



Smart solutions.
Strong relationships.



PRICE LIST

LV AC MOTORS, ALTERNATORS, DC MOTORS

(Price List No. LTM/009 Rev 1 effective from 15.06.2016)

We put all our energy into saving yours !

1

Number 1 energy efficient motor producer in India

2

Every second motor in hazardous area is of CG

4

Over 4 mn(40,00,000) CG energy efficient motors are running in industries

3

Every three out of 4 motors running in oil & gas sector are of CG



OPPORTUNITY
THE BEST RENEWABLE ENERGY AROUND



SAVE MORE
WITH APEX SERIES

TESTED IN INDIA'S ONLY CSA APPROVED TEST LAB



APPROVED BY



INDEX

PRICE LIST FOR AC MOTORS, ALTERNATORS & DC MOTORS

(Effective from 15.06.2016)

*(Price List No. LTM/009 Rev 1)

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Apex Series

Energy Efficient LV Motors

IE3

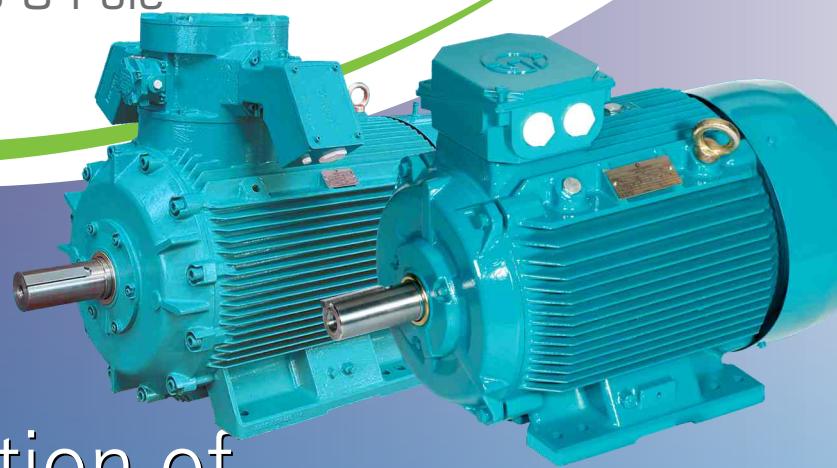
0.37 kW to 375 kW

IE2

0.37 kW to 375 kW

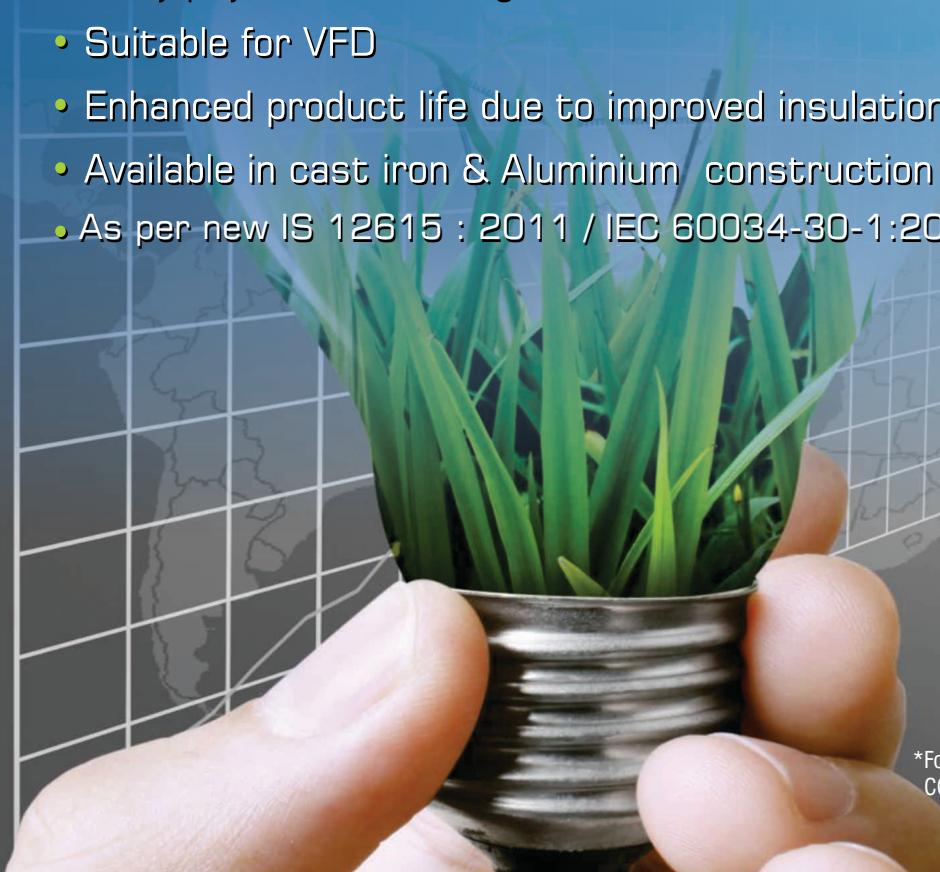
2 to 8 Pole

CE



New definition of energy savings..

- Early payback due to higher efficiencies
- Suitable for VFD
- Enhanced product life due to improved insulation scheme
- Available in cast iron & Aluminium construction
- As per new IS 12615 : 2011 / IEC 60034-30-1:2014



*For other ratings please contact nearest
CG branch office.

TESTING FACILITY

IEC has adopted testing procedure from CSA, IEEE 112-method B i.e measurement of efficiency by actual stray load losses calculation.

It is well known that induction motor testing standards vary significantly in their defined methodologies, instrumentation accuracy, and testing procedures. Sometimes, the efficiency value for the same motor can differ by 5% with different standards. Even though the same standard is used in experimental tests, the machine efficiency can still vary by more than 2 % when performed in different testing sites.

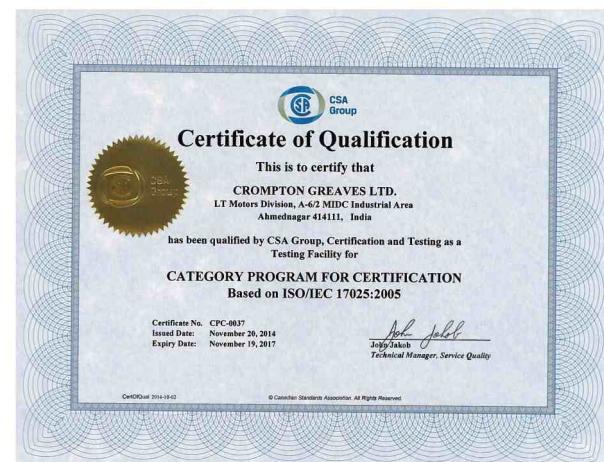
So it becomes important to keep regular check on instrumentation accuracy and testing procedure to ensure guaranteed efficiency.

Our 7 test labs with 0.2 class instrumentation and torque transducers are approved by CSA for accuracy and testing procedure under CPC programme.

In order to qualify for the CPC program, you will need to obtain a certificate of qualification from CSA Group demonstrating:

- Complete knowledge of all applicable product standards
- The ability to design, manufacture and test products that comply with those standards
- Access to suitable testing facilities

We are the only company in India to have CSA category certificate (CPC).





Price List No. LTM/009 Rev 1

**TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE 3 PH INDUCTION MOTORS-FOOT MOUNTED**

Enclosure confirming to protection IP 55 Horizontal Foot Mounted (B3), continuously rated (S1) suitable for operation on 415+/- 10% V, 3 Phase 50Hz+/- 5% AC supply with ambient 50°C, Class "F" insulation with temperature rise limited to Class "B" and altitude less than 1000 m above m.s.l. performance values are conforming to IS 12615:2011 / IEC 60034-30-2014

OUTPUT 2 POLE : 3000 RPM				
kW	HP	FRAME	PRICE	EX. DUTY
0.37	0.50	GD/NG71	11240	492
0.55	0.75	GD/NG80	14640	641
0.75	1.00	GD/NG80	15130	662
1.10	1.50	GD/NG80	16510	722
1.50	2.00	GD/NG90S	18920	828
2.20	3.00	GD/NG90L	24300	1063
3.00	4.00	GD/NG100L	28560	1250
3.70	5.00	GD/NG100L	30180	1320
5.50	7.50	GD/NG132S	49270	2156
7.50	10	GD/NG132S	51000	2231
11	15	ND160M	89130	3899
15	20	ND160M	104420	4568
18.5	25	ND160L	134200	5871
22	30	ND180M	148860	6513
30	40	ND200L	221410	9687
37	50	ND200L	268830	11761
45	60	ND225M	345970	15136
55	75	ND250MX	465780	20378
75	100	ND280S	581710	25450
90	120	ND280M	671040	29358
110#	150	ND315S	847580	37082
125	170	ND315M	994510	43510
132#	180	ND315M	1041720	45575
160#	215	ND315LX	1141120	49924
180#	240	ND315LX	1201290	52556
200#	270	ND315LX	1332280	58287
225*	300	ND355LX	1408730	61632
250*	335	ND355LX	1492290	65288
275#	370	ND355LX	1579860	69119
315*	425	ND355LX	1617860	70781

This rating is suitable for amb 40 with 70 Deg rise

* This rating is with class F temperature rise

For other ratings please contact nearest CG branch office.

Standard paint shade : RAL 5021 (Water Blue).

OUTPUT 4 POLE : 1500 RPM				
kW	HP	FRAME	PRICE	EX. DUTY
0.37	0.50	GD/NG71	11860	519
0.55	0.75	GD/NG80	15540	680
0.75	1.00	GD/NG80	15770	690
1.10	1.50	GD/NG90S	17910	784
1.50	2.00	GD/NG90L	19600	858
2.20	3.00	GD/NG100L	25990	1137
3.00	4.00	GD/NG100L	27480	1202
3.70	5.00	GD/NG112M	33170	1451
5.50	7.50	GD/NG132S	45910	2009
7.50	10	GD/NG132M	53260	2330
11	15	ND160M	85330	3733
15	20	ND160L	106070	4641
18.5	25	ND180M	141160	6176
22	30	ND180L	157310	6882
30	40	ND200L	211390	9248
37	50	ND225S	260850	11412
45	60	ND225M	316170	13832
55	75	ND250MX	434520	19010
75	100	ND280S	528820	23136
90	120	ND280M	616000	26950
110	150	ND315S	746100	32642
125	170	ND315M	849940	37185
132	180	ND315M	874250	38248
160	215	ND315LX	1025710	44875
180	240	ND315LX	1090980	47730
200	270	ND315LX	1245170	54476
225#	300	ND355LX	1280290	56013
250	335	ND355LX	1379110	60336
275#	370	ND355LX	1396310	61089
315*	425	ND355LX	1578560	69062
355	473	ND355LX	2166020	94763
375	500	ND355LX	2475070	108284



Price List No. LTM/009 Rev 1

**TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE 3 PH INDUCTION MOTORS-FOOT MOUNTED**

Enclosure confirming to protection IP 55 Horizontal Foot Mounted (B3),continuously rated (S1) suitable for operation on 415+/- 10% V,3 Phase 50Hz+/- 5% AC supply with ambient 50°C,Class "F" insulation with temperature rise limited to Class "B" and altitude less than 1000 m above m.s.l. performance values are conforming to IS 12615:2011 / IEC 60034-30-2014

OUTPUT		6 POLE : 1000 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.37	0.50	GD/NG80	16500	722
0.55	0.75	GD/NG80	16920	740
0.75	1.00	GD/NG90S	19060	834
1.10	1.50	GD/NG90L	20900	914
1.50	2.00	GD/NG100L	26830	1174
2.20	3.00	GD/NG112M	32070	1403
3.00	4.00	GD/NG132S	46830	2049
3.70	5.00	GD/NG132S	48770	2134
5.50	7.50	GD/NG132M	50710	2219
7.50	10	ND160M	90600	3964
11	15	ND160L	112850	4937
15	20	ND180L	147420	6450
18.5	25	ND200L	191730	8388
22	30	ND200L	208100	9104
30	40	ND225M	323960	14173
37	50	ND250M	435680	19061
45	60	ND280S	521860	22831
55	75	ND280M	594200	25996
75	100	ND315S	715300	31294
90	120	ND315M	895080	39160
110	150	ND315M	998100	43667
125	170	ND315LX	1087890	47595
132	180	ND315LX	1165140	50975
160	215	ND315LX	1213200	53078
180	240	ND355LX	1338050	58540
200	270	ND355LX	1389530	60792
225	300	ND355LX	1443550	63155
250	335	ND355LX	1497590	65520
275	370	ND355LX	1733410	75837
315	425	ND355LX	2384160	104307

For other ratings please contact nearest CG branch office.

8 pole motors are available on request

Standard paint shade : RAL 5021 (Water Blue).



Price List No. LTM/009 Rev 1

**TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE 3 PH INDUCTION MOTORS-FLANGE MOUNTED**

Enclosure confirming to protection IP 55 Horizontal Flange Mounted (any other mounting than B3),continuously rated (S1) suitable for operation on 415+/- 10% V,3 Phase 50Hz+/- 5% AC supply with ambient 50°C,Class "F" insulation with temperature rise limited to Class "B" and altitude less than 1000 m above m.s.l. Efficiency values are conforming to IS 12615:2011 / IEC 60034-30-2014

OUTPUT		2 POLE : 3000 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.37	0.50	GD/NG71	11570	506
0.55	0.75	GD/NG80	15080	660
0.75	1.00	GD/NG80	15600	683
1.10	1.50	GD/NG80	17010	744
1.50	2.00	GD/NG90S	19490	853
2.20	3.00	GD/NG90L	25040	1096
3.00	4.00	GD/NG100L	30950	1354
3.70	5.00	GD/NG100L	31090	1360
5.50	7.50	GD/NG132S	50750	2220
7.50	10	GD/NG132S	52530	2298
11	15	ND160M	91790	4016
15	20	ND160M	107550	4705
18.5	25	ND160L	138270	6049
22	30	ND180M	156310	6839
30	40	ND200L	231400	10124
37	50	ND200L	282270	12349
45	60	ND225M	363290	15894
55	75	ND250MX	491420	21500
75	100	ND280S	610800	26723
90	120	ND280M	707970	30974
110#	150	ND315S	889970	38936
125	170	ND315M	1044240	45686
132#	180	ND315M	1093800	47854
160#	215	ND315LX	1198180	52420
180#	240	ND315LX	1261360	55185
200#	270	ND315LX	1398900	61202
225*	300	ND355LX	1479170	64714
250	335	ND355LX	1566900	68552
275#	370	ND355LX	1658860	72575
315*	425	ND355LX	1698750	74320

OUTPUT		4 POLE : 1500 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.37	0.50	GD/NG71	12220	535
0.55	0.75	GD/NG80	16000	700
0.75	1.00	GD/NG80	16240	711
1.10	1.50	GD/NG90S	18440	807
1.50	2.00	GD/NG90L	20190	883
2.20	3.00	GD/NG100L	26780	1172
3.00	4.00	GD/NG100L	28310	1239
3.70	5.00	GD/NG112M	34170	1495
5.50	7.50	GD/NG132S	47290	2069
7.50	10	GD/NG132M	54850	2400
11	15	ND160M	87890	3845
15	20	ND160L	109270	4781
18.5	25	ND180M	148220	6485
22	30	ND180L	165190	7227
30	40	ND200L	221950	9710
37	50	ND225S	273890	11983
45	60	ND225M	332000	14525
55	75	ND250MX	456260	19961
75	100	ND280S	555270	24293
90	120	ND280M	646810	28298
110	150	ND315S	783410	34274
125	170	ND315M	892440	39044
132	180	ND315M	917970	40161
160	215	ND315LX	1077000	47119
180	240	ND315LX	1145520	50117
200	270	ND315LX	1307430	57200
225#	300	ND355LX	1344310	58814
250	335	ND355LX	1448070	63353
275#	370	ND355LX	1466130	64143
315*	425	ND355LX	1657500	72516
355	473	ND355LX	2274310	99501
375	500	ND355LX	2598830	113699

This rating is suitable for amb 40 with 70 Deg rise

* This rating is with class F temperature rise

For other ratings please contact nearest CG branch office.

Standard paint shade : RAL 5021 (Water Blue).



Price List No. LTM/009 Rev 1

**TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE 3 PH INDUCTION MOTORS-FLANGE MOUNTED**

Enclosure confirming to protection IP 55 Horizontal Flange Mounted (any other mounting than B3),continuously rated (S1) suitable for operation on 415+/- 10% V,3 Phase 50Hz+/- 5% AC supply with ambient 50°C,Class "F" insulation with temperature rise limited to Class "B" and altitude less than 1000 m above m.s.l. Efficiency values are conforming to IS 12615:2011 / IEC 60034-30-2014

OUTPUT		6 POLE : 1000 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.37	0.50	GD/NG80	17000	744
0.55	0.75	GD/NG80	17440	763
0.75	1.00	GD/NG90S	19640	859
1.10	1.50	GD/NG90L	21530	942
1.50	2.00	GD/NG100L	27630	1209
2.20	3.00	GD/NG112M	33020	1445
3.00	4.00	GD/NG132S	48250	2111
3.70	5.00	GD/NG132S	50240	2198
5.50	7.50	NG132M	56040	2452
7.50	10	ND160M	90610	3964
11	15	ND160L	112830	4936
15	20	ND180L	154790	6772
18.5	25	ND200L	201320	8808
22	30	ND200L	218490	9559
30	40	ND225M	340150	14882
37	50	ND250M	457460	20014
45	60	ND280S	547960	23973
55	75	ND280M	623910	27296
75	100	ND315S	751070	32859
90	120	ND315M	939840	41118
110	150	ND315M	1048010	45850
125	170	ND315L	1142290	49975
132	180	ND315LX	1223400	53524
160	215	ND315LX	1273860	55731
180	240	ND355L	1404960	61467
200	270	ND355LX	1459010	63832
225	300	ND355LX	1515730	66313
250	335	ND355LX	1572470	68796
275	370	ND355LX	1820090	79629
315	425	ND355LX	2503370	109522

For other ratings please contact nearest CG branch office.

8 pole motors are available on request

Standard paint shade : RAL 5021 (Water Blue).



Price List No. LTM/009 Rev 1



IE2

TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE 3 PH INDUCTION MOTORS-FOOT MOUNTED

Enclosure confirming to protection IP 55 Horizontal Foot Mounted (B3), continuously rated (S1) suitable for operation on 415+/- 10% V, 3 Phase 50Hz+/- 5% AC supply with ambient 50°C, Class "F" insulation with temperature rise limited to Class "B" and altitude less than 1000 m above m.s.l.

Efficiency values are conforming to IS 12615:2011 / IEC 60034-30-2014

OUTPUT		2 POLE : 3000 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.37	0.50	GD71	9830	430
0.55	0.75	GD/NG80	12730	557
0.75	1.00	GD/NG80	13150	575
1.10	1.50	GD/NG80	14350	628
1.50	2.00	GD/NG90S	16450	720
2.20	3.00	GD/NG90L	21130	924
3.00	4.00	GD/NG100L	24830	1086
3.70	5.00	GD/NG100L	26240	1148
5.50	7.50	GD/NG132S	42840	1874
7.50	10	GD/NG132S	44340	1940
11	15	ND160M	77500	3391
15	20	ND160M	90800	3973
18.5	25	ND160L	116690	5105
22	30	ND180M	129440	5663
30	40	ND200L	192530	8423
37	50	ND200L	233760	10227
45	60	ND225M	300840	13162
55	75	ND250MX	405020	17720
75	100	ND280S	505830	22130
90	120	ND280M	583510	25529
110	150	ND315S	737020	32245
125	170	ND315M	864790	37835
132	180	ND315M	905840	39631
160	215	ND315LX	992270	43412
180	240	ND315LX	1044600	45701
200	270	ND315LX	1158500	50684
225	300	ND355LX	1224980	53593
250	335	ND355LX	1297640	56772
275	370	ND355LX	1373790	60103
315	425	ND355LX	1406830	61549

OUTPUT		4 POLE : 1500 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.37	0.50	GD71	10320	452
0.55	0.75	GD/NG80	13510	591
0.75	1.00	GD/NG80	13710	600
1.10	1.50	GD/NG90S	15570	681
1.50	2.00	GD/NG90L	17040	746
2.20	3.00	GD/NG100L	22600	989
3.00	4.00	GD/NG100L	23890	1045
3.70	5.00	GD/NG112M	28840	1262
5.50	7.50	GD/NG132S	39920	1747
7.50	10	GD/NG132M	46310	2026
11	15	ND160M	74200	3246
15	20	ND160L	92230	4035
18.5	25	ND180M	122740	5370
22	30	ND180L	136790	5985
30	40	ND200L	183810	8042
37	50	ND225S	226820	9923
45	60	ND225M	274930	12028
55	75	ND250MX	377840	16531
75	100	ND280S	459840	20118
90	120	ND280M	535650	23435
110	150	ND315S	648780	28384
125	170	ND315M	739070	32334
132	180	ND315M	760210	33259
160	215	ND315LX	891920	39022
180	240	ND315LX	948670	41504
200	270	ND315LX	1082750	47370
225	300	ND355LX	1113290	48706
250	335	ND355LX	1199220	52466
275	370	ND355LX	1214180	53120
315	425	ND355LX	1372660	60054
355	473	ND355LX	1883490	82403
375	500	ND355LX	2152230	94160

For other ratings please contact nearest CG branch office.

For MEPS-B2 performance please charge 10 % additional to above prices

Standard paint shade : RAL 5021 (Water Blue).



Price List No. LTM/009 Rev 1

**TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE 3 PH INDUCTION MOTORS-FOOT MOUNTED**

Enclosure confirming to protection IP 55 Horizontal Foot Mounted (B3),continuously rated (S1) suitable for operation on 415+/- 10% V,3 Phase 50Hz+/- 5% AC supply with ambient 50°C,Class "F" insulation with temperature rise limited to Class "B" and altitude less than 1000 m above m.s.l.

Efficiency values are conforming to IS 12615:2011 / IEC 60034-30-2014

OUTPUT		6 POLE : 1000 RPM		
KW	HP	FRAME	PRICE	EX. DUTY
0.37	0.50	GD/NG80	14340	627
0.55	0.75	GD/NG80	14710	644
0.75	1.00	GD/NG90S	16570	725
1.10	1.50	GD/NG90L	18170	795
1.50	2.00	GD/NG100L	23330	1021
2.20	3.00	GD/NG112M	27880	1220
3.00	4.00	GD/NG132S	40720	1782
3.70	5.00	GD/NG132S	42410	1855
5.50	7.50	NG132M	44090	1929
7.50	10	ND160M	78780	3447
11	15	ND160L	98130	4293
15	20	ND180L	128190	5608
18.5	25	ND200L	166720	7294
22	30	ND200L	180950	7917
30	40	ND225M	281700	12324
37	50	ND250M	378850	16575
45	60	ND280S	453790	19853
55	75	ND280M	516690	22605
75	100	ND315S	622000	27213
90	120	ND315M	778330	34052
110	150	ND315M	867910	37971
125	170	ND315L	945990	41387
132	180	ND315LX	1013160	44326
160	215	ND315LX	1054950	46154
180	240	ND355L	1163520	50904
200	270	ND355LX	1208280	52862
225	300	ND355LX	1255260	54918
250	335	ND355LX	1302250	56973
275	370	ND355LX	1507310	65945
315	425	ND355LX	2073180	90702

For other ratings please contact nearest CG branch office.

For MEPS-B2 performance please charge 10 % additional to above prices

8 pole motors are available on request

Standard paint shade : RAL 5021 (Water Blue).



Price List No. LTM/009 Rev 1



IE2

TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE 3 PH INDUCTION MOTORS-FLANGE MOUNTED

Enclosure confirming to protection IP 55 Horizontal Flange Mounted (any other mounting than B3), continuously rated (S1) suitable for operation on 415+/- 10% V,3 Phase 50Hz+/- 5% AC supply with ambient 50°C, Class "F" insulation with temperature rise limited to Class "B" and altitude less than 1000 m above m.s.l. Efficiency values are conforming to IS 12615:2011/ IEC 60034-30-2014

OUTPUT		2 POLE : 3000 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.37	0.50	GD71	10110	442
0.55	0.75	GD/NG80	13110	574
0.75	1.00	GD/NG80	13560	593
1.10	1.50	GD/NG80	14790	647
1.50	2.00	GD/NG90S	16940	741
2.20	3.00	GD/NG90L	21770	952
3.00	4.00	GD/NG100L	26910	1177
3.70	5.00	GD/NG100L	27030	1183
5.50	7.50	GD/NG132S	44130	1931
7.50	10	GD/NG132S	45670	1998
11	15	ND160M	79810	3492
15	20	ND160M	93520	4092
18.5	25	ND160L	120230	5260
22	30	ND180M	135920	5947
30	40	ND200L	201210	8803
37	50	ND200L	245450	10738
45	60	ND225M	315900	13821
55	75	ND250MX	427320	18695
75	100	ND280S	531130	23237
90	120	ND280M	615620	26933
110	150	ND315S	773880	33857
125	170	ND315M	908030	39726
132	180	ND315M	951130	41612
160	215	ND315LX	1041890	45583
180	240	ND315LX	1096830	47986
200	270	ND315LX	1216430	53219
225	300	ND355LX	1286230	56273
250	335	ND355LX	1362520	59610
275	370	ND355LX	1442480	63109
315	425	ND355LX	1477170	64626

OUTPUT		4 POLE : 1500 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.37	0.50	GD71	10620	465
0.55	0.75	GD/NG80	13910	609
0.75	1.00	GD/NG80	14120	618
1.10	1.50	GD/NG90S	16030	701
1.50	2.00	GD/NG90L	17550	768
2.20	3.00	GD/NG100L	23280	1019
3.00	4.00	GD/NG100L	24610	1077
3.70	5.00	GD/NG112M	29710	1300
5.50	7.50	GD/NG132S	41120	1799
7.50	10	GD/NG132M	47690	2086
11	15	ND160M	76420	3343
15	20	ND160L	95010	4157
18.5	25	ND180M	128880	5639
22	30	ND180L	143640	6284
30	40	ND200L	193000	8444
37	50	ND225S	238160	10420
45	60	ND225M	288690	12630
55	75	ND250MX	396740	17357
75	100	ND280S	482840	21124
90	120	ND280M	562440	24607
110	150	ND315S	681220	29803
125	170	ND315M	776030	33951
132	180	ND315M	798230	34923
160	215	ND315LX	936520	40973
180	240	ND315LX	996100	43579
200	270	ND315LX	1136890	49739
225	300	ND355LX	1168960	51142
250	335	ND355LX	1259190	55090
275	370	ND355LX	1274890	55776
315	425	ND355LX	1441300	63057
355	473	ND355LX	1977660	86523
375	500	ND355LX	2259850	98868

For other ratings please contact nearest CG branch office.

For MEPS-B2 performance please charge 10 % additional to above prices

Standard paint shade : RAL 5021 (Water Blue).



Price List No. LTM/009 Rev 1

**TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE 3 PH INDUCTION MOTORS-FLANGE MOUNTED**

Enclosure confirming to protection IP 55 Horizontal Flange Mounted (any other mounting than B3), continuously rated (S1) suitable for operation on 415+/- 10% V, 3 Phase 50Hz+/- 5% AC supply with ambient 50°C, Class "F" insulation with temperature rise limited to Class "B" and altitude less than 1000 m above m.s.l. Efficiency values are conforming to IS 12615:2011/ IEC 60034-30-2014

OUTPUT		6 POLE : 1000 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.37	0.50	GD/ND80	14780	647
0.55	0.75	GD/ND80	15160	663
0.75	1.00	GD/NG90S	17070	747
1.10	1.50	GD/NG90L	18720	819
1.50	2.00	GD/NG100L	24020	1051
2.20	3.00	GD/NG112M	28710	1256
3.00	4.00	GD/NG132S	41950	1835
3.70	5.00	GD/NG132S	43680	1911
5.50	7.50	NG132M	48730	2132
7.50	10	ND160M	78790	3447
11	15	ND160L	98110	4292
15	20	ND180L	134600	5889
18.5	25	ND200L	175060	7659
22	30	ND200L	189990	8312
30	40	ND225M	295780	12940
37	50	ND250M	397790	17403
45	60	ND280S	476480	20846
55	75	ND280M	542530	23736
75	100	ND315S	653100	28573
90	120	ND315M	817250	35755
110	150	ND315M	911310	39870
125	170	ND315L	993290	43456
132	180	ND315LX	1063820	46542
160	215	ND315LX	1107700	48462
180	240	ND355L	1221700	53449
200	270	ND355LX	1268700	55506
225	300	ND355LX	1318020	57663
250	335	ND355LX	1367360	59822
275	370	ND355LX	1582680	69242
315	425	ND355LX	2176840	95237

For other ratings please contact nearest CG branch office.

For MEPS-B2 performance please charge 10 % additional to above prices

8 pole motors are available on request

Standard paint shade : RAL 5021 (Water Blue).



Price List No. LTM/009 Rev 1

TOTALLY ENCLOSED FAN COOLED 3 PHASE SQUIRREL CAGE INDUCTION MOTOR FOOT MOUNTED

208/230/460 Volt or 575 V 60 Hz , ambient 40°C , class F insulation with class B temp rise . As per NEMA MG-1

OUTPUT		2 POLE : 3600 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.75	1.00	143T	18020	788
1.10	1.50	143T	21400	936
1.50	2.00	145T	21940	960
2.20	3.00	182T	38560	1687
3.70	5.00	184T	41900	1833
5.50	7.50	213T	59460	2601
7.50	10	215T	63820	2792
11	15	254T	97970	4286
15	20	256T	106240	4648
18.5	25	284TS	162140	7094
22	30	286TS	164050	7177
30	40	324TS	246370	10779
37	50	326TS	259770	11365
45	60	364TS	366280	16025
55	75	365TS	408940	17891
75	100	405TS	524370	22941

OUTPUT		4 POLE : 1800 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.75	1.00	143T	20260	886
1.10	1.50	145T	20790	910
1.50	2.00	145T	23040	1008
2.20	3.00	182T	38940	1704
3.70	5.00	184T	42510	1860
5.50	7.50	213T	65540	2867
7.50	10	215T	70580	3088
11	15	254T	105510	4616
15	20	256T	117310	5132
18.5	25	284T	178670	7817
22	30	286T	186670	8167
30	40	324T	272870	11938
37	50	326T	304870	13338
45	60	364T	383880	16795
55	75	365T	421220	18428
75	100	405T	525270	22981

OUTPUT		6 POLE : 1200 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.75	1	145T	20300	888
1.10	1.5	182T	37870	1657
1.50	2	184T	39780	1740
2.20	3	213T	61420	2687
3.70	5	215T	66750	2920
5.50	7.5	254T	110560	4837
7.50	10	256T	125360	5485
11	15	284T	179470	7852
15	20	286T	183470	8027
18.5	25	324T	246190	10771
22	30	326T	258340	11302
30	40	364T	394790	17272
37	50	365T	442790	19372
45	60	404T	489380	21410
55	75	405T	521380	22810

NEMA BODY MOTORS	
IEC FRAME	EQUIVALENT NEMA FRAME
90S	END 143T
90L	END 145T
112M	END 184T
132S	END 213T
132M	END 215T
160M	END 254T
160L	END 256T
180M	END 284T
180L	END 286T
200L	END 324T
225S	END 364T
225M	END 365T
250M	END 405T
280S	END 444T
280M	END 447T

Standard paint shade : RAL 5021 (Water Blue).

NEMA - C Flange in addition to foot 8%

NEMA - C Flange without foot 5%

ND Series



General purpose LV motors

0.18 kW to 630 kW

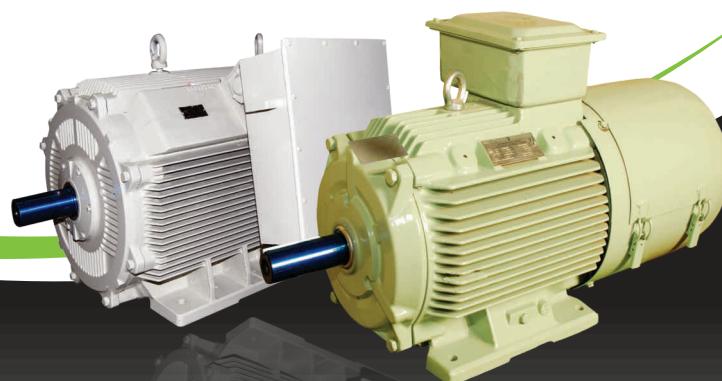
IEC 63 to 450 LX

2 to 24 Pole

220 to 690 V

Squirrel cage/ Slip ring

Cast iron construction



Power behind the drive..

- Rugged construction
- Perfect choice for industrial applications
- Less noise and vibration.
- Bigger terminal box to accommodate bigger cable sizes



Paper



Mines & metals



Power



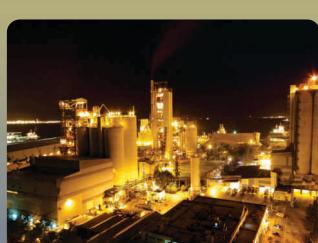
Railway



Steel



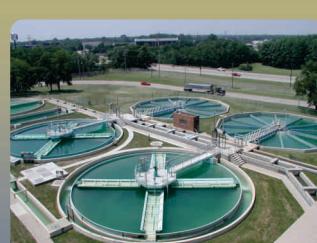
Power



Cement



Pharmaceuticals



Water treatment

Price List No. LTM/009 Rev 1

GD Series**TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE INDUCTION MOTORS-FOOT MOUNTED**

Enclosure confirming to protection IP 55 Horizontal Foot Mounted (B3), continuously rated (S1) suitable for operation on 415+/- 10% V, 3 Phase 50Hz+/- 5% AC supply with ambient 50°C ambient, Class "F" insulation with temperature rise limited to Class "B" and altitude less than 1000 m above m.s.l. conforming to IS 325/IEC 60034-1

OUTPUT		2 POLE : 3000 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.18	0.25	GD63	7800	341
0.25	0.33	GD63	8030	351
0.37	0.50	GD71	8540	374

OUTPUT		4 POLE : 1500 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.18	0.25	GD63	8520	373
0.25	0.33	GD63	8670	379
0.37	0.50	GD71	8970	392

TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE INDUCTION MOTORS-FLANGE MOUNTED

Enclosure confirming to protection IP 55 Range Mounting (Any other mounting than B3), continuously rated (S1) suitable for operation on 415+/- 10% V, 3 Phase 50Hz+/- 5% AC supply with ambient 50°C, Class "F" insulation with temperature rise limited to Class "B" and altitude less than 1000 m above m.s.l. conforming to IS 325/IEC 60034-1

OUTPUT		2 POLE : 3000 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.18	0.25	GD63	8040	352
0.25	0.33	GD63	8270	362
0.37	0.50	GD71	8790	385

OUTPUT		4 POLE : 1500 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.18	0.25	GD63	8760	383
0.25	0.33	GD71	8940	391
0.37	0.50	GD71	9230	404



Price List No. LTM/009 Rev 1

ND Series

TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE INDUCTION MOTORS-FOOT MOUNTED

Enclosure confirming to protection IP 55 Horizontal Foot Mounted (B3), continuously rated (S1) suitable for operation on 415+/- 10% V, 3 Phase 50Hz+/- 5% AC supply with ambient 50°C, Class "F" insulation with temperature rise limited to Class "B" and altitude less than 1000 m above m.s.l. conforming to IS 325.

OUTPUT		2 POLE : 3000 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.55	0.75	GD/ND80	11060	484
0.75	1.00	GD/ND80	11440	501
*1.10	1.50	GD/ND80	12570	550
1.50	2.00	GD/ND90S	14370	629
2.20	3.00	GD/ND90L	18470	808
3.00	4.00	GD/ND100L	21690	949
3.70	5.00	GD/ND100L	22700	993
*5.50	7.50	ND112M	33240	1454
5.50	7.50	ND/ND132S	37120	1624
7.50	10.00	GD/ND132S	38550	1687
#9.30	12.50	GD/ND132M	59870	2619
9.30	12.50	ND160M	67010	2932
11.00	15	ND160M	67390	2948
15.00	20	ND160M	78930	3453
18.50	25	ND160L	101490	4440
22	30	ND180M	113170	4951
30	40	ND200L	168330	7364
37	50	ND200L	205350	8984
45	60	ND225M	264270	11562
55	75	ND250M	354110	15492
60	80	ND250MX	382420	16731
75	100	ND280S	461070	20172
90	120	ND280M	534450	23382
110	150	ND315S	701920	30709
125	170	ND315M	823610	36033
132	180	ND315M	862700	37743
150	200	ND315L	912380	39917
160	215	ND315LX	945020	41345
180	240	ND315L	994860	43525
200	270	ND315LX	1103330	48271
\$225	300	ND355L	1166650	51041
250	335	ND355LX	1235840	54068
275	370	ND355LX	1308370	57241
315	425	ND355LX	1339830	58618
\$335	452	ND355LX	1528940	66891

* This rating is suitable for class F temp rise only

All GD frames are in Aluminium body & TB on Top

This rating is suitable for 45°C Amb. / 75 °C Temp. rise

\$ This rating is suitable for 40°C Amb. / 80 °C Temp. rise

OUTPUT		4POLE : 1500RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.55	0.75	GD/ND80	11810	517
0.75	1.00	GD/ND80	11900	521
1.10	1.50	GD/ND90S	13540	592
1.50	2.00	GD/ND90L	14750	645
2.20	3.00	GD/ND100L	19560	856
3.00	4.00	GD/ND100L	20570	900
3.70	5.00	GD/ND112M	25080	1097
5.50	7.50	GD/ND132S	34560	1512
7.50	10.00	GD/ND132M	40270	1762
*9.30	12.50	ND132M	55390	2423
9.30	12.50	ND160M	64090	2804
11.00	15	ND160M	64520	2823
#15.00	20	ND160L	80200	3509
18.50	25	ND180M	107310	4695
22	30	ND180L	119590	5232
30	40	ND200L	161460	7064
37	50	ND225S	198300	8676
45	60	ND225M	240370	10516
55	75	ND250M	328770	14384
60	80	ND250MX	355060	15534
75	100	ND280S	423180	18514
90	120	ND280M	487920	21347
110	150	ND315S	617880	27032
125	170	ND315M	703880	30795
132	180	ND315M	724010	31675
160	215	ND315LX	849450	37163
180	240	ND315L	903490	39528
200	270	ND315LX	1031190	45115
\$225	300	ND355L	1060280	46387
250	335	ND355LX	1142110	49967
260	350	ND355LX	1142110	49967
275	370	ND355LX	1156360	50591
315	425	ND355LX	1307300	57194
335	452	ND355LX	1407730	61588
350	470	ND355LX	1677270	73381
360	485	ND355LX	1793800	78479
#375	503	ND355LX	2049740	89676

Standard paint shade : 631 (IS - 5)
: RAL 5021 (For GD Frames only)



Price List No. LTM/009 Rev 1

ND Series

TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE INDUCTION MOTORS-FOOT MOUNTED

Enclosure confirming to protection IP 55 Horizontal Foot Mounted (B3), continuously rated (S1) suitable for operation on 415+/- 10% V, 3 Phase 50Hz+/- 5% AC supply with ambient 50°C, Class "F" insulation with temperature rise limited to Class "B" and altitude less than 1000 m above m.s.l. conforming to IS 325.

OUTPUT		6POLE : 1000RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.37	0.50	GD/ND80	12470	546
0.55	0.75	GD/ND80	12800	560
0.75	1.00	GD/ND90S	14410	630
1.10	1.50	GD/ND90L	15800	691
1.50	2.00	GD/ND100L	20190	883
2.20	3.00	GD/ND112M	24140	1056
3.00	4.00	GD/ND132S	35240	1542
3.70	5.00	GD/ND132S	36880	1614
5.50	7.50	GD/ND132M	41120	1799
7.50	10.00	ND160M	66510	2910
9.30	12.50	ND160L	78680	3442
11.00	15	ND160L	82820	3623
15.00	20	ND180L	113130	4949
18.50	25	ND200L	145760	6377
22	30	ND200L	158200	6921
30	40	ND225M	247450	10826
37	50	ND250M	331230	14491
45	60	ND280S	424780	18584
55	75	ND280M	481930	21084
75	100	ND315S	592380	25917
90	120	ND315M	741260	32430
110	150	ND315M	826580	36163
125	170	ND315L	900940	39416
132	180	ND315L	964910	42215
150	200	ND315LX	996620	43602
160	215	ND315LX	1004710	43956
180	240	ND355L	1108110	48480
200	270	ND355LX	1150740	50345
225	300	ND355LX	1195480	52302
250	335	ND355LX	1240230	54260
275	370	ND355LX	1435530	62804
#315	415	ND355LX	1974450	86382

OUTPUT		8POLE : 750RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.37	0.50	GD/ND90S	13850	606
0.55	0.75	GD/ND90L	15170	664
0.75	1.00	GD/ND100L	18650	816
1.10	1.50	GD/ND100L	22740	995
1.50	2.00	GD/ND112M	26330	1152
2.20	3.00	GD/ND132S	34890	1526
3.00	4.00	GD/ND132M	54650	2391
3.70	5.00	GD/ND132M	54390	2380
5.50	7.50	ND160M	66540	2911
7.50	10.00	ND160L	84420	3693
9.30	12.50	ND180M	109770	4802
11.00	15	ND180L	115760	5065
15.00	20	ND200L	163020	7132
18.50	25	ND225S	209210	9153
22	30	ND225M	251500	11003
30	40	ND250M	339600	14858
37	50	ND280S	434020	18988
45	60	ND280M	501490	21940
55	75	ND315S	607680	26586
75	100	ND315M	754560	33012
90	120	ND315L	855430	37425
110	150	ND315LX	905590	39620
125	170	ND315LX	994960	43530
132	180	ND315LX	1049230	45904
150	200	ND355L	1106870	48426
160	215	ND355LX	1219030	53333
180	240	ND355LX	1250700	54718
200	270	ND355LX	1339850	58618
#225	300	ND355LX	1903690	83286

This rating is suitable for 45°C Amb. / 75 °C Temp. rise

All GD frames are in Aluminium body & TB on Top

Standard paint shade : 631 (IS - 5)

: RAL 5021 (For GD Frames only)



Price List No. LTM/009 Rev 1

ND Series

TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE INDUCTION MOTORS-FLANGE MOUNTED

Enclosure confirming to protection IP 55 Horizontal Flange Mounted (B5), continuously rated (S1) suitable for operation on 415+/- 10% V,3 Phase 50Hz+/- 5% AC supply with ambient 50°C, Class "F" insulation with temperature rise limited to Class "B" and altitude less than 1000 m above m.s.l. conforming to IS 325.

OUTPUT		2 POLE : 3000 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.55	0.75	GD/ND80	11380	498
0.75	1.00	GD/ND80	11770	515
*1.10	1.50	GD/ND80	12960	567
1.50	2.00	GD/ND90S	14820	648
2.20	3.00	GD/ND90L	19030	833
3.00	4.00	GD/ND100L	23400	1024
3.70	5.00	GD/ND100L	23400	1024
*5.50	7.50	ND112M	34220	1497
5.50	7.50	GD/ND132S	38230	1673
7.50	10.00	GD/ND132S	39720	1738
#9.30	12.50	GD/ND132M	61670	2698
9.30	12.50	ND160M	69050	3021
11.00	15	ND160M	69400	3036
15.00	20	ND160M	81320	3558
18.50	25	ND160L	104540	4574
22	30	ND180M	118820	5198
30	40	ND200L	176740	7732
37	50	ND200L	215630	9434
45	60	ND225M	277470	12139
55	75	ND250M	371790	16266
60	80	ND250MX	401560	17568
75	100	ND280S	484140	21181
90	120	ND280M	561170	24551
110	150	ND315S	737030	32245
125	170	ND315M	864810	37835
132	180	ND315M	905860	39631
150	200	ND315L	958000	41913
160	215	ND315LX	992230	43410
180	240	ND315L	1044600	45701
200	270	ND315LX	1158490	50684
225	300	ND355L	1224980	53593
250	335	ND355LX	1297640	56772
275	370	ND355LX	1373790	60103
315	425	ND355LX	1406820	61548
335	452	ND355LX	1605390	70236

OUTPUT		4 POLE : 1500RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.55	0.75	GD/ND80	12150	532
0.75	1.00	GD/ND80	12260	536
1.10	1.50	GD/ND90S	13940	610
1.50	2.00	GD/ND90L	15200	665
2.20	3.00	GD/ND100L	20150	882
3.00	4.00	GD/ND100L	22180	970
3.70	5.00	GD/ND112M	25830	1130
5.50	7.50	GD/ND132S	35590	1557
7.50	10.00	GD/ND132M	41490	1815
*9.30	12.50	ND132M	57040	2496
9.30	12.50	ND160M	66010	2888
11.00	15	ND160M	66450	2907
#15.00	20	ND160L	82610	3614
18.50	25	ND180M	112670	4929
22	30	ND180L	125570	5494
30	40	ND200L	169550	7418
37	50	ND225S	208200	9109
45	60	ND225M	252370	11041
55	75	ND250M	345200	15103
60	80	ND250MX	372830	16311
75	100	ND280S	444340	19440
90	120	ND280M	512310	22414
110	150	ND315S	648790	28385
125	170	ND315M	739080	32335
132	180	ND315M	760200	33259
160	215	ND315LX	891920	39022
180	240	ND315L	948670	41504
200	270	ND315LX	1082760	47371
\$225	300	ND355L	1113290	48706
250	335	ND355LX	1199220	52466
260	350	ND355LX	1199220	52466
275	370	ND355LX	1214200	53121
315	425	ND355LX	1372650	60053
335	452	ND355LX	1478120	64668
350	470	ND355LX	1761130	77049
360	485	ND355LX	1883480	82402
#375	503	ND355LX	2152220	94160

* This rating is suitable for class F temp rise only

All GD frames are in Aluminium body & TB on TOP

This rating is suitable for 45°C Amb. / 75 °C Temp. rise

\$ This rating is suitable for 40°C Amb. / 80 °C Temp. rise

Standard paint shade : 631 (IS - 5)

: RAL 5021 (For GD Frames only)



Price List No. LTM/009 Rev 1

ND Series

TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE INDUCTION MOTORS-FLANGE MOUNTED

Enclosure confirming to protection IP 55 Horizontal Flange Mounted (B5), continuously rated (S1) suitable for operation on 415+/- 10% V, 3 Phase 50Hz+/- 5% AC supply with ambient 50°C, Class "F" insulation with temperature rise limited to Class "B" and altitude less than 1000 m above m.s.l. conforming to IS 325.

OUTPUT		6 POLE : 1000RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.37	0.50	GD/ND80	12850	562
0.55	0.75	GD/ND80	13210	578
0.75	1.00	GD/ND90S	14840	649
1.10	1.50	GD/ND90L	16280	712
1.50	2.00	GD/ND100L	20800	910
2.20	3.00	GD/ND112M	24850	1087
3.00	4.00	GD/ND132S	36300	1588
3.70	5.00	GD/ND132S	37980	1662
5.50	7.50	GD/ND132M	42370	1854
7.50	10.00	ND160M	68510	2997
9.30	12.50	ND160L	81030	3545
11.00	15	ND160L	85310	3732
15.00	20	ND180L	118810	5198
18.50	25	ND200L	153050	6696
22	30	ND200L	166110	7267
30	40	ND225M	259840	11368
37	50	ND250M	347790	15216
45	60	ND280S	446000	19513
55	75	ND280M	506020	22138
75	100	ND315S	622010	27213
90	120	ND315M	778340	34052
110	150	ND315M	867880	37970
125	170	ND315L	946000	41388
132	180	ND315L	1013160	44326
150	200	ND315LX	1046460	45783
160	215	ND315LX	1054960	46155
180	240	ND355L	1163520	50904
200	270	ND355LX	1208290	52863
225	300	ND355LX	1255250	54917
250	335	ND355LX	1302260	56974
275	370	ND355LX	1507310	65945
#315	415	ND355LX	2073190	90702

OUTPUT		8 POLE : 750RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.37	0.50	GD/ND90S	14250	623
0.55	0.75	GD/ND90L	15620	683
0.75	1.00	GD/ND100L	19220	841
1.10	1.50	GD/ND100L	23410	1024
1.50	2.00	GD/ND112M	27100	1186
2.20	3.00	GD/ND132S	35940	1572
3.00	4.00	GD/ND132M	56290	2463
3.70	5.00	GD/ND132M	56020	2451
5.50	7.50	ND160M	68560	3000
7.50	10.00	ND160L	86480	3784
9.30	12.50	ND180M	115260	5043
11.00	15	ND180L	121520	5317
15.00	20	ND200L	171190	7490
18.50	25	ND225S	219670	9611
22	30	ND225M	264070	11553
30	40	ND250M	356590	15601
37	50	ND280S	455730	19938
45	60	ND280M	526550	23037
55	75	ND315S	638070	27916
75	100	ND315M	792280	34662
90	120	ND315L	898190	39296
110	150	ND315LX	950850	41600
125	170	ND315LX	1044710	45706
132	180	ND315LX	1101680	48199
150	200	ND355L	1162220	50847
160	215	ND355LX	1279980	55999
180	240	ND355LX	1313240	57454
#225	300	ND355LX	2008400	87868

* This rating is suitable for class F temp rise only

This rating is suitable for 45°C Amb. / 75 °C Temp. rise

All GD frames are in Aluminum body & TB on TOP

Standard paint shade : 631 (IS - 5)

: RAL 5021 (For GD Frames only)

Price List No. LTM/009 Rev 1

ND Series**TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE INDUCTION MOTORS-FOOT MOUNTED**

Enclosure confirming to protection IP 55 Horizontal Foot Mounted (B3),continuously rated (S1) suitable for operation on 415+/- 10% V,3 Phase 50Hz+/- 5% AC supply with ambient 45°C,Class "F" insulation with temperature rise limited to Class "B" and altitude less than 1000 m above m.s.l. conforming to IS 325

OUTPUT				
kW	HP	POLE	FRAME	PRICE
315*	425	6	NG355LX	On Enquiry
350#@	470	6	NG355LX	On Enquiry
225*	300	8	NG355LX	On Enquiry
250#	335	8	NG355LX	On Enquiry

OUTPUT		2 POLE : 3000 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
350	467	ND400LX	2378140	104044
400	533	ND400LX	2676280	117087
#425	567	NG400LX	2687220	117566
#500	667	NG400LX	On Enquiry	
#630	840	NG400LX	On Enquiry	

OUTPUT		4 POLE : 1500 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
375	500	ND400LX	2369620	103671
425	567	ND400LX	2420290	105888
470	627	ND400LX	2482470	108608
#500	667	NG400LX	2540200	111134
#560	747	NG400LX	On Enquiry	
#630	840	NG400LX	On Enquiry	

OUTPUT		6 POLE : 1000 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
315	425	ND400LX	2389160	104526
325	433	ND400LX	2454500	107384
415	553	ND400LX	2759210	120715
430	573	NG450LX	On Enquiry	
#450	600	NG400LX	On Enquiry	
500	667	NG450LX	On Enquiry	
#500	667	NG400LX	On Enquiry	
#560	747	NG400LX	On Enquiry	

OUTPUT		8 POLE : 750 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
250	333	ND400LX	2861060	125171
275	367	ND400LX	3147160	137688
300	400	ND400LX	On Enquiry	
#355	473	NG400LX	On Enquiry	
375	500	NG450LX	On Enquiry	
#400	533	NG400LX	On Enquiry	
425	567	NG450LX	On Enquiry	
#450	600	NG400LX	On Enquiry	

OUTPUT		10 POLE : 600 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
250	333	NG450LX	On Enquiry	
300	400	NG450LX	On Enquiry	

Suitable for 40 degree ambient

* Suitable for 50 degree ambient

@ Class F rise

Standard paint shade : 631 (IS - 5).

Price List No. LTM/009 Rev 1

TOTALLY ENCLOSED FAN COOLED SLIRING INDUCTION MOTORS

Enclosure confirming to protection IP 55 Horizontal Foot Mounted (B3),continuously rated (S1) suitable for operation on 415+/- 10% V,3 Phase 50Hz+/- 5% AC supply with ambient 45°C,Class "F" insulation with temperature rise limited to Class "B" and altitude less than 1000 m above m.s.l. conforming to IS 325

OUTPUT		4 POLE : 1500 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
3.00	4.00	DW132S	90880	3976
3.70	5.00	DW132S	92960	4067
5.50	7.50	DW132S	94890	4151
5.50	7.50	DW132M	115290	5044
7.50	10	NDW160M	125660	5498
11.00	15	NDW160L	157250	6880
15.00	20	NDW180L	208170	9107
18.50	25	NDW200L	239480	10477
22	30	NDW200L	266070	11641
30	40	NDW225M	328680	14380
37	50	NDW250M	450700	19718
45	60	NDW250M	538720	23569
55	75	NDW280S	593730	25976
75	100	NDW280M	659260	28843
90	120	NDW315S	821870	35957
110	150	NDW315M	949680	41549
125	170	NDW315LX	1044600	45701
132	180	NDW315LX	1101100	48173
150	200	NDW315LX	1249310	54657
160	215	NDW315LX	1276220	55835
180	240	NDW355L	1350210	59072
200	270	NDW355L	1500230	65635
225	300	NDW355LX	1580880	69164
250	335	NDW355LX	1600500	70022
275	370	NDW355LX	1697360	74260
300	402	NDW400LX	2413770	105602
315	436	NDW400LX	2534470	110883
350	470	NDW400LX	2816080	123204

OUTPUT		6 POLE : 1000 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
2.20	3.00	DW132S	93850	4106
3.00	4.00	DW132S	98740	4320
3.70	5.00	DW132M	103730	4538
5.50	7.50	NDW160M	126510	5535
7.50	10	NDW160L	157850	6906
11.00	15	NDW180L	204950	8967
15.00	20	NDW200L	267570	11706
18.50	25	NDW225M	345020	15095
22	30	NDW225M	412290	18038
30	40	NDW250M	545280	23856
37	50	NDW280S	617360	27010
45	60	NDW280M	670800	29348
55	75	NDW315S	748050	32727
75	100	NDW315M	944860	41338
90	120	NDW315LX	1047700	45837
110	150	NDW315LX	1243530	54404
125	170	NDW315LX	1350370	59079
132	180	NDW315LX	1425970	62386
150	200	NDW355LX	1447690	63336
160	215	NDW355LX	1544190	67558
180	240	NDW355LX	1640670	71779
*200	270	NDW355LX	1777390	77761
225	300	NDW400LX	1908100	83479
250	335	NDW400LX	2120120	92755
275	370	NDW400LX	2332120	102030
300	402	NDW400LX	2544100	111304
315	436	NDW400LX	2756110	120580

* Rotor with class F temperature rise
Position of Terminal Box on Top
Standard paint shade : 631 (IS - 5).

Price List No. LTM/009 Rev 1

TOTALLY ENCLOSED FAN COOLED SLIRING INDUCTION MOTORS

Enclosure confirming to protection IP 55 Horizontal Foot Mounted (B3),continuously rated (S1) suitable for operation on 415+/- 10% V,3 Phase 50Hz+/- 5% AC supply with ambient 45°C,Class "F" insulation with temperature rise limited to Class "B" and altitude less than 1000 m above m.s.l. conforming to IS 325

OUTPUT		8 POLE : 750 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
3.00	4.00	NDW160M	135310	5920
3.70	5.00	NDW160M	140130	6131
5.50	7.50	NDW160L	157070	6872
7.50	10	NDW180L	213620	9346
11.00	15	NDW200L	279860	12244
15.00	20	NDW225M	359860	15744
18.50	25	NDW225M	416180	18208
22	30	NDW250M	543210	23765
30	40	NDW280S	626710	27419
37	50	NDW280M	718830	31449
45	60	NDW315S	883590	38657
55	75	NDW315M	1022630	44740
75	100	NDW315LX	1125780	49253
90	120	NDW315LX	1331560	58256
110	150	NDW355LX	1418190	62046
125	170	NDW355LX	1577540	69017
132	180	NDW355LX	1620810	70910
150	200	NDW355LX	1736290	75963
160	215	NDW355LX	1759250	76967
180	240	NDW400LX	2084380	91192
200	270	NDW400LX	2315800	101316
225	300	NDW400LX	2605270	113981

Price List No. LTM/009 Rev 1

SPDP - SR**SCREEN PROTECTED DRIP PROOF SLIRING INDUCTION MOTORS**

Enclosure confirming to protection IP 21/23 Horizontal Foot Mounted (B3),continuously rated (S1) suitable for operation on 415+/- 10% V,3 Phase 50Hz+/- 5% AC supply with ambient 45°C,Class "F" insulation with temperature rise limited to Class "B" and altitude less than 1000 m above m.s.l.
conforming to IS 325

OUTPUT		4 POLE : 1500 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
7.50	10	CW160M	109230	4779
11.00	15	CW160L	117040	5121
15.00	20	CW180M	145400	6361
18.50	25	CW180M	172220	7535
22	30	CW180L	185100	8098
30	40	CW200M	226620	9915
37	50	CW200L	238330	10427
45	60	CW225M	313650	13722
55	75	CW250S	422840	18499
75	100	CW250S	443980	19424
90	120	CW250MX	541260	23680
110	150	CW280M	605070	26472
125	170	CW280MX	657340	28759
132	180	CW280MX	705960	30886
150	200	CW315S	785890	34383
160	215	CW315M	816870	35738
180	240	CW315MX	879940	38497
200	270	CW315MX	1002840	43874
225	300	CW315MX	1134890	49651
250	335	CW355L	1378190	60296
275	369	CW355L	1456400	63718
300	402	CW355L	1518290	66425
325	435	CW355L	1547270	67693
350	470	CW355L	1644760	71958

OUTPUT		6 POLE : 1000 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
5.50	7.50	CW160M	112610	4927
7.50	10	CW160L	120220	5260
11.00	15	CW180M	168810	7385
15.00	20	CW180L	186050	8140
18.50	25	CW200M	232570	10175
22	30	CW200L	245070	10722
30	40	CW225M	327520	14329
37	50	CW225M	351540	15380
45	60	CW250S	456880	19989
55	75	CW250M	509350	22284
75	100	CW280S	619860	27119
90	120	CW280M	724620	31702
110	150	CW315S	846660	37041
125	170	CW315MX	949720	41550
132	180	CW315MX	974660	42641
150	200	CW315MX	1064840	46587
160	215	CW315MX	1080170	47257
180	240	CW355L	1376950	60242
200	270	CW355L	1409810	61679
225	300	CW355L	1455420	63675
250	335	CW355L	1564550	68449
275	369	CW355L	1685040	73721
300	402	CW400LX	1874480	82009
325	435	CW400LX	2084320	91189

Motors are with roller bearing as inbuilt feature from Frame 225 and above
Position of Terminal box on RHS when viewed from DE
Standard paint shade : 631 (IS - 5).

Price List No. LTM/009 Rev 1

SPDP - SR**SCREEN PROTECTED DRIP PROOF SLIPPING INDUCTION MOTORS**

Enclosure confirming to protection IP 21/23 Horizontal Foot Mounted (B3), continuously rated (S1) suitable for operation on 415+/- 10% V,3 Phase 50Hz+/- 5% AC supply with ambient 45°C, Class "F" insulation with temperature rise limited to Class "B" and altitude less than 1000 m above m.s.l. conforming to IS 325

OUTPUT		8 POLE : 750 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
3.70	5.00	CW160M	114930	5028
5.50	7.50	CW160L	122410	5355
7.50	10	CW180M	168890	7389
11.00	15	CW180L	197770	8652
15.00	20	CW200M	239290	10469
18.50	25	CW200L	251600	11008
22	30	CW225M	331170	14489
30	40	CW225M	367640	16084
37	50	CW250S	463610	20283
45	60	CW250M	532210	23284
55	75	CW280S	631780	27640
75	100	CW280M	690020	30188
90	120	CW315S	879190	38465
110	150	CW315MX	951410	41624
125	170	CW355L	1001380	43810
132	180	CW355L	1057450	46263
150	200	CW355L	1312950	57442
160	215	CW355L	1479200	64715
180	240	CW355L	1565570	68494
200	270	CW355L	1694030	74114
225	300	CW400LX	1781820	77955
250	370	CW400LX	1869500	81791

OUTPUT		10 POLE : 600 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
110	150	CW315MX	1416550	61974
125	170	CW355L	1828000	79975
150	200	CW355L	2083840	91168
160	215	CW355L	2175780	95190
180	240	CW355L	2268680	99255
200	270	CW400LX	2627040	114933
225	300	CW400LX	2902610	126989

Motors are with roller bearing as inbuilt feature from Frame 225 and above
Position of Terminal box on RHS when viewed from DE
Standard paint shade : 631 (IS - 5).

Price List No. LTM/009 Rev 1

SPDP - SC**SCREEN PROTECTED DRIP PROOF SQUIRREL CAGE INDUCTION MOTORS**

Enclosure confirming to protection IP 21/23 Horizontal Foot Mounted (B3), continuously rated (S1) suitable for operation on 415+/- 10% V,3 Phase 50Hz+/- 5% AC supply with ambient 45°C, Class "F" insulation with temperature rise limited to Class "B" and altitude less than 1000 m above m.s.l. conforming to IS 325.

OUTPUT		2 POLE : 3000 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
11.0	15	C160M	63090	2760
15.0	20	C160M	78510	3435
18.5	25	C160L	108220	4735
22	30	C160L	113800	4979
30	40	C180M	121670	5323
37	50	C180L	172630	7553
45	60	C200M	209950	9185
55	75	C200L	275220	12041
75	100	C225M	322470	14108
90	120	C250S	343840	15043
110	150	C250M	479130	20962
125	170	C280M	524460	22945
132	180	C280M	554260	24249
150	200	C315S	720440	31519
160	215	C315S	749200	32778
180	240	C315M	778050	34040
200	270	C315M	816540	35724
225	300	C315MX	896100	39204

OUTPUT		4 POLE : 1500 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
9.3	12.5	C160M	54660	2391
11	15	C160M	57400	2511
15	20	C160L	71390	3123
18.5	25	C160L	100500	4397
22	30	C180M	108380	4742
30	40	C180L	119060	5209
37	50	C200M	153200	6703
45	60	C200L	193580	8469
55	75	C225M	238650	10441
75	100	C250S	308070	13478
90	120	C250M	342430	14981
110	150	C280S	418070	18291
125	170	C280M	455730	19938
132	180	C280M	481680	21074
150	200	C280MX	595680	26061
160	215	C315S	614260	26874
180	240	C315M	633470	27714
200	270	C315M	697470	30514
250	335	C315MX	1004110	43930

Price List No. LTM/009 Rev 1

SPDP - SC**SCREEN PROTECTED DRIP PROOF SQUIRREL CAGE INDUCTION MOTORS**

Enclosure confirming to protection IP 21/23 Horizontal Foot Mounted (B3), continuously rated (S1) suitable for operation on 415+/- 10% V,3 Phase 50Hz+/- 5% AC supply with ambient 45°C, Class "F" insulation with temperature rise limited to Class "B" and altitude less than 1000 m above m.s.l. conforming to IS 325.

OUTPUT		6 POLE : 1000 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
7.5	10.0	C160M	60660	2654
8.0	10.7	C160M	62650	2741
9.3	12.5	C160L	69800	3054
11.0	15	C160L	73450	3213
15.0	20	C180M	104020	4551
18.5	25	C180L	122250	5348
22	30	C200M	157820	6905
30	40	C200L	196700	8606
37	50	C225M	245940	10760
45	60	C250S	302030	13214
55	75	C250M	345880	15132
75	100	C280S	429020	18770
90	120	C280M	470370	20579
110	150	C315S	604260	26436
125	170	C315M	684490	29946
132	180	C315M	718690	31443
150	200	C315MX	771060	33734
160	215	C315MX	830300	36326
175	240	C315MX	976590	42726

OUTPUT		8 POLE : 750 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
9.3	12.5	C180M	100610	4402
11.0	15	C180M	105860	4631
15.0	20	C180L	116250	5086
18.5	25	C200M	160860	7038
22	30	C200L	200590	8776
30	40	C225M	250880	10976
37	50	C250S	304000	48307
45	60	C250M	319730	13988
55	75	C280S	418130	18293
75	100	C280M	464240	20311
90	120	C315S	599900	26246
110	150	C315M	649280	28406
125	168	C315MX	811980	35524

Position of Terminal box on RHS when viewed from DE
Standard paint shade : 631 (IS - 5).



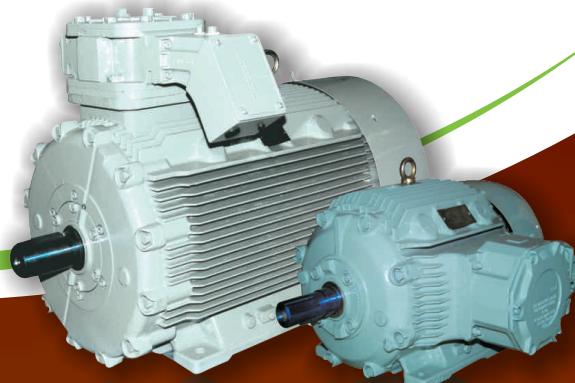
LV Motors for hazardous area

0.37kW to 325kW

IEC 80 to 355LX

2 to 8 pole

Non Sparking/ Increased Safety/ Flameproof



We care for your safety..

- Tested as per the latest IEC60079
- Available for gas group I,IIA,IIB & IIC
- Less noise and vibration
- Available with IE2-3 efficiency
- Available up to T6 temperature class
- Slip ring Flameproof motors are available on request



Coal mines



Chemicals



Oil & gas

CERTIFICATION



CCoE



IECEx



IEC



ATEX



Basesfa



BIS



DGMS



Price List No. LTM/009 Rev 1

**TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE FLAME PROOF INDUCTION MOTORS**

Enclosure confirming to protection IP 55 Horizontal Foot Mounted (B3), continuously rated (S1) suitable for operation on 415+/- 10% V, 3 Phase 50Hz+/- 5% AC supply with ambient 45°C ambient, Class "F" insulation with temperature rise limited to Class "B" and altitude less than 1000 m above m.s.l. conforming to IS/IEC 60079-0: 2004, IS/IEC 60079-1:2007, Motors are suitable for Temperature class T4.

OUTPUT		2 POLE : 3000 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.37	0.50	E80	29290	1281
0.55	0.75	E80	32750	1433
0.75	1.00	E80	33760	1477
1.10	1.50	E90L	37720	1650
1.50	2.00	E90L	38580	1688
2.20	3.00	E90L	52760	2308
3.70	5.00	E100L	67050	2933
5.50	7.50	E132M	95120	4162
7.50	10	E132M	105040	4596
9.30	12.5	E160L	176170	7707
11	15	E160L	176170	7707
15	20	E160L	213770	9352
18.5	25	E160L	242780	10622
22	30	E180L	288000	12600
30	40	E200L	387750	16964
37	50	E200L	502210	21972
45	60	E225M	637480	27890
55	75	E250M	780560	34150
75	100	E280M	959450	41976
90	120	E280M	1037510	45391
110	150	E315M	1202060	52590
132	180	E315M	1425240	62354
*160	215	E315L	1615850	70693
*180	240	E315L	1937310	84757
*200	270	E315L	2407110	105311
*225	300	E355LX	3008900	131639
*250	335	E355LX	3159340	138221

OUTPUT		4 POLE : 1500 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.37	0.50	E80	28790	1260
0.55	0.75	E80	31770	1390
0.75	1.00	E80	33030	1445
1.10	1.50	E90L	37720	1650
1.50	2.00	E90L	40970	1792
2.20	3.00	E100L	52110	2280
3.70	5.00	E112M	66030	2889
5.50	7.50	E132M	90800	3973
7.50	10	E132M	103420	4525
9.30	12.5	E160L	151340	6621
11	15	E160L	159900	6996
15	20	E160L	194490	8509
18.5	25	E180L	220810	9660
22	30	E180L	262470	11483
30	40	E200L	352160	15407
37	50	E225M	458690	20068
45	60	E225M	580020	25376
55	75	E250M	710660	31091
75	100	E280M	870910	38102
90	120	E280M	887800	38841
110	150	E315M	1059930	46372
132	180	E315M	1282800	56123
*160	215	E315L	1347080	58935
*180	240	E315L	1612430	70544
200	270	E315L	1922490	84109
225	300	E355LX	2541300	111182
250	335	E355LX	2618660	114566

Motors with Gas Group I & IIC can also be offered on request with extra price
(Please refer special features section).

For E80, E315L & E355LX terminal box position will be on top only (no other option available).

Gas Group IIC is not available in E315L frame.

For E80 & E355LX-DGMS certificate is not available.

* This rating is suitable for 40° Amb. / 80° temp rise

Standard paint shade : RAL 5021 (Water Blue).



Price List No. LTM/009 Rev 1

**TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE FLAME PROOF INDUCTION MOTORS**

Enclosure confirming to protection IP 55 Horizontal Foot Mounted (B3), continuously rated (S1) suitable for operation on 415+/- 10% V, 3 Phase 50Hz+/- 5% AC supply with ambient 45°C ambient, Class "F" insulation with temperature rise limited to Class "B" and altitude less than 1000 m above m.s.l. conforming to IS/IEC 60079-0: 2004, IS/IEC 60079-1:2007, Motors are suitable for Temperature class T4.

OUTPUT		6 POLE : 1000 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.37	0.50	E80	33400	1461
0.55	0.75	E80	34350	1503
0.75	1.00	E90L	40030	1751
1.10	1.50	E90L	41200	1803
1.50	2.00	E100L	59660	2610
2.20	3.00	E112M	69320	3033
3.70	5.00	E132M	91840	4018
5.50	7.50	E132M	111300	4869
7.50	10	E160L	172230	7535
11	15	E160L	210950	9229
15	20	E180L	269830	11805
18.5	25	E200L	335580	14682
22	30	E200L	364020	15926
30	40	E225M	596770	26109
37	50	E250M	732930	32066
45	60	E280M	851240	37242
55	75	E280M	918150	40169
75	100	E315M	1076640	47103
90	120	E315M	1262510	55235
110	150	E315L	1384150	60557
132	180	E315L	1677810	73404
*160	215	E315L	2113900	92483
180	240	E355LX	2292110	100280
200	270	E355LX	2412750	105558

Motors with Gas Group I & IIC can also be offered on request with extra price
(Please refer special features section).

For E80, E315L & E355LX terminal box position will be on top only (no other option available).

Gas Group IIC is not available in E315L frame.

For E80 & E355LX-DGMS certificate is not available.

* This rating is suitable for 40° Amb. / 80° temp rise

Standard paint shade : RAL 5021 (Water Blue).

For other ratings please contact nearest CG branch office.

> 8 pole motors are available on request



Price List No. LTM/009 Rev 1

**TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE FLAME PROOF INDUCTION MOTORS**

Enclosure confirming to protection IP 55 Horizontal Foot Mounted (B3), continuously rated (S1) suitable for operation on 415+/- 10% V, 3 Phase 50Hz+/- 5% AC supply with ambient 45°C ambient, Class "F" insulation with temperature rise limited to Class "B" and altitude less than 1000 m above m.s.l. conforming to IS/IEC 60079-0: 2004, IS/IEC 60079-1:2007, Motors are suitable for Temperature class T4.

OUTPUT		2 POLE : 3000 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.37	0.50	E80	25470	1114
0.55	0.75	E80	28480	1246
0.75	1.00	E80	29350	1284
1.10	1.50	E90L	32800	1435
1.50	2.00	E90L	33540	1467
2.20	3.00	E90L	45870	2007
3.70	5.00	E100L	58300	2551
5.50	7.50	E132M	82710	3619
7.50	10	E132M	91330	3996
9.30	12.5	E160L	153190	6702
11	15	E160L	153190	6702
15	20	E160L	185890	8133
18.5	25	E160L	211100	9236
22	30	E180L	250430	10956
30	40	E200L	337170	14751
37	50	E200L	436700	19106
45	60	E225M	554330	24252
55	75	E250M	678750	29695
75	100	E280M	834300	36501
90	120	E280M	902180	39470
110	150	E315M	1045260	45730
132	180	E315M	1239340	54221
*160	215	E315L	1405080	61472
*180	240	E315L	1684610	73702
*200	270	E315L	2093140	91575
*225	300	E355LX	2616430	114469
*250	335	E355LX	2747250	120192

OUTPUT		4 POLE : 1500 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.37	0.50	E80	25030	1095
0.55	0.75	E80	27620	1208
0.75	1.00	E80	28710	1256
1.10	1.50	E90L	32800	1435
1.50	2.00	E90L	35620	1558
2.20	3.00	E100L	45300	1982
3.70	5.00	E112M	57410	2512
5.50	7.50	E132M	78950	3454
7.50	10	E132M	89930	3934
9.30	12.5	E160L	131600	5758
11	15	E160L	139040	6083
15	20	E160L	169120	7399
18.5	25	E180L	192010	8400
22	30	E180L	228230	9985
30	40	E200L	306230	13398
37	50	E225M	398860	17450
45	60	E225M	504360	22066
55	75	E250M	617960	27036
75	100	E280M	757310	33132
90	120	E280M	772000	33775
110	150	E315M	921670	40323
132	180	E315M	1115480	48802
*160	215	E315L	1171370	51247
*180	240	E315L	1402110	61342
200	270	E315L	1671730	73138
225	300	E355LX	2209820	96680
250	335	E355LX	2277100	99623

Motors with Gas Group I & IIC can also be offered on request with extra price

(Please refer special features section).

For E80, E315L & E355LX terminal box positon will be on top only (no other option available).

Gas Group IIC is not available in E315L frame.

For E80 & E355LX-DGMS certificate is not available.

* This rating is suitable for 40° Amb. / 80° temp rise

Standard paint shade : RAL 5021 (Water Blue)



Price List No. LTM/009 Rev 1


TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE FLAME PROOF INDUCTION MOTORS

Enclosure confirming to protection IP 55 Horizontal Foot Mounted (B3), continuously rated (S1) suitable for operation on 415+/- 10% V, 3 Phase 50Hz+/- 5% AC supply with ambient 45°C ambient, Class "F" insulation with temperature rise limited to Class "B" and altitude less than 1000 m above m.s.l. conforming to IS/IEC 60079-0: 2004, IS/IEC 60079-1:2007, Motors are suitable for Temperature class T4.

OUTPUT		6 POLE : 1000 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.37	0.50	E80	29040	1271
0.55	0.75	E80	29870	1307
0.75	1.00	E90L	34800	1523
1.10	1.50	E90L	35820	1567
1.50	2.00	E100L	51870	2269
2.20	3.00	E112M	60270	2637
3.70	5.00	E132M	79860	3494
5.50	7.50	E132M	96780	4234
7.50	10	E160L	149760	6552
11	15	E160L	183430	8025
15	20	E180L	234640	10266
18.5	25	E200L	291810	12767
22	30	E200L	316540	13849
30	40	E225M	518930	22703
37	50	E250M	637320	27883
45	60	E280M	740200	32384
55	75	E280M	798380	34929
75	100	E315M	936210	40959
90	120	E315M	1097830	48030
110	150	E315L	1203600	52658
132	180	E315L	1458960	63830
*160	215	E315L	1838170	80420
180	240	E355LX	1993140	87200
200	270	E355LX	2098040	91789

Motors with Gas Group I & IIC can also be offered on request with extra price
(Please refer special features section).

For E80, E315L & E355LX terminal box positon will be on top only (no other option available).

Gas Group IIC is not available in E315L frame.

For E80 & E355LX-DGMS certificate is not available.

* This rating is suitable for 40° Amb. / 80° temp rise

Standard paint shade : RAL 5021 (Water Blue).

For other ratings please contact nearest CG branch office.

> 8 pole motors are available on request



Price List No. LTM/009 Rev 1

**TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE FLAMEPROOF INDUCTION MOTORS- FOOT MOUNTED**

Enclosure confirming to protection IP 55 . Foot Mounted (B3),continuously rated (S1) suitable for operation on 415+/- 10% V,3 Phase 50Hz+/- 5% AC supply with 45°C ambient,Class "F" insulation with temperature rise limited to Class "B" and altitude less than 1000 m above m.s.l. conforming to IEC 60079-1 . Motors are suitable for Temperature class T4 .

OUTPUT		2 POLE : 3000 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.37	0.50	E80	21710	950
0.55	0.75	E80	24280	1062
0.75	1.00	E80	25020	1095
1.10	1.50	E90L	27960	1223
1.50	2.00	E90L	31270	1368
2.20	3.00	E90L	39190	1715
3.70	5.00	E100L	49660	2173
5.50	7.50	E112M	70510	3085
7.50	10.00	E132M	77760	3402
9.30	12.50	E132M	110840	4849
9.30	12.50	E160L	136530	5973
11.00	15	E160L	136530	5973
15.00	20	E160L	165670	7248
18.50	25	E160L	188490	8246
22	30	E180L	222650	9741
30	40	E200L	300500	13147
37	50	E200L	389910	17059
45	60	E225M	492750	21558
55	75	E250M	604940	26466
75	100	E280M	809840	35431
90	120	E280M	839130	36712
110	150	E315M	1009550	44168
125	170	E315M	1184880	51839
132	180	E315M	1196980	52368
150	200	E315L	1315290	57544
160	215	E315L	1357150	59375
180	240	E315L	1627070	71184
200	270	E315L	2032170	88907
225	300	E355LX	2540220	111135
250	335	E355LX	2667230	116691
275	370	E355LX	2800580	122525
315	425	E355LX	2940630	128653
325	435	E355LX	3242030	141839

OUTPUT		4 POLE : 1500 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.37	0.50	E80	21330	933
0.55	0.75	E80	23550	1030
0.75	1.00	E80	24470	1071
1.10	1.50	E90L	27960	1223
1.50	2.00	E90L	30360	1328
2.20	3.00	E100L	38620	1690
3.70	5.00	E112M	48930	2141
5.50	7.50	E132M	67310	2945
7.50	10.00	E132M	76660	3354
9.30	12.50	E160L	117280	5131
11.00	15	E160L	123920	5422
15.00	20	E160L	150990	6606
18.50	25	E180L	170730	7469
22	30	E180L	202930	8878
30	40	E200L	273410	11962
37	50	E225S	356120	15580
45	60	E225M	448320	19614
55	75	E250M	550770	24096
75	100	E280M	707100	30936
90	120	E280M	720810	31535
110	150	E315M	894650	39141
125	170	E315M	1029690	45049
132	180	E315M	1072570	46925
150	200	E315L	1115030	48783
160	215	E315L	1126320	49277
180	240	E315L	1348180	58983
200	270	E315L	1623040	71008
225	300	E355LX	2145460	93864
250	335	E355LX	2210770	96721
275	370	E355LX	2261740	98951
315	425	E355LX	2483650	108660
325	435	E355LX	2607810	114092

Motors with Gas Group I & IIC can also be offered on request with extra price
(Please refer special features section).

For E80, E315L & E355LX terminal box positon will be on top only (no other option available).

Gas Group IIC is not available in E315L frame.

For E80 & E355LX-DGMS certificate is not available.

Standard paint shade : 631 (IS - 5).



Price List No. LTM/009 Rev 1

**TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE FLAMEPROOF INDUCTION MOTORS- FOOT MOUNTED**

Enclosure confirming to protection IP 55 . Foot Mounted (B3),continuously rated (S1) suitable for operation on 415+/- 10% V,3 Phase 50Hz+/- 5% AC supply with 45°C ambient,Class "F" insulation with temperature rise limited to Class "B" and altitude less than 1000 m above m.s.l. conforming to IEC 60079-1 . Motors are suitable for Temperature class T4 .

OUTPUT		6 POLE : 1000 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.37	0.50	E80	24820	1086
0.55	0.75	E80	25400	1111
0.75	1.00	E90L	29590	1295
1.10	1.50	E90L	30530	1336
1.50	2.00	E100L	44130	1931
2.20	3.00	E112M	51290	2244
3.70	5.00	E132M	68030	2976
5.50	7.50	E132M	82360	3603
7.50	10.00	E160L	127470	5577
9.30	12.50	E160L	147290	6444
11.00	15	E160L	156100	6829
15.00	20	E180L	208610	9127
18.50	25	E200L	259370	11347
22	30	E200L	281370	12310
30	40	E225M	461320	20183
37	50	E250M	566510	24785
45	60	E280M	688420	30118
55	75	E280M	742600	32489
75	100	E315M	904230	39560
90	120	E315M	1060330	46389
110	150	E315L	1162520	50860
125	170	E315L	1375530	60179
132	180	E315L	1409100	61648
150	200	E315L	1648950	72142
160	215	E355LX	1775410	77674
180	240	E355LX	1935080	84660
200	270	E355LX	2036930	89116
225	300	E355LX	2138830	93574
250	335	E355LX	2267090	99185
275	370	E355LX	2380450	104145

OUTPUT		8 POLE : 750 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.37	0.50	E90L	29060	1271
0.55	0.75	E90L	31460	1376
0.75	1.00	E100L	38050	1665
1.10	1.50	E100L	44300	1938
1.50	2.00	E112M	53140	2325
2.20	3.00	E132M	70230	3073
3.70	5.00	E132M	113640	4972
5.50	7.50	E160L	130460	5708
7.50	10.00	E160L	159130	6962
9.30	12.50	E180L	202270	8849
11.00	15	E180L	213060	9321
15.00	20	E200L	288010	12600
18.50	25	E225S	357560	15643
22	30	E225M	470590	20588
30	40	E250M	577980	25287
37	50	E280M	741710	32450
45	60	E280M	757470	33139
55	75	E315M	922920	40378
75	100	E315M	1080960	47292
90	120	E315L	1183160	51763
110	150	E315L	1479840	64743
132	180	E355LX	1659390	72598
160	215	E355LX	1885060	82471
180	240	E355LX	1979310	86595
200	270	E355LX	2157460	94389

Motors with Gas Group I & IIC can also be offered on request with extra price
(Please refer special features section).

For E80, E315L & E355LX terminal box positon will be on top only (no other option available).

Gas Group IIC is not available in E315L frame.

For E80 & E355LX-DGMS certificate is not available.

Standard paint shade : 631 (IS - 5).



Price List No. LTM/009 Rev 1

**TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE FLAMEPROOF INDUCTION MOTORS- FLANGE MOUNTED**

Enclosure confirming to protection IP55, Flange Mounted (Any mounting other than B3), Continuously rated (S1) suitable for operation on 415+/-10% V, 3 Phase 50Hz+/-5% AC supply with 45°C ambient, Class "F" insulation with temperature rise limited to class "B" & altitude, less than 1000m above m.s.l. conforming to IEC 60079-1. Motors are suitable for Temperature class T4.

OUTPUT		2 POLE : 3000 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.37	0.50	E80	22350	978
0.55	0.75	E80	25020	1095
0.75	1.00	E80	25750	1127
1.10	1.50	E90L	28780	1259
1.50	2.00	E90L	32200	1409
2.20	3.00	E90L	40240	1761
3.70	5.00	E100L	51130	2237
5.50	7.50	E112M	72620	3177
7.50	10.00	E132M	80110	3505
9.30	12.50	E132M	114180	4995
9.30	12.50	E160L	140650	6153
11.00	15	E160L	140650	6153
15.00	20	E160L	170650	7466
18.50	25	E160L	194140	8494
22	30	E180L	233790	10228
30	40	E200L	315540	13805
37	50	E200L	409420	17912
45	60	E225M	517380	22635
55	75	E250M	635170	27789
75	100	E280M	850310	37201
90	120	E280M	881080	38547
110	150	E315M	1060040	46377
125	170	E315M	1244110	54430
132	180	E315M	1256830	54986
150	200	E315L	1381080	60422
160	215	E315L	1424990	62343
180	240	E315L	1708410	74743
200	270	E315L	2133790	93353

OUTPUT		4 POLE : 1500 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.37	0.50	E80	21990	962
0.55	0.75	E80	24230	1060
0.75	1.00	E80	25190	1102
1.10	1.50	E90L	28780	1259
1.50	2.00	E90L	31250	1367
2.20	3.00	E100L	39770	1740
3.70	5.00	E112M	50380	2204
5.50	7.50	E132M	69330	3033
7.50	10.00	E132M	78950	3454
9.30	12.50	E160L	120790	5285
11.00	15.00	E160L	127640	5584
15.00	20	E160L	155500	6803
18.50	25	E180L	179260	7843
22	30	E180L	213080	9322
30	40	E200L	287100	12561
37	50	E225S	373950	16360
45	60	E225M	470740	20595
55	75	E250M	578310	25301
75	100	E280M	742450	32482
90	120	E280M	756870	33113
110	150	E315M	939360	41097
125	170	E315M	1081180	47302
132	180	E315M	1126210	49272
150	200	E315L	1170780	51222
160	215	E315L	1182660	51741
180	240	E315L	1415600	61933
200	270	E315L	1704200	74559

Motors with Gas Group I & IIC can also be offered on request with extra price
(Please refer special features section).

For E80, E315L & E355LX terminal box positon will be on top only (no other option available).

Gas Group IIC is not available in E315L frame.

For E80 & E355LX-DGMS certificate is not available.

Standard paint shade : 631 (IS - 5).



Price List No. LTM/009 Rev 1

**TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE FLAMEPROOF INDUCTION MOTORS- FLANGE MOUNTED**

Enclosure confirming to protection IP55, Flange Mounted (Any mounting other than B3), Continuously rated (S1) suitable for operation on 415+/-10% V, 3 Phase 50Hz+/-5% AC supply with 45°C ambient, Class "F" insulation with temperature rise limited to class "B" & altitude, less than 1000m above m.s.l. conforming to IEC 60079-1. Motors are suitable for Temperature class T4.

OUTPUT		6 POLE : 1000 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.37	0.50	E80	25570	1119
0.55	0.75	E80	26140	1144
0.75	1.00	E80	30500	1334
1.10	1.50	E90L	31450	1376
1.50	2.00	E90L	45450	1988
2.20	3.00	E90L	52830	2311
3.70	5.00	E100L	70070	3066
5.50	7.50	E112M	84840	3712
7.50	10.00	E132M	131290	5744
9.30	12.50	E132M	151700	6637
11.00	15	E160L	160800	7035
15.00	20	E160L	219030	9583
18.50	25	E160L	272350	11915
22	30	E180L	295460	12926
30	40	E200L	484410	21193
37	50	E200L	594860	26025
45	60	E225M	722860	31625
55	75	E250M	779720	34113
75	100	E280M	949450	41538
90	120	E280M	1113330	48708
110	150	E315M	1220650	53403
125	170	E315M	1444330	63189
132	180	E315M	1479550	64730
150	200	E315L	1731390	75748

OUTPUT		8 POLE : 750 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.37	0.50	E80	29950	1310
0.55	0.75	E80	32400	1418
0.75	1.00	E80	39220	1716
1.10	1.50	E90L	45650	1997
1.50	2.00	E90L	54720	2394
2.20	3.00	E100L	72350	3165
3.70	5.00	E112M	117020	5120
5.50	7.50	E132M	134370	5879
7.50	10.00	E132M	163910	7171
9.30	12.50	E160L	212360	9291
11.00	15	E160L	223710	9787
15.00	20	E160L	302430	13231
18.50	25	E180L	375440	16426
22	30	E180L	494120	21618
30	40	E200L	606860	26550
37	50	E225S	778800	34073
45	60	E225M	795350	34797
55	75	E250M	969070	42397
75	100	E280M	1135030	49658
90	120	E280M	1242330	54352
110	150	E315M	1553820	67980

Motors with Gas Group I & IIC can also be offered on request with extra price
(Please refer special features section).

For E80, E315L & E355LX terminal box positon will be on top only (no other option available).

Gas Group IIC is not available in E315L frame.

For E80 & E355LX-DGMS certificate is not available.

Standard paint shade : 631 (IS - 5).

Price List No. LTM/009 Rev 1

TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE FLAMEPROOF INDUCTION MOTORS

Applicable Standards: IS/IEC 60079-0:2012 / IEC 60079-1:2014

Voltage Range : Max 690V with 50/60 Hz

Ambient Temp* : -20 Deg C to 60 Deg C

Efficiency Level : (IE2/ IE3) with same enclosure

Temp Class: T3

IP Protection : IP55/IP56/IP65/IP66

Note: Temperature class T4 is also available along with thermister. (Frame 90 & above)

ATEX

Gas group IIA IIB

OUTPUT	0.37 kW to 200 kW
FRAME	E80 to E315L

*Nameplate marking

II 2 G Ex db IIB T * Gb IP66 (Temp - 20° C to *** C)

Gas group IIC

OUTPUT	0.37 kW to 315 kW
FRAME	E80 to E355L

*E315L frame is not available



*Nameplate marking

II 2 G Ex db IIC T * Gb IP66 (Temp - 20° C to *** C)

IECEx

Gas group IIA IIB

OUTPUT	0.37 kW to 200 kW
FRAME	E100 to E315L

*Nameplate marking

Ex db IIB T * Gb IP66 (Temp - 20° C Ta + *** C)

Gas group IIC

OUTPUT	0.37 kW to 315 kW
FRAME	E80 to E355LX

*Nameplate marking

Ex db IIC T * Gb IP66 (Temp - 20° C Ta + *** C)

Pricing guideline: 10% extra over equivalent IEC frame ALP
For accessories please refer to division

Standard paint shade : 631 (IS - 5).





Special application Motors

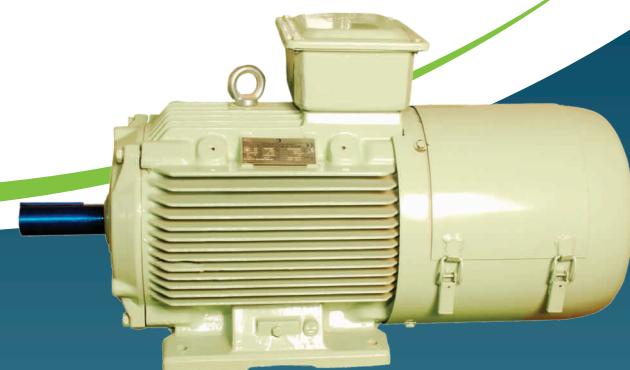
0.25kW to 375kW

IEC 63 to 315 LX

4 to 10 POLE

Crane Duty / Textile Application

(Squirrel cage / Slip Ring)



Power behind the drive

- Rugged construction
- Suitable for operating on VFD
- High output in Lower frame



Price List No. LTM/009 Rev 1

PRABAL

TOTALLY ENCLOSED FAN COOLED 3 PHASE SQUIRREL CAGE CRANE DUTY MOTORS

MOUNTING : FOOT
 VOLTAGE : 415 VOLTS \pm 10%
 FREQUENCY : 50 Hz. \pm 5%
 COMBINED : 10% (ABSOLUTE SUM)

PROTECTION : IP 55
 RATING : S3/S4 (AS PER IS 325-1996)
 INSULATION : CLASS F, TEMP RISE-CLASS B
 AMBIENT : 50°C

OUTPUT		4 POLE : 1500 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.25	0.33	GD63	10870	476
0.55	0.75	GD71	11530	504
0.75	1.00	ND80	12830	561
1.1	1.50	ND80	12830	561
1.5	2.00	ND90S	14140	619
2.2	3.00	ND90L	15460	676
3.7	5.00	ND100L	20830	911
5.5	7.50	ND112M	26100	1142
7.5	10.00	ND132S	35960	1573
9.3	11.00	ND132M	42030	1839
11	15.00	ND160M	65460	2864
15	20.00	ND160M	71250	3118
18.5	25.00	ND160L	83320	3645
22.5	30.00	ND180M	116610	5102
27	36.00	ND180L	125430	5488
37	50.00	ND200L	167340	7321
40	53.33	ND225S	217280	9506
45	60	ND225M	263350	11522

OUTPUT		6 POLE : 1000 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.37	0.50	GD71	12640	553
0.55	0.75	ND80	13590	595
0.75	1.00	ND80	13590	595
1.10	1.50	ND90S	14570	637
1.50	2.00	ND90L	16860	738
2.20	3.00	ND100L	22020	963
3.70	5.00	ND112M	26200	1146
5.50	7.50	ND132S	38550	1687
7.50	10.00	ND132M	42910	1877
9.30	12.50	ND160M	69260	3030
11.00	15.00	ND160M	81800	3579
15.00	20.00	ND160L	85870	3756
18.50	25.00	ND180L	124680	5455
22.00	30.00	ND200L	161110	7049
30.00	40.00	ND225M	224830	9836

OUTPUT		8 POLE : 750 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.30	0.40	ND90S	14960	655
0.60	0.80	ND90L	16850	737
1.30	1.73	ND100L	20280	887
1.90	2.53	ND112M	28510	1247
2.20	3.00	ND132S	37820	1655
3.20	4.27	ND132M	59620	2608
6.00	8.00	ND160M	72680	3180
7.00	9.33	ND160L	94620	4140
10.60	14.13	ND180L	134130	5868
14.50	19.33	ND200L	189970	8311
20.80	27.73	ND225M	276610	12102

Position of Terminal Box RHS when viewed from DE

* For other ratings, please refer page no. 41, Section 5.4 for pricing guidelines.

Standard paint shade : 631 (IS - 5).



Price List No. LTM/009 Rev 1

PRABAL

TOTALLY ENCLOSED FAN COOLED 3 PHASE SLIP RING CRANE DUTY MOTORS

MOUNTING	: FOOT	PROTECTION	: IP 55
VOLTAGE	: 415 VOLTS \pm 10%	RATING	: S3/S4 (AS PER IS 325-1996)
FREQUENCY	: 50 Hzs. \pm 5%	INSULATION	: CLASS F, TEMP RISE-CLASS B
COMBINED	: 10% (ABSOLUTE SUM)	AMBIENT	: 50°C

OUTPUT		6 POLE : 1000 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
1.80	2.41	DW112M	66530	2911
2.60	3.50	DW132S	87620	3833
4.50	6.03	DW132M	104700	4581
6.70	9.00	NDW160M	118790	5197
9.00	12.07	NDW160L	146930	6428
13.20	17.50	NDW180L	221150	9675
17.60	23.60	NDW200L	290760	12721
24.60	33.00	NDW225S	359620	15733
30.50	41.00	NDW225M	443800	19416
36.00	48.28	NDW250S	554750	24270
42.00	56.32	NDW250M	669530	29292
53.50	71.74	NDW280S	736450	32220
66.50	89.18	NDW280M	860790	37660
93.00	126.00	NDW315S	1029130	45024
116.00	156.00	NDW315M	1166850	51050

OUTPUT		8 POLE : 750 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
1.10	1.50	DW112M	70900	3102
1.70	2.30	DW132S	94130	4118
2.50	3.40	DW132M	126460	5533
4.80	6.40	NDW160M	136990	5993
6.70	9.00	NDW160L	170640	7466
9.30	12.50	NDW180L	228990	10018
13.50	18.00	NDW200L	298420	13056
20.20	27.20	NDW225S	387940	16972
26.00	35.00	NDW225M	443800	19416
31.50	42.20	NDW250S	540390	23642
37.00	50.00	NDW250MX	672960	29442
48.00	64.00	NDW280S	751760	32890
59.00	79.00	NDW280M	818710	35819
72.00	96.00	NDW315S	1097980	48037
86.00	115.30	NDW315M	1191720	52138

OUTPUT		10 POLE : 600 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
15.00	20.00	NDW225S	364030	15926
18.50	25.00	NDW225M	426600	18664
22.00	30.00	NDW250M	545270	23856
38.00	51.00	NDW280S	812990	35568
46.50	62.00	NDW280M	889500	38916
60.00	80.00	NDW315S	1132430	49544
66.00	88.00	NDW315M	1186560	51912

Position of Terminal Box RHS when viewed from DE

* For other ratings, please refer page no. 41, Section 5.4 for pricing guidelines.

Standard paint shade : 631 (IS - 5).

AC MOTORS

Brake



Price List No. LTM/009 Rev 1

Kibosh Series Brake Motors

DC fail safe motors with rectifier and manual release

OUTPUT		4 POLE : 1500 RPM				
KW	HP	FRAME	BRAKE SIZE	BRAKE TORQUE N.m	PRICE	Ex. Duty
0.55	0.75	NG80	8	8	23140	1012
0.75	1.00	NG80	8	8	25900	1133
1.10	1.50	NG90S	10	16	29450	1288
1.50	2.00	NG90L	10	16	30660	1341
2.20	3.00	NG100L	12	32	41820	1830
3.00	4.00	NG100L	12	32	41650	1822
3.70	5.00	NG112M	14	60	48930	2141
5.50	7.50	NG132S	16	100	67310	2945
7.50	10.00	NG132M	16	100	73460	3214
9.30	12.50	NG132M	16	100	88480	3871
9.30	12.50	ND160M	18	150	115030	5033
11.00	15	ND160L	20	260	130270	5699
15.00	20	ND160L	20	260	145950	6385
18.50	25	ND180M	25	400	198700	8693
22	30	ND180L	25	400	210980	9230
30	40	ND200L	25	400	252850	11062
37	50	ND225S	31	600	405970	17761
45	60	ND225M	31	600	448040	19602

OUTPUT		6 POLE : 1000 RPM				
KW	HP	FRAME	BRAKE SIZE	BRAKE TORQUE N.m	PRICE	Ex. Duty
0.37	0.50	NG80	8	8	23800	1041
0.55	0.75	NG80	8	8	24130	1056
0.75	1.00	NG90S	10	16	30350	1328
1.10	1.50	NG90L	10	16	31740	1389
1.50	2.00	NG100L	12	32	41270	1806
2.20	3.00	NG112M	14	60	51500	2253
3.00	4.00	NG132S	16	100	68330	2989
3.70	5.00	NG132S	16	100	81620	3571
5.50	7.50	NG132M	16	100	87080	3810
7.50	10.00	ND160M	18	150	117450	5138
9.30	12.50	ND160L	20	260	144430	6319
11.00	15	ND160L	20	260	148570	6500
15.00	20	ND180L	25	400	204520	8948
18.50	25	ND200L	25	400	237150	10375
22	30	ND200L	25	400	249590	10920
30	40	ND225M	31	600	455120	19912

OUTPUT		8 POLE : 750 RPM				
KW	HP	FRAME	BRAKE SIZE	BRAKE TORQUE N.m	PRICE	Ex. Duty
0.37	0.50	NG90S	10	16	29790	1303
0.55	0.75	NG90L	10	16	31110	1361
0.75	1.00	NG100L	12	32	39730	1738
1.10	1.50	NG100L	12	32	43820	1917
1.50	2.00	NG112M	14	60	50110	2192
2.20	3.00	NG132S	16	100	67980	2974
3.00	4.00	NG132M	16	100	87740	3839
3.70	5.00	NG132M	16	100	87480	3827
5.50	7.50	ND160M	18	150	117480	5140
7.50	10.00	ND160L	20	260	150170	6570
9.30	12.50	ND180M	25	400	201160	8801
11.00	15	ND180L	25	400	207150	9063
15.00	20	ND200L	25	400	254410	11130
18.50	25	ND225S	31	600	416880	18239
22	30	ND225M	31	600	459170	20089

Price List No. LTM/009 Rev 1

TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE INDUCTION MOTORS FOR TEXTILE APPLICATIONS

Enclosure confirming to protection IP 54 Horizontal Foot Mounted (B3),continuously rated (S1) suitable for operation on 415+/- 10% V,3 Ph 50Hz+/- 5% AC supply with ambient 45°C,Class "F" insulation with temp. rise limited to Class "B" and altitude less than 1000 m above m.s.l. confirming to IS 325 with clean flow construction.

TOTALLY ENCLOSED(TE) SQUIRREL CAGE INDUCTION MOTORS FOR LOOM/WEAVING APPLICATION

TERMINAL BOX ON RHS , 3 LEAD , STAR CONNECTED

OUTPUT		6 POLE : 1000 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.75	1.00	NR90L	18770	821
1.10	1.50	R112M	21820	955
1.50	2.00	R112M	25070	1097

OUTPUT		8 POLE : 750 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
0.75	1.00	R112M	19150	838
1.10	1.50	R112M	25280	1106
1.50	2.00	R132S	26850	1175

TOTALLY ENCLOSED(TE) SQUIRREL CAGE INDUCTION MOTORS FOR CARD APPLICATION

TERMINAL BOX ON TOP , 3 LEAD , STAR CONNECTED

OUTPUT		6 POLE : 1000 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
1.10	1.50	NR112M	14260	624
1.50	2.00	NR112M	26370	1154
2.20	3.00	NR132S	32040	1402

TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE INDUCTION MOTORS FOR GINNING APPLICATION

TERMINAL BOX ON RHS

100 FRAME WITH 3 LEAD , STAR CONNECTED & OTHERS , 6 LEAD , DELTA CONNECTED

OUTPUT		4 POLE : 1500 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
2.20	3.00	ND100L	19820	867
3.00	4.00	ND112M	25410	1112
3.70	5.00	ND132S	31270	1368
5.50	7.50	ND132S	35420	1550
7.50	10.00	ND132M	40890	1789

CONE WINDING MOTOR

TERMINAL BOX ON TOP , 6 LEAD DELTA CONNECTED

OUTPUT		4 POLE : 1500 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
3.70	5.00	NC132S	31740	1389
5.50	7.50	NC132M	35220	1541

Standard paint shade : 631 (IS - 5).

Price List No. LTM/009 Rev 1

IE3

RING FRAME, TEXTILE MOTOR : TB TOP, AMBIENT :45°C, RISE 75°C , AS PER IS12615 : 2014
 ROLLER BEARING AT DE FOR 160 FR. AND ABOVE TO SUSTAIN HIGHER RADIAL LOAD

OUTPUT		4 POLE : 1500 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
3.70	5.00	ND112M	32750	1433
5.50	7.50	ND132S	44880	1964
7.50	10.00	ND132M	52570	2300
9.30	12.50	ND160M	83060	3634
11.00	15.00	ND160M	85660	3748
13.00	17.50	ND160L	103600	4533
15.00	20.00	ND160L	106450	4657
18.50	25.00	ND180M	149910	6559
22.00	30.00	ND180L	159730	6988
30.00	40.00	ND200L	215470	9427
37.00	50.00	ND225S	277070	12122
45.00	60.00	ND225M	335840	14693

OUTPUT		6 POLE : 1000 RPM		
kW	HP	FRAME	PRICE	EX. DUTY
3.70	5.00	ND132S	47780	2090
5.50	7.50	ND132M	53310	2332

LV AC Alternators..

Slip Ring

3 Phase 415 V, 50 Hz
5kVA to 82.5 kVA
1 phase 230 V, 50 Hz
5 kVA to 25 kVA

Brushless

3 Phase 415 V, 50 Hz
5kVA to 1010 kVA
1 phase 230 V, 50 Hz
5 kVA to 63 kVA



Adding power to life...

- Compact, Light in weight
- More efficient
- Better voltage regulation
- Single/double bearing option

Application

- Marine & Defense
- Commercial lightings
- Agriculture
- Telecom

ALTERNATORS

BRUSHLESS



Price List No. LTM/009 Rev 1

PRICE LIST FOR BRUSHLESS ALTERNATORS

CG Alternators - Brushless Type ---1500 RPM

Screen Protected Drip Proof with enclosure conforming to protection IP 23, Horizontal Foot Mounted (B3), 1500 RPM, 4 Pole, 0.8 PF (lag), Voltage Regulation +/-1%, Single Bearing suitable for operations upto 40 Deg C Ambient Temperature & 1000 mtr alti

3 Phase, 415 V			
KVA	FRAME	PRICE	EX. DUTY
5	G1R132MR	63782	3747
7.5	G1R132MA	64706	3801
10	G1R132MC	67835	3985
12.5	G1R160S1A	72335	4250
15	G1R160S1B	80372	4722
20	G1R160SB	94052	5526
25	G1R160SC	107136	6294
30	G1R160M2A	121716	7151
35	G1R200SE	131597	7731
40	G1R200SE	142454	8369
45	G1R200SA	155694	9147
50	G1R200SB	161606	9494
63	G1R200SC	190071	11167
75	G1R200MB	208782	12266
82.5	G1R200MD	213182	12524
90	G1R200MDX	251428	14771
100	G1R250SB	252294	14822
110	G1R250SD	266574	15661
125	G1R250SD	278179	16343
140	G1R250MA	305613	17955
160	G1R250MB	332124	19512
180	G1R250LB	349351	20524
200	G1R250LD	372185	21866
225	G1R315SE	407054	23914
250	G1R315SE	438344	25753
275	G1R315SA	467087	27441
300	G1R315SB	499553	29349

3 Phase, 415 V			
KVA	FRAME	PRICE	EX. DUTY
320	G1R315SB	526775	30948
380	G1R315MB	605451	35570
400	G1R355SB	658712	38699
437.5	G1R355SE	681366	40030
450	G1R355SE	700770	41170
500	G1R355SE	763623	44863
550	G1R355ME	832666	48919
600	G1R355MA	905021	53170
625	G1R355MA	919147	54000
650	G1R355MB	1026316	60296
670	G1R355MB	1230903	72316
750	G1R400SC	1377876	80950
1010	G1R400MA	1643994	96585

1 Phase, 240 V			
KVA	FRAME	PRICE	EX. DUTY
5	G1R132MA	63217	3714
7.5	G1R160S1E	72534	4261
10	G1R160S1B	81034	4761
12.5	G1R160S2B	94500	5552
15	G1R160S2C	106985	6285
17.5	G1R160M1C	116330	6834
20	G1R160M2A	122294	7185
25	G1R200SF	144264	8476
30	G1R200SA	158766	9328
35	G1R200SC	180170	10585
40	G1R200SD	196014	11516
45	G1R200MB	222524	13073
50	G1R200MDX	249033	14631
63	G1R250SD	300433	17650

110KVA AND 225KVA 3PH ALSO AVAILABLE, PLEASE CHECK WITH WORKS
THESE ALTERNATORS ARE ALSO AVAILABLE IN DOUBLE BEARING CONSTRUCTIONS.
22.5, 17.5KVA ARE AVAILABLE ON LARGE ENQUIRIES"

ALTERNATORS

BRUSHLESS



Price List No. LTM/009 Rev 1

PRICE LIST FOR BRUSHLESS ALTERNATORS

CG Alternators - Brushless Type ---3000 RPM

Screen Protected Drip Proof with enclosure conforming to protection IP 23, Horizontal Foot Mounted (B3), 3000 RPM, 2 Pole, 0.8PF (lag), Voltage Regulation +/-1%, Single Bearing suitable for operations upto 40 Deg C Ambient Temperature & 1000 mtr altitude, temperature rise limited to class 'H' limits.

3 Phase, 415 V			
KVA	FRAME	PRICE	EX. DUTY
5	G1R132MR/2	62910	3696
7.5	G1R132MA/2	64397	3783
10	G1R132MC/2	67517	3967
12.5	G1R160S1A/2	71994	4230
15	G1R160S1A/2	79992	4700
20	G1R160SB/2	94500	5552
25	G1R160SC/2	107650	6324
30	G1R160MA/2	122294	7185

1 Phase, 240 V			
KVA	FRAME	PRICE	EX. DUTY
5	G1R132MR/2	63175	3712
6	G1R132MA/2	67148	3945
7.5	G1R132MC/2	72530	4261
10	G1R160S1A/2	80262	4715
12.5	G1R160SB/2	94505	5552
15	G1R160SC/2	106985	6285

These Alternators are also available in Double Bearing construction.

Minimum order quantity 10 nos.

CG Dual Regulation Alternators - Brushless Type ---1500 RPM - D - Series Alternators for Mini hydro & emergency application.

Screen Protected Drip Proof with enclosure conforming to protection IP 23, Horizontal Foot Mounted (B3), 1500 RPM, 4 Pole, 0.8 PF (lag), Dual Voltage Regulation +/-2.5%, Double Bearing suitable for operations upto 40 Deg C Ambient Temperature & 1000 mtr altitude, with H class insulation & class F temp rise

3 Phase, 415 V			
KVA	FRAME	PRICE	EX. DUTY
13	G2R160SB	94371	5544
15	G2R160SB	104122	6117
20	G2R160MC	169241	9943
25	G2R160M2A	188742	11089
30	G2R200SE	208244	12234
35	G2R200SE	216406	12714
40	G2R200SB	224569	13193
50	G2R200SC	240893	14152
63	G2R200MB	242194	14229
75	G2R250SB	286400	16826
100	G2R250SD	330605	19423
110	G2R250MA	347689	20427
125	G2R250MB	368341	21640
145	G2R250LB	399911	23495
160	G2R250LD	431480	25349
180	G2R315SE	473375	27811
200	G2R315SE	515271	30272



ALTERNATORS

SLIP RING



Price List No. LTM/009 Rev 1

CG Alternators - Slip Ring Type USTAD Series ---1500 RPM

Screen protected Drp Proof with enclosure confirming to protection IP 23,Horizontal foot mounted (B3),Base speed 1500 RPM, Blower cooled (IC06) suitable for operations upto 40 Degree C Ambient Temperature &1000 mtr altitude,Insulation class F with temperature rise limited to class 'F' limits for Frame 100S to 132L,Insulation class H with temperature rise limited to class 'H' for Frame 160A to 280M,Armature voltage 440V & Field voltage 220V for frame 100S to 280M

3 Phase, 415 V			
KVA	FRAME	PRICE	EX. DUTY
5	G2S132MR	35950	2202
6.5	G2S132MR	36220	2218
7.5	G2S132MA	45850	2808
10	G2S132MC	52450	3213
12.5	G2S132MD	57800	3540
15	G2S160S1A	62080	3802
20	G2S160SC	82460	5051
25	G2S160M2A	90130	5520
30	G2S160M2R	101240	6201
32.5	G2S160M2R	103890	6363
35	G2S200SE	109720	6720
40	G2S200SE	116990	7166
45	G2S200SB	130280	7980
50	G2S200SB	134070	8212
63	G2S200SD	162160	9932
75	G2S200MD	181180	11097
82.5	G2S200MD	187850	11506

1 Phase, 240 V			
KVA	FRAME	PRICE	EX. DUTY
5	G2S132MA	41380	2535
6	G2S132MC	47160	2889
7.5	G2S160S1E	51290	3142
10	G2S160S1B	58360	3575
12.5	G2S160SC	71420	4374
15	G2S160M2A	84230	5159
20	G2S200SE	116870	7158



Price List No. LTM/009 Rev 1

Panels for CG Alternators - Slip Ring Type USTAD Series ---1500 RPM

3 Phase, 415 V - High End			
KVA	FRAME	PRICE	EX. DUTY
5	HEPT5	11563	708
6.5	HEPT6.5	11563	708
7.5	HEPT7.5	11563	708
10	HEPT10	11563	708
12.5	HEPT12.5	11563	708
15	HEPT15	11563	708
20	HEPT20	11563	708
25	HEPT25	11563	708
30	HEPT30	12396	759
32.5	HEPT32.5	12396	759
35	HEPT35	12396	759
40	HEPT40	12396	759
45	HEPT45	15729	963
50	HEPT50	15729	963
63	HEPT63	15729	963
75	HEPT75	15729	963
82.5	HEPT82.5	19792	1212

1 Phase, 240 V - High End			
KVA	FRAME	PRICE	EX. DUTY
5	HEPS5	11563	708
6	HEPS6	11563	708
7.5	HEPS7.5	11563	708
10	HEPS10	11563	708
12.5	HEPS12.5	11563	708
15	HEPS15	11563	708
20	HEPS20	11563	708

1 Phase, 240 V - Low End			
KVA	FRAME	PRICE	EX. DUTY
5	LEPS5	9271	568
6	LEPS6	9271	568
7.5	LEPS7.5	9271	568
10	LEPS10	9271	568
12.5	LEPS12.5	9271	568
15	LEPS15	9271	568
20	LEPS20	9271	568

3 Phase, 415 V - Low End			
KVA	FRAME	PRICE	EX. DUTY
5	LEPT5	9271	568
6.5	LEPT6.5	9271	568
7.5	LEPT7.5	9271	568
10	LEPT10	9271	568
12.5	LEPT12.5	9271	568
15	LEPT15	9271	568
20	LEPT20	9271	568
25	LEPT25	9271	568
30	LEP30	10104	619
32.5	LEPT32.5	10104	619
35	LEPT35	10104	619
40	LEPT40	10104	619

High End Model :

Panel With Embossed Logo

Digital Meter with voltage ,current and frequency meter

Two LED lamp at TOP which will glow after supply came from alternator to panel

5A switch from right side of panel

3 Indicator lights

Low End Model :

Panel With Embossed Logo

Analog Meter with Current and voltage indication and Three phase switch

5A switch from right side of panel

3 Indicator lights

Panels up to 40 kva are available in high & Low end models. Above 45 kva only high end available.

ALTERNATORS



Price List No. LTM/009 Rev 1

Cash Extra's for special Features -- ALTERNATORS

1) Additional Prices for Accessories

FRAME	160	200	250	315	355
RTD(2 per phase)	Not Offered	Not Offered	10000/-	20000/-	20000/-
BTD Rs. Each	Not Offered	Not Offered	Not offered	10000/-	10000/-
SpaceHeaters	3000/-	4000/-	4000/-	6000/-	7200/-
Thermisters(2 / Phase)	Not Offered	13500/-	13500/-	13500/-	16500/-
Special Epoxy Paint	5000/-	6000/-	6000/-	13500/-	16000/-
Radio Suppression capacitor	4400/-	4400/-	4400/-	4400/-	4400/-
AVR Suitable for Parallel Operations	1500/-	Standard			
AVR Filter	5000/-				
Short Circuit Maintenance Kit	2400/-	6000/-	6000/-	8000/-	8000/-

RTD , BTD, Space Heaters are without controls.

DC injection facility for parallel operation is supplied as standard in alternators of 180 KVA & above. Parallel operation with QDCT is standard in alternators of 180 KVA & above Parallel operation

1) Inspection Charges

Type Test	6000/-	9600/-	9600/-	12000/-	15000/-
Routine Test	2400/-	4800/-	4800/-	4800/-	6000/-

Notes :

- 1) For Prices of other accessories and spares we have separate Price List.
- 2) All prices are valid delivery ex-our godown.
- 3) All Alternators comply with IS 13364, IS 4722:1992 for specifications of rotating electric machines .
- 4) Taxes and duties extra at actual.
- 5) Inspection charges are for standard Alternators .
- 6) Upto 200kVA Alternators are in Aluminium Stator frames.
- 7) For non-standard, marine duty Alternators , please contact our nearest Branch Office.
- 8)The list prices are maximum recommended prices. However, prices lower than this can be charged.



DC motors

Laminated Yoke

1.2kW to 550 kW
IEC 100 to 315 Frame

Mill Duty

Frame 802 to 816 as per
AISE/IPSS

Solid Yoke Motors

Frame IEC 160 to 225 Frame

CE



- Spark less commutation under overloads
- Longer brush life
- Low noise and less ripple torque
- Excellent steady state and dynamic control response

Applications

- Plastic extruders
- Printing machines
- Sugar industry
- Textile mills,
- Cement Industry : Kiln drive, Apron feeders, Raw mill



DC MOTORS

Price List No. LTM/009 Rev 1

DC Motors

Laminated yoke motors:- Screen protected Drip Proof with enclosure confirming to protection IP 23,Horizontal foot mounted (B3),Base speed 1500 RPM, Blower cooled (IC06) suitable for operations upto 40 Degree C Ambient Temperature &1000 Mtr altitude, Insulation class F with temperature rise limited to class 'F' limits for Frame 100S to 132L, Insulation class H with temperature rise limited to class 'H' for Frame 160A to 315,Armature voltage 440V & Field voltage 220V for frame 100S to 315.

Laminated Yoke DC Motors

kW	FRAME	PRICE	EX. DUTY
2.2	100S	34550	3282
3.7	100M	35650	3387
5.5	100L	40950	3890
7.5	112M	55310	5254
9.3	132S	60800	5776
11	132S	62210	5910
15	132M	75340	7157
18.75	132L	82090	7799
22.5	132L	83070	7892
30	160A	127710	12132
40	160S	141630	13455
50	160M	160110	15210
56	160M	168370	15995
60	160L	183640	17446
75	180S	226780	21544
80	180S	228340	21692
100	180M	260270	24726
115	200S	284640	27041
135	200M	352990	33534
150	200M	356210	33840
180	225S	422040	40094
210	225M	480310	45629
225	225M	482830	45869
235	250S	579630	55065
280	250S	579770	55078
295	250S	582440	55332
325	250M	613660	58298
325	250MX	631560	59998
325	250L	649070	61662
400	280S	750800	71326
450	280M	797600	75772
On enquiry	280MX	760350	72233
On enquiry	280L	835280	79352
On enquiry	280LX	910200	86469
On enquiry	315S	870040	82654
On enquiry	315M	954110	90640
On enquiry	315L	1026270	97496
On enquiry	315LX	1097890	104300

Solid Yoke DC Motors

Degree of protection : IP55

Frame	Price	Ex. Duty
AES160U	115300	10954
AES160A	124850	11861
AES160S	149600	14212
AES160M	181060	17201
AFS180U	133420	12675
AFS180A	147700	14032
AFS180S	171530	16295
AFS180M	202960	19281
AUS180SPL-S	190740	18120
AUS180SPL-M	204380	19416
AUS180SPL-L	209250	19879
AUS180SPL-X	236160	22435
AFS225S	273480	25981
AFS225M	333520	31684
AFS225L	366850	34851
AFS225LX	394020	37432
AFS225X	421190	40013
AFS250S	432970	41132
AFS250M	491170	46661
AFS280A	514580	48885
AFS280S	541250	51419
AFS280M	621280	59022
AFS315SX	732570	69594
AFS315S	790490	75097
AFS315M	830390	78887

Mill Duty DC Motors (Non split Type)

Frame	Price TENV(IP 55)	Ex Duty	Price Forced Cooled(IP 23)	Ex Duty
ABS802	256560	24373	301710	28662
ABS803	318120	30221	366360	34804
ABS804	400220	38021	463340	44017
ABS806	584940	55569	646500	61418
ABS808	687540	65316	775800	73701
ABS810	790170	75066	883560	83938
ABS812	1329930	126343	1465380	139211
ABS814	1576220	149741	1734770	164803
ABS816	1830710	173917	1993380	189371

Mill duty motors are confirming to AISE/IPSS standard

DC MOTORS

Price List No. LTM/009 Rev 1

Cash Extra's for special Features												
1) Additional Prices for Accessories												
FRAME	100	112	132	160	180	200	225	250	280			
Shaft Extension	5% of List Price											
DE Flange	3% of List Price											
RTD	35000/-			65000/-								
BTD	Not Offered			12000/-								
Thermisters	1980/-			3960/-								
Space Heater	1375/-				2750/-							
Blower Filter	4400/-			6000/-	10000/-		14000/-					
1) Inspection Charges												
Routine Test	2200/-			3300/-		5500/-						
Type Test	5500/-			8000/-		11000/-						

RTD , BTD , Space Heaters and Thermisters are without controls .

NOTES:

- 1) List prices are valid for delivery for delivery ex-godown.
- 2) Excise duty, VAT / Sales Tax,Octroi and other statutory taxes,duties and levies would be charged extra as applicable.
- 3) Prices are subject to change without prior notice.
- 4) The list prices are maximum recommended prices,However,prices lower than this can be charged.
- 5) Condition for sales: The price list is subjected to our standard 'General terms and conditions of Tender and Sale'.



Custom made LV Motors



Challenge us with your special needs..

- Built to consultants/ Countries specifications
- Customized electrical performance
- Customized mechanical dimensions
- Built to special applications in marine, steel, power, cement, mines, transportation, etc
- Add on Accessories



- Distinctive paints of different colors, finishes, and compositions)
 - Double compression cable glands
 - Insulated bearing, Roller bearing, Space heaters
 - Thermistor, Resistance temperature detector
 - Bearing temperature detectors
 - External blowers cooling
 - MS/ FRP canopy
- many more...

SPECIAL FEATURES OFFERED FOR THREE PHASE AC MOTORS WITH CASH EXTRAS**1) COMMERCIAL**

Sr. No	Description	Cash Extras
1.1	<p>Motors dispatch under concessional excise duty</p> <p>a. Dispatch under CT3 bond</p> <p>b. Dispatch under any government project notification (Please get a prior confirmation for cash extra and suitability of notification and format of certificate from Division</p> <p>c. Dispatch under CT1 and ARE1 forms</p> <p>In the event of exemption of excise duty under any of the above, approved ARE3 or rewarehousing certificate or proof of export or any documents as required by excise authority is required within 60 days of dispatch, failure to furnish this, the excise duty will be debited to customer/dealer along with the interest and penalty</p>	Nil As applicable - Please get a confirmation from CG sales office Nil

2) ELECTRICAL FEATURES

Sr. No	Description	Cash Extras
2.1	<p>VOLTAGE</p> <p>Base voltage 415V/50Hz and 460V/60Hz</p> <p>Other than above voltage</p> <p>Dual voltage: 220Δ / 380 Y or 380Δ / 660 Y & (1:$\sqrt{3}$ ratio)</p> <p>Dual voltage : with ratio 1:2 eg. 220 / 440</p> <p>Triple voltage : (220/380/440)</p>	Nil 3% 3% 3% 3% 3%
2.2	<p>FREQUENCY</p> <p>Base frequency of 50 hz or 60 hz</p> <p>50/60 Hz motors for export</p>	No No
2.3	<p>VARIABLE VOLTAGE /VARIABLE FREQUENCY OPERATED MOTORS: OR/AND</p> <p>Vaccum Pressure Impregnation Treatment (VPI) (Also Known as Power House Treatment)</p> <p>63 to 132 160 to 250 280 & above</p> <p>A) Variable torque operation - Standard frame sizes suitable for following specifications: Variable torque operation, Type of application: pump/fan/blower Load torque speed curve : parabolic. Speed range =10% to 100% Harmonic contents < 5% & temperature rise limited to class F rise</p> <p>B) Constant torque operation frame size suitable for following specifications Speed range 50% to 100 % , Temperature rise limited to class F rise Typical applications- Printing, Packaging , Paper industry or as per customer requirement Frame size logic Double of kW rating</p>	3% sub to max Rs. 3000/- 5% sub to max Rs. 3500/- Nil

1) All % (percentage)figures are to be loaded on list price.

2) All Rs. figures are to be added on nett price,

3) Inspection charges are subject to excise & taxes

SPECIAL FEATURES OFFERED FOR THREE PHASE AC MOTORS WITH CASH EXTRAS

2.4	9 LEAD / 12 LEADS (Frame ND 90 to ND 250)	3 %
2.5	AMBIENT TEMPERATURE -30 TO + 65°C.	List price as per selected frame.
2.6	NON STANDARD RV/RA FOR SLIPRING MOTORS (Pl take prior confirmation for RV/RA)	5 %
2.7	IE2 Efficiency Motors Frames 71 to 132 160 to 250 280 315 to 355	Refer page 2 to 5 of list price In case not in price list, please refer following price guideline over IE1 prices 15% 13% 10% 5%

3) MECHANICAL FEATURES :

Sr. No	Description	Cash Extras
3.1	MOUNTING All types of mounting other than B3 (Foot) for all types of motors Frames 63 to 160 Frames 180 to 355 • Please refer catalogue baseline or contact CG branch office	Extra loading on Foot mounted ALP 3% 5%
3.2	FORCED COOLING ARRANGEMENT* (ONLY FOR SAFE AREA MOTORS) ND 160 / 180 ND 200 / 225 ND 250 ND 280 ND 315 S/M/L ND 355 ND 400 / 450	Rs. 6000/- Rs. 14500/- Rs. 22000/- Rs. 27000/- Rs. 30000/- Rs. 37000/- Rs. 45000/-
3.3	CI FANS (160 & Above)	No Extra
3.4	SPECIAL FIXING DIMENSIONS OTHER THAN IS 1231/2223 / IEC 60072. To be offered for TEFC SCR / SR motors for frame 160 and above. (shall be offered with fabricated stator body) Please refer to CG branch office for concurrence	15% of ALP Extra 4 weeks delivery over STD delivery time.

- 1) All % (Percentage)figures are to be loaded on list price.
- 2) All Rs figures are to be added on nett price,
- 3) Inspection charges are subject to excise & taxes

SPECIAL FEATURES OFFERED FOR THREE PHASE AC MOTORS WITH CASH EXTRAS

3.5	NEMA BODY MOTORS (Only for dimensions, performance as per IEC) <table border="0"> <tr><td>IEC Frame</td><td>NEMA Frame</td><td>IEC Frame</td><td>NEMA Frame</td></tr> <tr><td>90S</td><td>END 143T</td><td>180M</td><td>END 284T</td></tr> <tr><td>90L</td><td>END 145T</td><td>180L</td><td>END 286T</td></tr> <tr><td>112M</td><td>END 184T</td><td>200L</td><td>END 324T</td></tr> <tr><td>132S</td><td>END 213T</td><td>225S</td><td>END 364T</td></tr> <tr><td>132M</td><td>END 215T</td><td>225M</td><td>END 365T</td></tr> <tr><td>160M</td><td>END 254T</td><td>250M</td><td>END 405T</td></tr> <tr><td>160L</td><td>END 256T</td><td>280S</td><td>END 444T</td></tr> <tr><td></td><td></td><td>280M</td><td>END 447T</td></tr> </table>	IEC Frame	NEMA Frame	IEC Frame	NEMA Frame	90S	END 143T	180M	END 284T	90L	END 145T	180L	END 286T	112M	END 184T	200L	END 324T	132S	END 213T	225S	END 364T	132M	END 215T	225M	END 365T	160M	END 254T	250M	END 405T	160L	END 256T	280S	END 444T			280M	END 447T	Refer Prices						
IEC Frame	NEMA Frame	IEC Frame	NEMA Frame																																									
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132M	END 215T	225M	END 365T																																									
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160L	END 256T	280S	END 444T																																									
		280M	END 447T																																									
3.6	Fabricated stator body but fixing dimensions as per IS for frame 160 & above (ND frames only)	15% of ALP Delivery 4 weeks extra to SDT																																										
3.7	CUSTOM SIZE FABRICATED TERMINAL BOX One size higher terminal box can be supplied for TEFC SCR motors as per table below <table border="1"> <thead> <tr> <th>Frame</th> <th>with STD TB</th> <th>One size higher T Box</th> </tr> </thead> <tbody> <tr><td>ND 160</td><td>2R x 3C x 35 sq mm</td><td>2R x 3C x 95 sq mm</td></tr> <tr><td>ND 180</td><td>2R x 3.5 C x 35 sq mm</td><td>2R x 3C x 95 sq mm</td></tr> <tr><td>ND 200</td><td>2R x 3C x 95 sq mm</td><td>2R x 3C x 150 sq mm</td></tr> <tr><td>ND 225</td><td></td><td></td></tr> <tr><td>ND 250</td><td>2R x 3C x 150 sq mm</td><td>2R x 3C x 240 sq mm</td></tr> <tr><td>ND 280</td><td></td><td></td></tr> <tr><td>ND 315</td><td>2R x 3C x 185 sq mm</td><td>2R x 3C x 240 sq mm</td></tr> <tr><td>ND 355</td><td>2R x 3.5C x 240 sq mm 2R x 3C x 240 sq mm</td><td>2R x 3.5C x 300 sq mm 2R x 3C x 300 sq mm</td></tr> </tbody> </table> <p style="text-align: center;">Possible cable size</p> <table border="1"> <thead> <tr> <th>Frame</th> <th colspan="2">Maximum Possible Cable Size</th> </tr> </thead> <tbody> <tr><td>ND/GD/ NG 80</td><td colspan="2">1x3cx4 sq mm 1x3cx10 sq mm</td></tr> <tr><td>ND/GD/ NG 90- 132</td><td>Plastic TB</td><td>1x3cx10 sq mm</td></tr> <tr><td></td><td>Cast Iron TB</td><td>1x3cx16 sq mm</td></tr> <tr><td></td><td>Alu. TB</td><td>1x3cx4 sq mm 1x3cx10 sq mm</td></tr> </tbody> </table> <p>*Higher TB not possible for frame <160 *for FLP Motors Higher TB cannot be provided.</p>	Frame	with STD TB	One size higher T Box	ND 160	2R x 3C x 35 sq mm	2R x 3C x 95 sq mm	ND 180	2R x 3.5 C x 35 sq mm	2R x 3C x 95 sq mm	ND 200	2R x 3C x 95 sq mm	2R x 3C x 150 sq mm	ND 225			ND 250	2R x 3C x 150 sq mm	2R x 3C x 240 sq mm	ND 280			ND 315	2R x 3C x 185 sq mm	2R x 3C x 240 sq mm	ND 355	2R x 3.5C x 240 sq mm 2R x 3C x 240 sq mm	2R x 3.5C x 300 sq mm 2R x 3C x 300 sq mm	Frame	Maximum Possible Cable Size		ND/GD/ NG 80	1x3cx4 sq mm 1x3cx10 sq mm		ND/GD/ NG 90- 132	Plastic TB	1x3cx10 sq mm		Cast Iron TB	1x3cx16 sq mm		Alu. TB	1x3cx4 sq mm 1x3cx10 sq mm	3% ALP subject to Max 10000/- Rs. extra per motor.
Frame	with STD TB	One size higher T Box																																										
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	Alu. TB	1x3cx4 sq mm 1x3cx10 sq mm																																										
3.8	DOUBLE TERMINAL BOX FOR SLIPRING MOTORS Frames 315 & 355 Std TEFC	Rs. 5000/-																																										
3.9	FLYING LEADS (upto 1 meter & 6 leads), W/O T. Box Frames ND 80 to ND 355	No																																										
3.10	SPECIAL SHAFT EXTENSION Standard double shaft extension (DE/NDE identical) Non standard single /double shaft with diameter and length less than standard Dimensions (This feature is not offered in FLP SR and SPDP SR enclosures.) For D or E more than IS, please refer to division. Taper single shaft extension taper 1: 10 Taper double shaft extension taper 1: 10 For taper other than the above, Special shaft material EN 24 grade Stainless steel shaft (Upto & including 180 Frame)	5% 10% 5% 10% Refer to CG sales office 10% extra price & extra delivery of 4 weeks. 15% extra price & extra delivery of 4 weeks.																																										

1) All % (percentage)figures are to be loaded on list price.

2) All Rs. figures are to be added on nett price,

3) Inspection charges are subject to excise & taxes

SPECIAL FEATURES OFFERED FOR THREE PHASE AC MOTORS WITH CASH EXTRAS

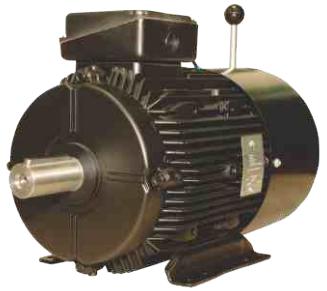
3.11	<p>SPECIAL BEARINGS</p> <p>Online greasable bearings for frame 160-225 (Our standard bearings are greased for life.) (To be agreed for projects only if Sealed bearings are not acceptable) Regreasable bearings are provided as a standard for frame 250 and above & C225M frame.</p> <p>C4 clearance bearings in frame 160-450</p> <ul style="list-style-type: none"> For FLP Motors regreasable bearing can be provided from E225 frame and onwards <p>Angular contact / axial thrust bearings for 80-450 frame. Please refer to division & please furnish axial thrust in kg & direction of axial thrust - toward/away from motor.</p>	<p>Rs. 900/- per motor 4 weeks extra delivery</p> <p>Rs. 3300/- per motor 10 Weeks extra del.</p>																																											
3.12	<p>INSULATED BEARINGS AT NON DRIVING END (NDE)</p> <p>Can be provided for 160-225 frame at 15000/-</p> <table border="1" data-bbox="242 805 552 1096"> <thead> <tr> <th>Bearing Type</th><th>Price in Rs.</th></tr> </thead> <tbody> <tr><td>6314</td><td>26000</td></tr> <tr><td>6315</td><td>26000</td></tr> <tr><td>6316</td><td>26000</td></tr> <tr><td>6318</td><td>26000</td></tr> <tr><td>6319</td><td>26000</td></tr> <tr><td>6322</td><td>33000</td></tr> <tr><td>6326</td><td>75000</td></tr> </tbody> </table> <table border="1" data-bbox="574 805 1212 1142"> <thead> <tr> <th colspan="3">NDE Bearing Selection</th></tr> <tr> <th>Frame</th><th>2 Pole</th><th>4 Pole and up</th></tr> </thead> <tbody> <tr><td>ND250M/MX</td><td>6314</td><td>6314</td></tr> <tr><td>ND280S/M</td><td>6314</td><td>6318</td></tr> <tr><td>ND315 S/M/L/LX</td><td>6315</td><td>6319</td></tr> <tr><td>ND355S/M/L</td><td>6316</td><td>6319</td></tr> <tr><td>ND355LX</td><td>6316</td><td>6319</td></tr> <tr><td>ND400LX</td><td></td><td>6322</td></tr> <tr><td>ND450LX</td><td></td><td>6326</td></tr> </tbody> </table>	Bearing Type	Price in Rs.	6314	26000	6315	26000	6316	26000	6318	26000	6319	26000	6322	33000	6326	75000	NDE Bearing Selection			Frame	2 Pole	4 Pole and up	ND250M/MX	6314	6314	ND280S/M	6314	6318	ND315 S/M/L/LX	6315	6319	ND355S/M/L	6316	6319	ND355LX	6316	6319	ND400LX		6322	ND450LX		6326	
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3.13	<p>ROLLER BEARING ON DE SIDE</p> <p>FRAMES 160 TO 180</p> <p>FRAMES 200 TO 250</p> <p>FRAMES 280 TO 315</p> <p>FRAMES 355</p> <p>FRAMES 400 / 450</p> <ul style="list-style-type: none"> For FLP motors roller bearing shall be provided from E225 and above frames 	<p>Rs. 1540/- Rs. 2860/- Rs. 4000/- Rs. 5000/- Rs. 7500/-</p>																																											
3.14	<p>Degree of protection as per IEC 60034-5</p> <p>IP 66 , IP65 for TEFC SCR motors in frame 160-315</p>	<p>5% of ALP.</p>																																											
3.15	<p>FAULT LEVEL : 50 kA for 0.25 sec. with certificate</p> <p>Please refer to division for higher fault level (160 and above frame)</p>	<p>Rs. 35000/-</p>																																											
3.16	<p>Tacho mounting arrangement for frame 160 - 355 TEFC SCR motors.</p> <p>For other frames refer to division</p> <p>FRAME 160 TO 280</p> <p>FRAME 315 TO 450</p>	<p>Rs. 3000/- per motor Rs 3500/- per motor</p>																																											

1) All % (percentage)figures are to be loaded on list price.

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SPECIAL FEATURES OFFERED FOR THREE PHASE AC MOTORS WITH CASH EXTRAS

3.17	<p>Kibosh The Most Reliable Brake Motor</p> <table border="1" data-bbox="279 392 1097 683"> <thead> <tr> <th>Frame</th><th>Brake Size</th><th>Brake Torque NM</th></tr> </thead> <tbody> <tr><td>80</td><td>8</td><td>8</td></tr> <tr><td>90</td><td>10</td><td>16</td></tr> <tr><td>100</td><td>12</td><td>32</td></tr> <tr><td>112</td><td>14</td><td>60</td></tr> <tr><td>132</td><td>16</td><td>100</td></tr> <tr><td>160M</td><td>18</td><td>150</td></tr> <tr><td>160L</td><td>20</td><td>260</td></tr> <tr><td>180</td><td>25</td><td>400</td></tr> <tr><td>200</td><td>25</td><td>400</td></tr> </tbody> </table> <p>Please refer ALP of Kibosh Series motors given separately.</p>	Frame	Brake Size	Brake Torque NM	80	8	8	90	10	16	100	12	32	112	14	60	132	16	100	160M	18	150	160L	20	260	180	25	400	200	25	400	
Frame	Brake Size	Brake Torque NM																														
80	8	8																														
90	10	16																														
100	12	32																														
112	14	60																														
132	16	100																														
160M	18	150																														
160L	20	260																														
180	25	400																														
200	25	400																														
3.18	<p>Terminal box position : (for foot or foot cum flange mounted motors)</p> <table> <tr><td>Enclosure</td><td>TB position options from DE</td></tr> <tr><td>TEFC SCR/SR</td><td>RHS,LHS, TOP</td></tr> <tr><td>FLAMEPROOF SCR -E160-E315M</td><td>RHS/LHS</td></tr> <tr><td>FLAMEPROOF SCR- E315L</td><td>TOP</td></tr> <tr><td>FLAMEPROOF SR -EW250-315M</td><td>STATOR - RHS</td></tr> <tr><td>FLAMEPROOF SR -EW315L</td><td>ROTOR - LHS</td></tr> <tr><td>SPDP SCR/SR</td><td>STATOR - TOP</td></tr> <tr><td>(For ND250MX, ND355LX TB TOP option not applicable)</td><td>ROTOR - RHS</td></tr> <tr><td></td><td>RHS / LHS</td></tr> </table>	Enclosure	TB position options from DE	TEFC SCR/SR	RHS,LHS, TOP	FLAMEPROOF SCR -E160-E315M	RHS/LHS	FLAMEPROOF SCR- E315L	TOP	FLAMEPROOF SR -EW250-315M	STATOR - RHS	FLAMEPROOF SR -EW315L	ROTOR - LHS	SPDP SCR/SR	STATOR - TOP	(For ND250MX, ND355LX TB TOP option not applicable)	ROTOR - RHS		RHS / LHS	No												
Enclosure	TB position options from DE																															
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(For ND250MX, ND355LX TB TOP option not applicable)	ROTOR - RHS																															
	RHS / LHS																															
3.19	<p>ANTICORROSIVE TREATMENT/PAINT</p> <p>For TEFC/SPDP SCR/SR motors Paint shades: 631 as per IS - 5 For Aluminum Series Motors CGL standard paint shade : RAL 5021 Flameproof, type 'e' & type 'n' motors are provided with epoxy paint of shade 631 as per IS - 5 as a standard feature. our standard painting procedure: Zinc phosphate primer one coat + synthetic + B enamel paint Thickness 70 Microns ACP 631/632 For additional thickness upto 130 microns Paint shade other than above mentioned shade and RAL shades C4-M/C5-M painting For any other painting shade, material or procedure, please refer to CG branch office</p>	No 3% 5% 5% of ALP subject to max Rs. 7000/- 7.5% of ALP																														
3.20	<p>NOISE LEVEL</p> <p>As per IS 12065. < = 85 dB(A) @ 1 m at no load for 4 pole motors and above < = 90 dB(A) @ 1 m at no load for all 2 pole motors. For lower noise level please refer to division.</p>	No No																														
3.21	<p>VIBRATION LEVEL</p> <p>Vibration level (mm/sec.) shall be as per normal class as per IEC60034-14</p> <p>Limits of maximum vibration magnitude in velocity (mm/sec) for vibration grade is as mentioned in table</p> <table border="1"> <thead> <tr> <th rowspan="2">Vibration grade</th> <th rowspan="2">Shaft Height H, mm</th> <th>56≤H≤132</th> <th>132≤H≤280</th> <th>H>280</th> </tr> <tr> <th>63</th> <th>71</th> <th>85</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>1.6</td> <td>2.2</td> <td>2.8</td> </tr> <tr> <td>B</td> <td>0.7</td> <td>1.1</td> <td>1.8</td> </tr> </tbody> </table> <p>For any other value Please refer to division.</p>	Vibration grade	Shaft Height H, mm	56≤H≤132	132≤H≤280	H>280	63	71	85	A	1.6	2.2	2.8	B	0.7	1.1	1.8	10% - A 20% - B														
Vibration grade	Shaft Height H, mm			56≤H≤132	132≤H≤280	H>280																										
		63	71	85																												
A	1.6	2.2	2.8																													
B	0.7	1.1	1.8																													
3.22	<p>JACKING OUT HOLES ON MOTOR FEET</p> <p>Jacking out holes & dowel pins on motor feet are provided for frame 225 & above.</p>	No extra																														
3.23	<p>STAINLESS STEEL HARDWARE -</p> <p>Upto Frame 225 Frame 250 and Above * Not available for aluminum motors (GD frame)</p>	Rs. 1200/- Rs. 2000/-																														

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SPECIAL FEATURES OFFERED FOR THREE PHASE AC MOTORS WITH CASH EXTRAS

3.24	TOTALLY ENCLOSED MOTOR WITHOUT FAN: Deration factor = 0.5	ALP as per selected frame.
3.25	AIR STREAM RATED MOTOR: Totally enclosed motor cooled because of fan Directly mounted on motor shaft. Output as per TEFC motors	ALP as per TEFC frame.
3.26	Canopy (For motors with terminal box on RHS / LHS ONLY for SAFE AREA & FLP) Frames 80 to 132 Frames 160 to 200 Frames 225 to 250 Frames 280 to 315 Frames 355 FRP Canopy (with terminal box on RHS / LHS ONLY)	Rs. 1220/- Rs. 1540/- Rs. 2750/- Rs. 5000/- Rs. 6600/- 5% sub to max of Rs. 7700/-
3.7	ENCLOSURE Increased Safety type 'e' motors as per IS 6381 with anticorrosive paint Non sparking type 'N' motors as per IEC 60079-15 with anti corrosive paint. (From 90 to 355 CI frames only) (Price basis- For selected frame size, highest kW ALP to be taken as base)	15% 7.5%

4 HAZARDOUS AREA MOTORS THAT CAN BE OFFERED :**4.1 FOR TYPE 'E' & TYPE 'N' MOTORS**

ZONE	GAS GROUP	TEMPERATURE CLASS	FRAME	Certification Options
2	IIA, IIB, IIC	T1,T2,T3	ND 90 TO ND 355L	PESO
22	IIA, IIB, IIC	T1,T2,T3	ND 90 TO ND 355L	KARANDIKAR TEST

4.2 FOR FLAMEPROOF MOTORS-INDIAN APPROVALS

ZONE	GAS GROUP	TEMPERATURE CLASS	FRAME	Certification Options
1	IIA, IIB I,IIA, IIB	T1,T2,T3,T4	E80 E90-E132	PESO PESO, DGMS
1	I,IIA,IIB	T1,T2,T3,T4	E160L TO E315L	PESO, DGMS
1	IIC	T1,T2,T3,T4	Price as per ALP of flameproof motors (No discount applicable) Frames Covered E80 To E315M# & E355LX Terminal box will be on TOP only # E315M TEMP CLASS UPTO T3 ONLY	

4.3 FOR FLAMEPROOF MOTORS- WITH BASEEFA/ATEX/IECEx APPROVALS

1	IIA IIB	T1,T2,T3	10 % EXTRA OVER STANDARD FLAMEPROOF MOTORS FRAMES COVERED ARE E 80 TO E315 L
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SPECIAL FEATURES OFFERED FOR THREE PHASE AC MOTORS WITH CASH EXTRAS**5) SPECIAL MOTORS**

SN	DESCRIPTION OF EXTRA FEATURE	CASH EXTRAS
5.1	INSULATION CLASS Class 'H' insulation For frame 63-355	10%
5.2	MULTI SPEED MOTORS (Only for Safe Area) single tapped winding type with 2/4, 4/8, 4/6, 6/8 pole motors Dual speed motors with separate winding or polarity above 8 pole Dual speed motor with more than 2 speeds	10% additional price for higher polarity 17.5 % of higher price for among polarity 25% on ALP of highest polarity
5.3	Motors with 10,12,16 pole Please refer to division	10% of Highest ALP for 8 pole motor in the Selected frame
5.4	CRANE DUTY MOTORS : Intermittent Duty (other than S1)	For Rating/Frames not covered in price lists please load 7.5% extra over identified Frame/Rating ALP
5.5	EPOXY GEL COAT	2 %
5.6	CLEAN FLOW CONSTRUCTION for TEFC SCR textile motors Frames 90S to 132M	Refer AC Textile Motors page given separately

6) ACCESSORIES

6.1	SPACE HEATERS - Space heaters are terminated in auxiliary terminal box on top of main terminal box (Except for all FLP motors & TEFC motors in 160-180 for which heater terminals are terminated in main terminal box.) (Space heaters are provided as a standard feature for standard DDI TEFC SCR motors in frame 280 and above.) For frames 160 to 180 TEFC & FLP For frames 200 to 250 TEFC & FLP For frames 280 to 450 (TEFC) For frames 280 to 355 (FLP)- Space heater termination in the main terminal box Charges for separate auxiliary box No Space heaters will be provided for frames below 132 Space heater for ND132 frame (TEFC)	Rs. 1375/- Rs. 2750/- Nil Nil Rs. 2300/- Rs. 1000/-
6.2	THERMISTORS (Without relays) 80 frames above varieties: PTC -110, PTC-130, PTC- 150 -3 nos per motor without relay 80 - 450 -6nos (PTC 130 - 3 nos & PTC 150 -3 nos) per motor without relay 160 - 450	Rs. 1980/- Rs. 3960/-
6.3	RTD's 250 frames and above (Not applicable for FLP Motors) 6 Nos (2 Nos per phase)	Rs. 6500/-
6.4	BEARING TEMPERATURE DETECTOR (2 Nos.) ROD Type without wiring Frames 280 & above	Rs. 6500/-
6.5	Cable sealing box for group I for frame 160-200 flameproof motors. For 225-315 frame flameproof motors 1 No. S.Box is provided as standard. For second sealing box : For frame 90-132 (not available in frame 80.)	Rs. 1760/- Rs. 1980/- Rs.1540/-

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SPECIAL FEATURES OFFERED FOR THREE PHASE AC MOTORS WITH CASH EXTRAS

6.6	FLP Plug and socket arrangement: (SAFEX Make) -30 Amps,600 volts -110 Amps,600 volts -150 Amps,600 volts	Rs. 18000 Rs. 21000 Rs. 26000
6.7	DOUBLE COMPRESSION GLANDS (Per Run of Cable) Upto frame 160 180 to 225 250 to 355 Space heater gland and thermisters glands # Compression glands suitable for gas group IIA, IIB and IIC	Rs. 1200/- Rs. 2200/- Rs. 2900/- Rs. 900/-
6.8	FINISHING AND PACKING Motor to be delivered in unpacked condition Motor to be delivered with only red oxide primer coat Seaworthy/export packing case for home market (Without fumigation certificate)	No reduction No reduction 5% subject to max of 5500/-
6.9	Additional nameplate	Rs. 300/-
6.10	Direction arrow plate	Rs 600/-

7) TESTING CHARGES**INSPECTION/TEST WITNESSING BY CUSTOMER/ CONSULTANT**

Inspection arrangements and third party inspection charges are in customers scope. In addition following would be inspection charges for witnessing tests:

7.1	Inspection as per CGL STD QAP Inspection as per Customer format of QAP Routine testing per motor: Frames 63-160 Frames 180 to 250 Frames 280 to 450	Nil 5% Rs. 1500/- Rs. 2500/- Rs. 3500/-
7.2	Type testing per motor Frame 63-160 Frames 180 to 250 Frames 280 to 315 Frame 355 Frame 400 / 450 (part load testing shall be done depending on test plant capacity)	Rs. 5000/- Rs. 7500/- Rs. 11500/- Rs. 14000/- Rs. 25000/-
7.3	FLP Pressure test per motor Frame 80-160 Frames 180 to 315	Rs. 3000 Rs. 8000/-
7.4	IInd numeral IP55 test per motor (Prior confirmation from Division required)	Rs 5000/-
7.5	Testing with inverter drive (With ERTL/KARANDIKAR witness) Customer to arrange power analyzer along with drive. (Without ERTL/KARANDIKAR witness)	Rs. 1,75,000/- per motor Rs. 55,000/- per motor
7.6	DOCUMENTATION CHARGES (technical/commercial) documents for approval/submission Reproducible tracing copies for final submission. Marine motor documentation : please refer such enquiries to division.	Rs. 1500/- per rating Rs. 6000/- per rating Rs. 14,000/- per rating

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(Price List No. LTM/009 Rev 1 15.06.2016)

TERMS OF SALE

- 1) This price list supercedes our price list LTM/009, LTM/008 and revision issue to LTM/008 rev 1 dt 01.03.2014
- 2) For any extra feature not approved please contact nearest CG sales office and refer spare price list for other accessories and spares.
- 3) Taxes & Duties : The List Prices are exclusive of Excise Duties, Sales Tax and any other Central, State or Local Taxes, Octroi and other levies. These will be charged extra at the rates on the date of supply.
- 4) Excise Duty shown in Price List is inclusive of Educational Cess
- 5) Delivery : List Prices are valid for delivery ex-our godown
- 6) Conditions for Sales : The Price List is subjected to our standard "General Terms and Conditions of Tender and Sale" and prices are subject to revision without prior notice.
- 7) Prices are in INR (₹)
- 8) General :
 - a) Due to improvement being made from time, frame sizes indicated above are provisional and subject to change without prior notice.
 - b) The list prices are maximum recommended prices. However prices lower than this can be charged.
 - c) The list prices are subjected to change without prior notice.
 - d) Motor outputs are given in kW & HP. However KW is binding & HP is approximate
 - e) For more details please contact us CG sales office.



Our All India Service Centre Toll free No : 1800-419-0505

Regional sales Offices :

North : 6th floor, Vatika City point, MG Road, Gurgaon, Haryana - 122 002 | Phone : 0124-4392045**East** : 50, Chowinghee Road, Kolkata - 700 071 | Phone : 033-22829681 / 85**West** : Kanjur Marg (E), Mumbai - 400 042 | Phone : 022-6755 8632, 33, 36 & 6755 8000**South** : 3-A, MGR Salai (K.H. Road), Nungambakkam, Chennai - 600 034 | Phone : 044-4224 7525**North**

Lucknow : 0522 - 3018850 / 59
 Jalandhar : 0181 - 2223801, 2459487
 Jaipur : 0141 - 2376919, 2376307

West

Ahmedabad : 079 - 4001200, 40012201
 Indore : 0731 - 2498269, 2498276
 Nagpur : 0712 - 2531271, 2560870 / 71
 Pune : 020 - 25534675 / 77
 Raipur : 0771 - 4022215

East

Bhubaneswar : 0674 - 2531128, 2531429
 Patna : 0612 - 2239405
 Guwahati : 0361 - 2543830, 255018

South

Bangalore : 080 - 466 42800 / 828
 Secunderabad : 040 - 40002300, 40002347
 Cochin : 0484 - 2370860 / 63, 2360240

