DC Brake)	71 to 132	0.25 to 9.3	2, 4, 6, 8		• Ambient: 50° C • Duty: S1 • Mounting: B3, B5, B35 • Integral DC Brake	• Duty: S2 and above • Non Standard Voltage: upto 460V • Motors for Inverter Duty • Manual Release Arrangement: For 90 to 132 Frame	• Non standard shaft diameter/extension* • Non Standard Paint	Crane, Hoist, Material Handling, Textile, Pharma to name a few
Brake Motors (With External Mounted Brake)	71 to 200	0.37 to 22	2, 4, 6, 8		• Ambient: 50° C • Duty: S1 • Mounting: B3, B5, B35 • External Mounted DC Brake/Arrangement	• Duty: S2 and above • Non Standard Voltage: upto 460V • Motors for Inverter Duty • Manual Release Arrangement	• Double Shaft Extension for brake arrangement • Non Standard Paint	Crane, Hoist, Material Handling, Textile, Pharma to name a few
Slip Ring Motors	100 to 160	1.1 to 10	4, 6		• Ambient: 45° C • Duty: S3, S4, S5 • Mounting: B3	• Mounting: B35 • Non standard shaft diameter & extension*	• Non Standard Paint	Crane, Hoist, Lift, Material Handling
Textile Motors	100 to 160	1.1 to 15	4, 6, 8		• Ambient: 50° C • Duty: S1 • Mounting: B3, B5, B35	• Non Standard Voltage: upto 500V • Insulation: Class H	• Motors for Inverter Duty • Non Standard Paint • Low Vibration as per IS	Ginning, Textile Machinery
Cane Unloader Motors	160 to 225	11 to 30	6		• Ambient: 45° C • Start/Stop per Hour: upto 900 • Duty: S5, 50% CDF • Thermostat • Mounting: B3, B5, B35 • Forced Cooling • Shaft Material: En24	• Insulation: Class H • PTC Thermistor	• Insulated Bearing: 132 Frame onwards • Non Standard Paint	Cane Loading-Unloading Machine

* Subject to confirmation from Bharat Bijlee

Notes

ALL INDIA SERVICE NETWORK

- Regional Offices
- Works
- Authorised Service Centre: Motors
- Service Centre: Servo Motors



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With effect from 11th June 2026
M/C/LP48/11/06/26/0