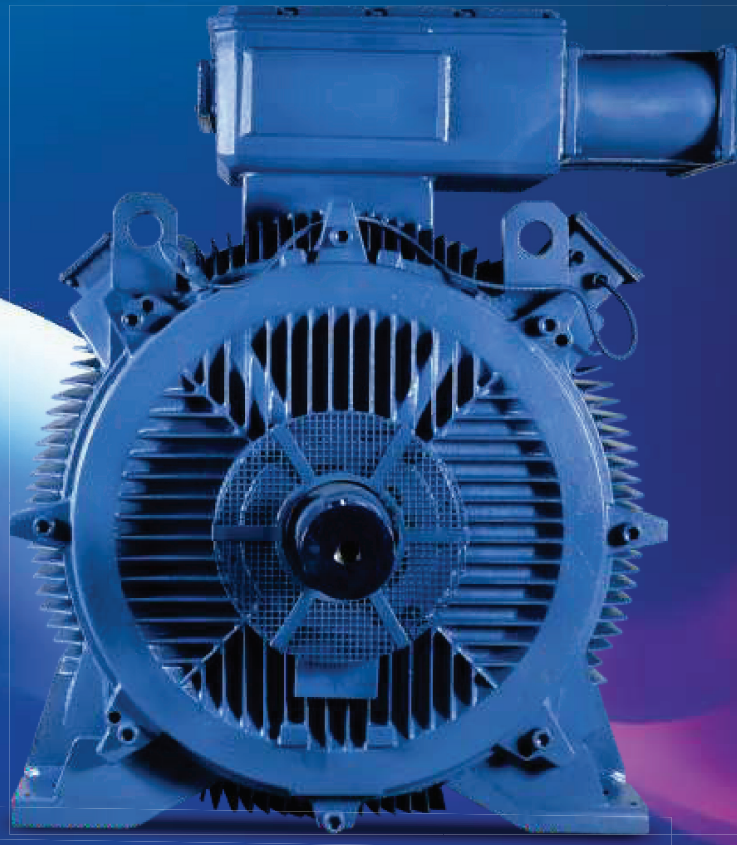


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MOTORS PRICE LIST

LOW VOLTAGE MOTORS
0.12kW to 1250kW



LP38 w.e.f. 20th November 2017
IE1 & Standard Flameproof

Testing Facility To Meet Global Standards

Bharat Bijlee has made a proactive initiative towards producing energy efficient motors with our technologically advanced in-house test facility for complete range of IE motors as per latest International Standards and in line with future revision.

Salient Features

- Direct Load Test up to 560 kW (380V to 6600V, 50/60 Hz)
- Mixed Frequency Testing Facility up to 1250 kW
- Test set up for efficiency determination as per IEC: 60034-2-1:2007 and IS:15999 (part 2/sec 1):2011
- Loading as per full load torque and stray load loss determination from residual loss method 2-1-1B (In line with future revision of IEC: 60034-2-1:201X)
- Five test stations for IE2/IE3 efficiency determination
- Efficiency calculation through special software in line with future revision of IEC: 60034-2-1:201X
- Combined testing of Motor + Drive for Safe and Hazardous Area Motors
- Data measurement up to 22kW through SCADA is established and higher ratings under upgradation



STANDARD TEFC SCR 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, Ambient Temperature 50° C, Duty S1, Conforms to IS/IEC 60034-1.

3000 rpm 2 Pole				
KW	HP	Frame	Type Ref	Price
0.18	0.25	63	MA063213	10300
0.25	0.35	63	MA063233	10610
0.37	0.50	71	MA071213	11500
0.55	0.75	71	MA071233	12940
0.75	1.00	80	MA080213	13400
1.10	1.50	80	MA080233	14810
1.50	2.00	90S	MA09S233	16980
2.20	3.00	90L	MA09L253	21720
3.70	5.00	100L	MA10L213	26940
5.50	7.50	132S	MA13S2B3	43060
7.50	10.00	132S	MA13S2E3	45850
9.30	12.50	132M	MA13M2N3	70300
11.00	15.00	160M	MA16M213	81070
15.00	20.00	160M	MA16M253	92850
18.50	25.00	160L	MA16L273	119820
22.00	30.00	180M	MA18M213	134810
30.00	40.00	200L	MA20L233	200290
37.00	50.00	200L	MA20L253	242150
45.00	60.00	225M	MA22M233	311610
55.00	75.00	250M	MA25M213	419450
75.00	100.00	280S	MA28S213	556220
90.00	120.00	280M	MA28M233	632970
110.0	150.00	315S	MA31S233	806350
125.0	170.00	315M	MA31M2A3	955680
132.0	180.00	315M	MA31M233	991850
150.0	200.00	315L	MA31L2A3	1089300
160.0	215.00	315L	MA31L253	1107610
180.0	240.00	315L	MA31L2B3	1187700
200.0	270.00	355L	MA35L2A3	1298780
#250.00	335.00	355L	MA35L213	1447780
#315.00	425.00	355L	MA35L233	1607310

1500 rpm 4 Pole				
KW	HP	Frame	Type Ref	Price
0.12	0.16	63	MA063413	10850
0.18	0.25	63	MA063433	11530
0.25	0.35	71	MA071413	11740
0.37	0.50	71	MA071433	12160
0.55	0.75	80	MA080413	13920
0.75	1.00	80	MA080433	13910
1.10	1.50	90S	MA09S433	15860
1.50	2.00	90L	MA09L453	17340
2.20	3.00	100L	MA10L433	22910
3.70	5.00	112M	MA11M433	29340
5.50	7.50	132S	MA13S4B3	40610
7.50	10.00	132M	MA13M4K3	47190
9.30	12.50	160M	MA16M4A3	74730
11.00	15.00	160M	MA16M4C3	77670
15.00	20.00	160L	MA16L4K3	93890
18.50	25.00	180M	MA18M433	126560
22.00	30.00	180L	MA18L473	141100
30.00	40.00	200L	MA20L433	190350
37.00	50.00	225S	MA22S413	234260
45.00	60.00	225M	MA22M433	286010
55.00	75.00	250M	MA25M413	389110
75.00	100.00	280S	MA28S413	512050
90.00	120.00	280M	MA28M433	577910
110.00	150.00	315S	MA31S413	720870
125.00	170.00	315M	MA31M4A3	824660
132.00	180.00	315M	MA31M433	829530
150.00	200.00	315L	MA31L4A3	913970
160.00	215.00	315L	MA31L453	974020
180.00	240.00	315L	MA31L463	1038250
200.00	270.00	315L	MA31L473	1185100
250.00	335.00	355L	MA35L413	1363460
315.00	425.00	355L	MA35L433	1560650

Please not: GST will be extra applicable at the time of delivery.

Frames 63-132 are with Aluminium body with T Box on top with type "MA".
 Frames 160 -225 are with Cast Iron body with T Box on RHS, with type "MA".(LHS T Box on request)
 Frames 250 & above are with Cast Iron body with T Box on top with type "MA".
 Frames 90-225 are also available with Cast Iron body with T Box on top with type "MX".
 Frames 90 to 132 & 250 to 355 can also be offered with Cast Iron body with T Box RHS/LHS on request.
 # These ratings are suitable for ambient 45° C.

STANDARD TEFC SCR 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, Ambient Temperature 50° C, Duty S1, Conforms to IS/IEC 60034-1.

1000 rpm 6 Pole				
KW	HP	Frame	Type	LP38
0.25	0.35	71	MA071633	13320
0.37	0.50	80	MA080613	14620
0.55	0.75	80	MA080633	14970
0.75	1.00	90S	MA09S633	16830
1.10	1.50	90L	MA09L653	18750
1.50	2.00	100L	MA10L633	23900
2.20	3.00	112M	MA11M633	28590
3.70	5.00	132S	MA13S6B3	43690
5.50	7.50	132M	MA13M6N3	48660
7.50	10.00	160M	MA16M633	78580
9.30	12.50	160L	MA16L663	92850
11.00	15.00	160L	MA16L673	97760
15.00	20.00	180L	MA18L613	133490
18.50	25.00	200L	MA20L613	170610
22.00	30.00	200L	MA20L633	185360
30.00	40.00	225M	MA22M623	291680
37.00	50.00	250M	MA25M603	392950
45.00	60.00	280S	MA28S613	500670
55.00	75.00	280M	MA28M633	567990
75.00	100.00	315S	MA31S613	684570
90.00	120.00	315M	MA31M633	852900
110.00	150.00	315M	MA31M653	950110
125.00	170.00	315L	MA31L6A3	1025380
132.00	180.00	315L	MA31L673	1103830
150.00	200.00	315L	MA31L6B3	1139900
160.00	215.00	315L	MA31L693	1171340
180.00	240.00	355L	MA35L6A3	1335260
200.00	270.00	355L	MA35L613	1386600
250.00	335.00	355L	MA35L633	1494440

750 rpm 8 Pole				
KW	HP	Frame	Type	LP38
0.37	0.50	90S	MA09S813	15860
0.55	0.75	90L	MA09L853	17370
0.75	1.00	100L	MA10L813	21350
1.10	1.50	100L	MA10L833	26120
1.50	2.00	112M	MA11M813	30120
2.20	3.00	132S	MA13S8B3	41070
3.70	5.00	160M	MA16M813	64590
5.50	7.50	160M	MA16M833	78440
7.50	10.00	160L	MA16L873	99610
9.30	12.50	180M	MA18M813	129510
11.00	15.00	180L	MA18L833	136430
15.00	20.00	200L	MA20L833	192740
18.50	25.00	225S	MA22S813	248650
22.00	30.00	225M	MA22M833	297340
30.00	40.00	250M	MA25M813	399870
37.00	50.00	280S	MA28S823	511030
45.00	60.00	280M	MA28M853	592910
55.00	75.00	315S	MA31S813	710200
75.00	100.00	315M	MA31M833	888750
90.00	120.00	315M	MA31M853	998550
110.00	150.00	315L	MA31L873	1064420
125.00	170.00	315L	MA31L8A3	1171140
132.00	180.00	315L	MA31L893	1240790
150.00	200.00	355L	MA35L8A3	1296690
160.00	215.00	355L	MA35L813	1426060
180.00	240.00	355L	MA35L8B3	1487510
200.00	270.00	355L	MA35L833	1577090

Please Note: GST will be charged extra as applicable at the time of delivery.

Frames 63-132 are with Aluminium body with T Box on top with type "MA".
 Frames 160 -225 are with Cast Iron body with T Box on RHS, with type "MA".(LHS T Box on request)
 Frames 250 & above are with Cast Iron body with T Box on top with type "MA".
 Frames 90-225 are also available with Cast Iron body with T Box on top with type "MX".
 Frames 90 to 132 & 250 to 355 can also be offered with Cast Iron body with T Box RHS/LHS on request.

STANDARD TEFC SCR FLAME PROOF MOTORS

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, Conforms to IS/IEC 60034-1, IS/IEC 60079-1:2007, Gas Group IIA, IIB.

3000 rpm, 2 Pole				
KW	HP	Frame	Type Ref	Price
0.37	0.50	80	MD0802A3	25930
0.55	0.75	80	MD0802B3	28740
0.75	1.00	80	MD080213	29620
1.10	1.50	80	MD080233	32960
1.50	2.00	90 L	MD09L233	37050
2.20	3.00	90 L	MD09L253	46230
3.70	5.00	100 L	MD10L213	58690
5.50	7.50	132M	MD13S2B3	83680
7.50	10.00	132M	MD13S2E3	91680
9.30	12.50	132M	MD13M2N3	131500
11.00	15.00	160M	MD16M213	162120
15.00	20.00	160M	MD16M253	196440
18.50	25.00	160L	MD16L273	222970
22.00	30.00	180L	MD18L213	263830
30.00	40.00	200L	MD20L233	355560
37.00	50.00	200L	MD20L253	460590
45.00	60.00	225M	MD22M233	581820
55.00	75.00	250M	MD25M213	706940
75.00	100.00	280S	MD28S213	946240
90.00	120.00	280M	MD28M233	980250

1500 rpm, 4 Pole				
KW	HP	Frame	Type Ref	Price
0.37	0.50	80	MD0804A3	25930
0.55	0.75	80	MD080413	27840
0.75	1.00	80	MD080433	28990
1.10	1.50	90 L	MD09L433	33050
1.50	2.00	90 L	MD09L453	35970
2.20	3.00	100 L	MD10L433	45690
3.70	5.00	112M	MD11M433	57310
5.50	7.50	132M	MD13S4B3	79060
7.50	10.00	132M	MD13M4K3	89940
9.30	12.50	160M	MD16M4A3	137700
11.00	15.00	160M	MD16M4C3	145800
15.00	20.00	160L	MD16L4K3	178890
18.50	25.00	180L	MD18L433	200290
22.00	30.00	180L	MD18L473	237940
30.00	40.00	200L	MD20L433	320580
37.00	50.00	225S	MD22S413	416530
45.00	60.00	225M	MD22M433	524040
55.00	75.00	250M	MD25M413	642960
75.00	100.00	280S	MD28S413	826480
90.00	120.00	280M	MD28M433	842380

1000 rpm 6 Pole				
KW	HP	Frame	Type Ref	Price
0.37	0.50	80	MD080613	29140
0.55	0.75	80	MD080633	30180
0.75	1.00	90L	MD09L633	35110
1.10	1.50	90L	MD09L653	36090
1.50	2.00	100L	MD10L633	51700
2.20	3.00	112M	MD11M633	60230
3.70	5.00	132M	MD13S6B3	79760
5.50	7.50	132M	MD13M6N3	96760
7.50	10.00	160M	MD16M633	149860
9.30	12.50	160L	MD16L663	172870
11.00	15.00	160L	MD16L673	182940
15.00	20.00	180L	MD18L613	245010
18.50	25.00	200L	MD20L613	303530
22.00	30.00	200L	MD20L633	329120
30.00	40.00	225M	MD22M623	539350
37.00	50.00	250M	MD25M603	663870
45.00	60.00	280S	MD28S613	804860
55.00	75.00	280M	MD28M633	867560

750 rpm 8 Pole				
KW	HP	Frame	Type Ref	Price
0.37	0.50	90L	MD09L833	34550
0.55	0.75	90L	MD09L853	37350
0.75	1.00	100L	MD10L813	45070
1.10	1.50	100L	MD10L833	52440
1.50	2.00	112M	MD11M813	62690
2.20	3.00	132M	MD13S8B3	82590
3.70	5.00	160M	MD16M813	133380
5.50	7.50	160M	MD16M833	153330
7.50	10.00	160L	MD16L873	186750
9.30	12.50	180L	MD18L813	236930
11.00	15.00	180L	MD18L833	249710
15.00	20.00	200L	MD20L833	337050
18.50	25.00	225S	MD22S813	418370
22.00	30.00	225M	MD22M833	549940
30.00	40.00	250M	MD25M813	675410
37.00	50.00	280S	MD28S823	866650
45.00	60.00	280M	MD28M853	885020

Please Note: GST will be charged extra as applicable at the time of delivery.

All motors are with T Box on top.

Frames 112 & 132 can be offered with T Box on RHS on request.

Frames 160 to 280 can be offered with T Box on RHS/LHS on request.

For higher ratings refer to IE2 Series Flame Proof Motors.

Note:

1. This LP replaces our LP37.
2. Prices mentioned are maximum recommended selling prices and are subject to change without notice.
3. Prices are Ex-Works / Ex-Godown exclusive of GST extra as applicable at the time of delivery at actuals.
4. KW & HP are indicated, however kW is binding and HP is approximate.
5. Product upgradation is a continuous process, hence data in this price list is subject to change without prior notice.

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