



Smart solutions.
Strong relationships.

PRICE LIST

LTM 019A W.E.F 02.04.2022

*Energy Efficient & Smart Solutions
for all the industrial sectors.*

LV MOTORS | ALTERNATORS | DC MOTORS





PRICE LIST LTM 019A w.e.f 02.04.2022

INDEX

1. Special Features And Accessories Offered For AC Motors
2. Super Premium Efficiency Motors - IE4
3. Premium Efficiency Motors - IE3
4. Premium Efficiency Motors - IE3 Aluminum
5. High Efficiency Motors - IE2
6. High Efficiency Motors -IE2 Aluminum
7. Smart Motors - High Output IE2 & IE3
8. Smart Motors - High Output IE3 VFD Operated
9. Premium Efficiency Flameproof Motors - IE3 FLP
10. High Efficiency Flameproof Motors - IE2 FLP
11. NEMA Premium Motors
12. TEFC Slip Ring Motors
13. SPDP Slip Ring Motors
14. Crane Duty Motors - Squirrel Cage
15. Crane Duty Motors - Slip Ring
16. Textile Application Motors
17. Crusher Duty Motors
18. Brake Motors - KIBOSH Cast Iron Series
19. Brake Motors - KIBOSH Aluminum Series
20. Fire Fighting Motors Series
21. UL Listed High Efficiency Motors - IE2
22. Motors for Compressor Application
23. Smoke Extraction Motors
24. Alternators
25. DC Motors
26. Terms And Conditions & Service Plus Performance





SPECIAL FEATURES OFFERED FOR THREE PHASE AC MOTORS WITH CASH EXTRAS

2) MECHANICAL FEATURES

Sr. No	Description	Cash Extras in % of ALP or absolute value in INR whichever is Lower
2.1	MOUNTING All types of mounting other than B3 (Foot) for all types of motors Extra loading on Foot mounted ALP Frames 63 to 160 180 to 450 for 400 only B3,B35 & V1 is possible to offer For 450/500 only B3 & B35 is possible to offer Please refer catalogue baseline or contact CG branch office	3% 5% 5% 5%
2.2	FORCED COOLING ARRANGEMENT * (ONLY SAFE AREA MOTORS) NOT APPLICABLE FOR 2 POLE MOTORS ND 160 / 180 ND 200 / 225 ND 250 ND 280 ND 315 S/M/L ND 355 / NG355 ND 400 / NG400 / ND450 / ND500	₹ 7700/- ₹ 18150/- ₹ 26400/- ₹ 31900/- ₹ 35200/- ₹ 42900/- ₹ 57200/-
2.3	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	20 % Extra 4 weeks delivery over SDT
2.4	Fabricated stator body but fixing dimensions as per IS for frame 160 & above (ND frames only)	20% (Delivery 4 weeks extra to SDT)
2.5	DOUBLE TERMINAL BOX FOR SLIPRING MOTORS Frames 315, 355 , 400 & 450 STD TEFC	₹ 8800/-
2.6	FLYING LEADS (1 meter & 6 leads), W/O T. Box Frames ND 80 to ND 355 For extra TB(Loose)	5% 3%

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

2) All ₹ Figures to be added on net price

3) Inspection charges are subject to GST

4) For any Non-standard features / Accessories not explicitly covered in this price list, please contact to nearest branch office.



SPECIAL FEATURES OFFERED FOR THREE PHASE AC MOTORS WITH CASH EXTRAS

2) MECHANICAL FEATURES

Sr No	Description	Cash Extras in % of ALP or absolute value in INR whichever is Lower																															
2.7	<p>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 in FLP SR and SPDP SR enclosures)</p> <p>For D or E more than IS, please refer to division</p> <p>Taper single shaft extension taper 1:10 Taper double shaft extension taper 1:10 For taper other than above, Special shaft material EN 24 grade</p> <p>Stainless steel shaft (Upto & including 180 frames)</p>	<p>5% 10%</p> <p>5% 10% Refer to CG Sales office 10% extra price & extra delivery of 4 weeks.</p> <p>15% extra price & extra delivery of 4 weeks.</p>																															
2.8	Degree of protection as per IEC 60034-5 IP 66, IP65, IP56 for TEFC SCR motors in frame 63-500	5%																															
2.9	<p>CUSTOM SIZE FABRICATED TERMINAL BOX One size higher terminal box can be supplied for TEFC SCR motors as per table below</p> <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>ND160</td> <td>2R x 3C x 35 sq mm</td> <td>2R x 3C x 95 sq mm</td> </tr> <tr> <td>ND180</td> <td>2R x 3.5C x 35 sq mm</td> <td>2R x 3C x 95 sq mm</td> </tr> <tr> <td>ND200</td> <td>2R x 3C x 95 sq mm</td> <td>2R x 3C x 150 sq mm</td> </tr> <tr> <td>ND225</td> <td rowspan="3">2R x 3C x 150 sq mm</td> <td rowspan="3">2R x 3C x 240sq mm</td> </tr> <tr> <td>ND250</td> </tr> <tr> <td>ND280</td> </tr> <tr> <td>ND315</td> <td>2R x 3C x 240 sq mm</td> <td>2R x 3C x 300 sq mm</td> </tr> <tr> <td>ND355</td> <td>2R x 3.5C x 240 sq mm</td> <td>2R x 3.5C x 300 sq mm</td> </tr> <tr> <td>ND355LX</td> <td>2R x 3C x 240 sq mm</td> <td>2R x 3C x 300 sq mm</td> </tr> <tr> <td>ND400LX</td> <td>2R x 3C x 400 sq mm</td> <td rowspan="2">Not Applicable</td> </tr> <tr> <td>NG400LX</td> <td>4R x 3C x 400 sq mm</td> </tr> </tbody> </table> <p>Refer DPA portal for 2 size & 3 size higher cable size</p>	Frame	with STD TB	One size higher T Box	ND160	2R x 3C x 35 sq mm	2R x 3C x 95 sq mm	ND180	2R x 3.5C x 35 sq mm	2R x 3C x 95 sq mm	ND200	2R x 3C x 95 sq mm	2R x 3C x 150 sq mm	ND225	2R x 3C x 150 sq mm	2R x 3C x 240sq mm	ND250	ND280	ND315	2R x 3C x 240 sq mm	2R x 3C x 300 sq mm	ND355	2R x 3.5C x 240 sq mm	2R x 3.5C x 300 sq mm	ND355LX	2R x 3C x 240 sq mm	2R x 3C x 300 sq mm	ND400LX	2R x 3C x 400 sq mm	Not Applicable	NG400LX	4R x 3C x 400 sq mm	<p>One size higher to be loaded 3%</p> <p>for two size higher - 5% For three size higher - 8%</p>
Frame	with STD TB	One size higher T Box																															
ND160	2R x 3C x 35 sq mm	2R x 3C x 95 sq mm																															
ND180	2R x 3.5C x 35 sq mm	2R x 3C x 95 sq mm																															
ND200	2R x 3C x 95 sq mm	2R x 3C x 150 sq mm																															
ND225	2R x 3C x 150 sq mm	2R x 3C x 240sq mm																															
ND250																																	
ND280																																	
ND315	2R x 3C x 240 sq mm	2R x 3C x 300 sq mm																															
ND355	2R x 3.5C x 240 sq mm	2R x 3.5C x 300 sq mm																															
ND355LX	2R x 3C x 240 sq mm	2R x 3C x 300 sq mm																															
ND400LX	2R x 3C x 400 sq mm	Not Applicable																															
NG400LX	4R x 3C x 400 sq mm																																
2.10	<p>FAULT LEVEL : 50 kA for 0.25 sec. with certificate Please refer to division for higher fault level (160 & above frame)</p>	₹ 55000/-																															

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

2) All ₹ Figures to be added on net price

3) Inspection charges are subject to GST

4) For any Non-standard features / Accessories not explicitly covered in this price list, please contact to nearest branch office.



SPECIAL FEATURES OFFERED FOR THREE PHASE AC MOTORS WITH CASH EXTRAS

2) MECHANICAL FEATURES

Sr No	Description	Cash Extras in % of ALP or absolute value in INR whichever is Lower																																													
2.11	<p>SPECIAL BEARINGS Online greasing arrangement for frame 160-225 (Our standard bearings are greased for life.) (To be agreed for projects only if Sealed bearings are not acceptable) <i>Re-gresable bearings are provided as a standard for Frame 250 and above.</i></p> <p>C4 clearance bearing in frame 160-225 (2 Pole Only)</p> <p>*For FLP Motors re-greasable bearing can be provided from E160 & onwards. Angular contact for 160-450 frames. Please refer to division. Bearing Suitable for 40° C</p>	<p>₹ 1320/- per motor and 4 weeks extra delivery</p> <p>₹ 3850/- per motor and 10 weeks extra delivery</p> <p>₹ 3500/- per motor and 4 weeks extra delivery</p>																																													
2.13	<p>INSULATED BEARINGS AT NON DRIVING END (NDE) Can be provided for 160-225 frame at 20000/- NDE BEARING Selection</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Price in Rs.</th> <th>Frame</th> <th>2 pole</th> <th>4Pole & up</th> </tr> </thead> <tbody> <tr> <td>6314</td> <td>33000</td> <td>ND250M/MX</td> <td>6314</td> <td>6314</td> </tr> <tr> <td>6315</td> <td>33000</td> <td>ND280S/M</td> <td>6314</td> <td>6318</td> </tr> <tr> <td>6316</td> <td>33000</td> <td>ND315S/M/L/LX</td> <td>6315</td> <td>6319</td> </tr> <tr> <td>6318</td> <td>33000</td> <td>ND355S/M/L</td> <td>6316</td> <td>6319</td> </tr> <tr> <td>6319</td> <td>33220</td> <td>ND355LX</td> <td>6316</td> <td>6322</td> </tr> <tr> <td>6322</td> <td>42350</td> <td>E355/ND400LX/NG355</td> <td>6318</td> <td>6322</td> </tr> <tr> <td>6324</td> <td>60500</td> <td>ND450LX</td> <td>NA</td> <td>6326</td> </tr> <tr> <td>6326</td> <td>95150</td> <td>E400</td> <td>6318</td> <td>6324</td> </tr> </tbody> </table>	Type	Price in Rs.	Frame	2 pole	4Pole & up	6314	33000	ND250M/MX	6314	6314	6315	33000	ND280S/M	6314	6318	6316	33000	ND315S/M/L/LX	6315	6319	6318	33000	ND355S/M/L	6316	6319	6319	33220	ND355LX	6316	6322	6322	42350	E355/ND400LX/NG355	6318	6322	6324	60500	ND450LX	NA	6326	6326	95150	E400	6318	6324	
Type	Price in Rs.	Frame	2 pole	4Pole & up																																											
6314	33000	ND250M/MX	6314	6314																																											
6315	33000	ND280S/M	6314	6318																																											
6316	33000	ND315S/M/L/LX	6315	6319																																											
6318	33000	ND355S/M/L	6316	6319																																											
6319	33220	ND355LX	6316	6322																																											
6322	42350	E355/ND400LX/NG355	6318	6322																																											
6324	60500	ND450LX	NA	6326																																											
6326	95150	E400	6318	6324																																											
2.14	<p>ROLLER BEARING ON DE SIDE only for V Belt application (Not applicable up to 132 frame) Frames 160 TO 180 Frames 200 TO 250 Frames 280 TO 315 Frames 355 Frames 400 TO 500 * For FLP motors roller bearings shall be provided from E160 and above frames.</p>	<p>₹ 3520/- ₹ 5170/- ₹ 5500/- ₹ 6600/- ₹ 9900/-</p>																																													
2.15	<p>NOISE LEVEL (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>	<p>No extra 3% 3%</p>																																													

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

2) All ₹ Figures to be added on net price

3) Inspection charges are subject to GST

4) For any Non-standard features / Accessories not explicitly covered in this price list, please contact to nearest branch office.



SPECIAL FEATURES OFFERED FOR THREE PHASE AC MOTORS WITH CASH EXTRAS

2) MECHANICAL FEATURES

Sr. No	Description	Cash Extras in % of ALP or absolute value in INR whichever is Lower																																																																																																												
2.16	Tacho (encoder) mounting arrangement for frame 160- above TEFC SCR Motors For other frames refer to division	5% OR ₹ 8250/- whichever is lower																																																																																																												
2.17	<p>BRAKE MOTORS Brake Mounting Arrangement if brakes in CG scope (Only brake mounting arrangement will not be provided) In addition Refer the following Brake kit prices to be added in respective type of Motor Net Price</p> <table border="1"> <thead> <tr> <th colspan="6">Flameproof Motors</th> </tr> <tr> <th rowspan="2">Frame</th> <th colspan="3">Gas Group IIA/IIB</th> <th colspan="2">Gas Group IIC</th> </tr> <tr> <th>Brake size</th> <th>Brake Torque NM</th> <th>Brake & kit prices</th> <th>Brake Torque NM</th> <th>Brake kit Net price</th> </tr> </thead> <tbody> <tr> <td>90</td> <td>10</td> <td>16</td> <td>17600</td> <td>16</td> <td>22000</td> </tr> <tr> <td>100</td> <td>12</td> <td>32</td> <td>23100</td> <td>32</td> <td>26125</td> </tr> <tr> <td>112</td> <td>14</td> <td>60</td> <td>25300</td> <td>60</td> <td>28875</td> </tr> <tr> <td>132</td> <td>16</td> <td>100</td> <td>33000</td> <td>100</td> <td>36575</td> </tr> <tr> <td>160</td> <td>16</td> <td>100</td> <td>34100</td> <td>100</td> <td>40700</td> </tr> <tr> <td>180</td> <td>18</td> <td>150</td> <td>44000</td> <td>150</td> <td>46200</td> </tr> </tbody> </table> <p>Brakes in E200 & above frames cannot be offered.</p> <p>Crane Duty Brake Motor Please add Brake kit Price to S4 duty IE2 Prices after discount.</p> <table border="1"> <thead> <tr> <th>Sr No</th> <th>Frame</th> <th>Brake Size</th> <th>Brake Torque (Nm)</th> <th>Brake Kit ALP</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>80</td> <td>8</td> <td>8</td> <td>5280</td> </tr> <tr> <td>2</td> <td>90</td> <td>10</td> <td>16</td> <td>7260</td> </tr> <tr> <td>3</td> <td>100</td> <td>12</td> <td>32</td> <td>9432</td> </tr> <tr> <td>4</td> <td>112</td> <td>14</td> <td>60</td> <td>10780</td> </tr> <tr> <td>5</td> <td>132</td> <td>16</td> <td>100</td> <td>14822</td> </tr> <tr> <td>6</td> <td>160M</td> <td>18</td> <td>150</td> <td>21422</td> </tr> <tr> <td>7</td> <td>160L</td> <td>20</td> <td>260</td> <td>27720</td> </tr> <tr> <td>8</td> <td>180</td> <td>25</td> <td>400</td> <td>38665</td> </tr> <tr> <td>9</td> <td>200</td> <td>25</td> <td>400</td> <td>48642</td> </tr> <tr> <td>10</td> <td>225</td> <td>31</td> <td>600</td> <td>90545</td> </tr> </tbody> </table>	Flameproof Motors						Frame	Gas Group IIA/IIB			Gas Group IIC		Brake size	Brake Torque NM	Brake & kit prices	Brake Torque NM	Brake kit Net price	90	10	16	17600	16	22000	100	12	32	23100	32	26125	112	14	60	25300	60	28875	132	16	100	33000	100	36575	160	16	100	34100	100	40700	180	18	150	44000	150	46200	Sr No	Frame	Brake Size	Brake Torque (Nm)	Brake Kit ALP	1	80	8	8	5280	2	90	10	16	7260	3	100	12	32	9432	4	112	14	60	10780	5	132	16	100	14822	6	160M	18	150	21422	7	160L	20	260	27720	8	180	25	400	38665	9	200	25	400	48642	10	225	31	600	90545	10%
Flameproof Motors																																																																																																														
Frame	Gas Group IIA/IIB			Gas Group IIC																																																																																																										
	Brake size	Brake Torque NM	Brake & kit prices	Brake Torque NM	Brake kit Net price																																																																																																									
90	10	16	17600	16	22000																																																																																																									
100	12	32	23100	32	26125																																																																																																									
112	14	60	25300	60	28875																																																																																																									
132	16	100	33000	100	36575																																																																																																									
160	16	100	34100	100	40700																																																																																																									
180	18	150	44000	150	46200																																																																																																									
Sr No	Frame	Brake Size	Brake Torque (Nm)	Brake Kit ALP																																																																																																										
1	80	8	8	5280																																																																																																										
2	90	10	16	7260																																																																																																										
3	100	12	32	9432																																																																																																										
4	112	14	60	10780																																																																																																										
5	132	16	100	14822																																																																																																										
6	160M	18	150	21422																																																																																																										
7	160L	20	260	27720																																																																																																										
8	180	25	400	38665																																																																																																										
9	200	25	400	48642																																																																																																										
10	225	31	600	90545																																																																																																										

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

2) All ₹ Figures to be added on net price

3) Inspection charges are subject to GST

4) For any Non-standard features / Accessories not explicitly covered in this price list, please contact to nearest branch office.



SPECIAL FEATURES OFFERED FOR THREE PHASE AC MOTORS WITH CASH EXTRAS

2) MECHANICAL FEATURES

Sr. No	Description	Cash Extras in % of ALP or absolute value in INR whichever is Lower																
2.18	<p>ANTI CORROSIVE TREATMENT/PAINT For TEFC SR, SPDP-SCR/SR: Paint Shade - 631 as per IS:5 For Apex Series - IE2 motors : Paint Shade - RAL 7034 For Apex Series - IE3 motors : Paint Shade - RAL 5021 Anti-Corrosive Paint (With Above mentioned paint shade) Paint Shade other than above mentioned shades For Additional thickness up to 130 microns C3-M/C4-M/C5-M painting for standard paint shade (Applicable for min order value of 30 Lakh. Not Applicable for IIC) C3-M/C4-M/C5-M painting for non standard paint shade (Applicable for min order value of 50 Lakh. Not Applicable for IIC) For any other painting shade, material or procedure, please refer to nearest Branch Office Confirmation for minimum order quantity to be taken from division Fan cover will be black powder coated for NG (up to 132 Frame) /GD series motors</p>	<p>No Extra Charges</p> <p>3% 5% subject to max 16,500/- 5% 12.5% 20%</p>																
2.19	<p>JACKING OUT HOLES ON MOTOR FEET Jacking out holes on motor feet are provided as a default for 315 & Above Jacking out holes on motor feet for 225, 250 & 280 Frames Soft Foot (Upto 200 Microns) Consult div for lower than 200 Microns</p>	<p>No Extra 2% 5%</p>																
2.20	<p>VIBRATION LEVEL Vibration level (mm/sec.) shall be as per normal class as per IEC690034-14 Limits of max vibration magnitude in velocity (mm/sec) for vibration grade is as mentioned in table.</p> <table border="1"> <thead> <tr> <th>Shaft Height H mm</th> <th>56≤H≤132</th> <th>132≤H≤280</th> <th>H>280</th> </tr> </thead> <tbody> <tr> <td>Vibration Grade</td> <td></td> <td></td> <td></td> </tr> <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>	Shaft Height H mm	56≤H≤132	132≤H≤280	H>280	Vibration Grade				A	1.6	2.2	2.8	B	0.7	1.1	1.8	<p>No Charges – A 20% – B</p>
Shaft Height H mm	56≤H≤132	132≤H≤280	H>280															
Vibration Grade																		
A	1.6	2.2	2.8															
B	0.7	1.1	1.8															
2.21	<p>STAINLESS STEEL HARDWARE – Upto Frame 225 Frame 250 and above <i>*Not available for aluminum motors (GD frame) & FLP Motors</i> Brass Studs Frame 63 to 225 250 to 355 400 & Above</p>	<p>₹ 1650/- ₹. 2750/-</p> <p>₹ 6050/- ₹ 12100/- Refer Division</p>																

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

2) All ₹ Figures to be added on net price

3) Inspection charges are subject to GST

4) For any Non-standard features / Accessories not explicitly covered in this price list, please contact to nearest branch office.



SPECIAL FEATURES OFFERED FOR THREE PHASE AC MOTORS WITH CASH EXTRAS

2) MECHANICAL FEATURES

Sr. No	Description	Cash Extras in % of ALP or absolute value in INR whichever is Lower
2.22	TOTALLY ENCLOSED MOTORS WITHOUT FAN : Deration factor = 0.5	ALP as per selected frame
2.23	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
2.24	MS 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) - For Safe Area only	₹ 1650/- ₹ 2200/- ₹ 3850/- ₹ 6600/- ₹ 8800/- 7.50% sub to max of ₹ 19800/-
2.25	ENCLOSURE Increased safety type 'e' (Ex 'eb')motors as per IEC 60079-7 with anticorrosive paint Non sparking type 'N' (Ex 'nA') motors as per IEC60079-15 with anti-corrosive paint. (From 80 to 355 CI frames only) (Price basis-For selected frame size, highest kW ALP to be taken as base)	15% 7.50%
2.26	Metallic Fan * Fan Material (Cast Iron / MS) - for confirmation-- Refer to division	3 %

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

2) All ₹ Figures to be added on net price

3) Inspection charges are subject to GST

4) For any Non-standard features / Accessories not explicitly covered in this price list, please contact to nearest branch office.



SPECIAL FEATURES OFFERED FOR THREE PHASE AC MOTORS WITH CASH EXTRAS

3) HAZARDOUS AREA MOTORS THAT CAN BE OFFERED:

3.1 For Increased Safety Ex"eb" & Non Sparking Ex"nA" Motors				
ZONE	GAS GROUP	TEMP. CLASS	FRAME	Certification Options
2	IIC	T1,T2,T3	ND 90 TO ND 355L	PESO
22	IIIC(Dust Group)	T1,T2,T3	ND 90 TO ND 355L	KARANDIKAR TEST

3.2 For Flameproof Motors Ex"db"- Indian Approval				
ZONE	GAS GROUP	TEMP. CLASS	FRAME	Certificates options
1	IIA, IIB	T1, T2 T3, T4	E80-E400LX	PESO
	I		E90-E315L	DGMS (Coal Mine)
	IIA, IIB		E80-E355LX	ERTL (Oil Mine)
	IIC		Refer to division/ Nearest Branch Office Frames Covered E80 to E315M # & E355LX Terminal box will be on TOP only # E315M TEMP CLASS UPTO T3 ONLY	

3.3 For Flameproof Motors Ex'db' - WITH BASEEFA/ATEXIECEX APPROVALS			
1	IIA, IIB	T1,T2,T3,T4	10% EXTRA OVER STANDARD FLAMEPROOF MOTORS FRAMES COVERED ARE E 80 TO E315L. E400LX (Only ATEX)
1	IIC	T1,T2,T3,T4	10% EXTRA OVER STANDARD FLAMEPROOF MOTORS FRAMES COVERED ARE E 80 TO E315M & E355LX (Only ATEX)

For IECEx Certification in IIA, IIB& IIC refer to division

4) PRICING POLICY FOR SPECIAL MOTORS

4.1	Smart Motor Kit (280 to ND355 Frame) -SMARTOR <i>(Price only for kit, Monthly subscription & Installation charges extra)</i>	₹ 33000/-
4.2	Dust Proof Motor	1.4 times of ALP (No discount)
4.3	Roller Table Motors available (4,6,8,10 & 12 Poles)	Refer division for Frame Selection
4.4	For CI Body with Circular Fins (Available in NR160,R250,NR315L,NR355L Frames)	20% Extra over IE2
4.5	For Fabricated body with Circular Fins (Available in 132,180,200,225,280 Frames)	35% Extra Over IE2

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

2) All ₹ Figures to be added on net price

3) Inspection charges are subject to GST

4) For any Non-standard features / Accessories not explicitly covered in this price list, please contact to nearest branch office.



SPECIAL FEATURES OFFERED FOR THREE PHASE AC MOTORS WITH CASH EXTRAS

5) ACCESSORIES

Sr .No	Description	Cash Extras in % of ALP or absolute value in INR whichever is Lower
5.1	<p>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 Safe Area motors For frames 63 to 112 For Frame 132 For frames 160 to 180 For frames 200 to 250 For frames 280 to 500 FLP (ATEX) / Ex"eb" /Ex"nA" (Add 2% extra in case separate auxiliary terminal box is required) For frames 160 to 180 FLP For frames 200 to 250 FLP For frames 280 to 315 FLP For frame 355 to 400 terminal box charges for separate Aux box FLP (PESO) / Ex"eb" /Ex"nA" (Add 2% extra in case separate auxiliary terminal box is required)</p>	<p>Not Available ₹ 2200 ₹ 2750/- ₹ 4950/- Nil ₹ 9570/ - ₹ 10450/- ₹ 13750/- ₹ 3300/- 50 % of ATEX Approved Prices</p>
5.2	<p>THERMISTORS (Without relays) 80 frames above(80 frame in FLP not possible) varieties : PTC -110, PTC-130, PTC-150 3 nos per motor Frame 80- 450 6 nos (PTC 130-3 nos& PTC 150- 3 nos) per motor 160-450 For FLP, type Ex"eb" , Ex"nA" PTC 130 ° C - 3 nos PTC 150 ° C - 3 nos</p>	<p>₹ 2860/- ₹ 5170/- ₹ 5500/- ₹ 6490/-</p>
5.3	<p>RTD's 160 frames and above (Not applicable for FLP motors) 3 Wire Simplex RTD PT100- 3 nos. 3 Wire Simplex RTD PT100- 6 nos. 6 Wire Duplex RTD PT100- 3 nos. 160 to 200 - Extra Price for TB due to RTD arrangement 6 Wire Duplex RTD PT100- 6 nos. (315 frame & above only). Applicable for type Ex"eb" , Ex"nA" also.</p>	<p>₹ 8250/- ₹ 13750/- ₹ 13750/- 6% ₹ 26950/-</p>
5.3A	Vibration Probe Mounting Arrangement, 18X25mm (Probe not in CG Scope) SPM (Shock Pulse Monitor) Holes	₹ 6050/-

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

2) All ₹ Figures to be added on net price

3) Inspection charges are subject to GST

4) For any Non-standard features / Accessories not explicitly covered in this price list, please contact to nearest branch office.



SPECIAL FEATURES OFFERED FOR THREE PHASE AC MOTORS WITH CASH EXTRAS

5) ACCESSORIES

Sr. No	Description	Cash Extras in % of ALP or absolute value in INR whichever is Lower
5.4	BEARING TEMPERATURE DETECTOR (2 Nos.) ROD Type (Duplex) without wiring (not possible for FLP motor) Frames 160 to 225 250 to ND355 NG355 & Above Ex'eb' & Ex'nA' motors BTD BTB Termination in Separate Terminal Box <i>For slip ring motors BTB will be on DE side only</i>	₹ 8800/- ₹ 9900/- No Extra ₹ 33000/- ₹ 5500/-
5.5	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 frame 90-132 (not available in frame 80) EPDM Gasket	₹ 2200/- ₹ 2420/- ₹ 1870/- ₹ 1650/-
5.6	Additional nameplates	₹ 550/-
5.7	Direction arrow sticker	₹ 660/-
5.8	FLP Plug and socket arrangement : (SAFEX Make) 30 Amps, 600 volts 110 Amps, 600 volts 150 Amps, 600 volts Plug and Socket Arrangement for Safe Area	₹ 21780/- ₹ 25410/- ₹ 31460/- Refer Division
5.9	DOUBLE COMPRESSION GLANDS (Per run of Cable) For single Run / Conical Gland / FLP(Ex“db”) & Ex“eb”, Ex“nA” (ATEX Approved) Upto frame 160 180 to 225 250 to 355 Space heater gland and thermisters glands # Compression glands suitable for gas IIA, IIB and IIC FLP (Ex“db”) & Ex“eb”, Ex“nA (PESO Approved) Metallic sealing plug per run EIL Approved Cable Glands	STD / CONICAL / Hazardous area ₹ 1650 / ₹ 2475 / ₹ 4950 ₹. 2750 / ₹ 4070 / ₹ 9900 ₹. 3520 / ₹ 5280 / ₹ 23100 ₹. 1210 / NA / ₹ 1980 50 % of ATEX Approved Prices 50% of gland Price Same as rates of FLP Glands
5.10	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) Regular wooden packing case (where CG STD is Steel Frame)	No reduction No reduction 7.50% 5%

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

2) All ₹ Figures to be added on net price

3) Inspection charges are subject to GST

4) For any Non-standard features / Accessories not explicitly covered in this price list, please contact to nearest branch office.



SPECIAL FEATURES OFFERED FOR THREE PHASE AC MOTORS WITH CASH EXTRAS

6) SPECIAL MOTORS

Sr. No	Description	Cash Extras in % of ALP or absolute value in INR whichever is Lower
6.1	INSULATIONS CLASS Class 'H' insulation For frame 63-500	10%
6.2	MULTI SPEED MOTORS (Only for Safe Area) Single tapped winding type with 2/4, 4/8, 4/6, 6/8 P 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
6.3	Motor with higher polarity Extra Loading on 8P Motor ALP- (Higher Frame in that KW) 10 pole 12 pole 16 pole	10% 15% 20%
6.4	CRANE DUTY MOTORS : Intermittent Duty (other than S1)	Only For ratings and frames not covered in this price list please load 5% extra over identified frame/rating ALP
6.5	EPOXY GEL COAT(63 to 500 frames)	2%
6.6	CLEAN FLOW CONSTRUCTION for TEFC SCR textile motors Frames 90 to 132	Refer AC Textile Motors page given separately

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

2) All ₹ Figures to be added on net price

3) Inspection charges are subject to GST

4) For any Non-standard features / Accessories not explicitly covered in this price list, please contact to nearest branch office.



SPECIAL FEATURES OFFERED FOR THREE PHASE AC MOTORS WITH CASH EXTRAS

7) TESTING CHARGES

INSPECTION / TEST WITNESSING BY CUSTOMER / CONSULTANT

Inspection arrangements and third party inspection charges are in customer's scope. In addition following would be

Inspection charges for witnessing tests:

Sr. No	Description	Cash Extras in % of ALP or absolute value in INR whichever is Lower
7.1	Inspection as per CG STD QAP Routine testing per motor: Frames 63 to 160 Frames 180 to 250 Frames 280 to 500 Additional No Load running over routine testing Inspection as per Customer format of QAP	₹ 2750/- ₹ 3850/- ₹ 4950/- ₹ 1100/- Per Motor 5% + Net Charges as given above
7.2	Type testing per motor Frames 63 to 160 Frames 180 to 250 Frames 280 to 315 Frame 355 Frame 400/ 500(part load testing shall be done depending on test capacity) 100% Dimension check (all Qty in a Lot of similar frame) will be Chargeable	₹ 6050/- ₹ 9075/- ₹ 13915/- ₹ 16940/- ₹ 30250/- 25% of Type test charge per Motor
7.3	FLP Pressure test per motor Frame 80 to 160 Frame 180 to 400	₹ 3630/- ₹ 9680/-
7.4	IInd numeral IP55 test per motor (Prior confirmation from division shall be taken)	₹ 5500/-
7.5	Testing with inverter drive (with ERTL/ KRANDIKAR witness) customer to arrange power analyzer along with drive (Without ERTL/KARANDIKAR witness)	₹ 1,92,500/- per motor ₹ 60,500/- per motor
7.6	DOCUMENTS CHARGES (technical/ commercial) Documents for approval / submission Marine motor documentation: please refer such enquiries to division.	₹ 1650/- per rating ₹ 15400/- per rating

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

2) All ₹ Figures to be added on net price

3) Inspection charges are subject to GST

4) For any Non-standard features / Accessories not explicitly covered in this price list, please contact to nearest branch office.



Smart solutions.
Strong relationships.



Output 0.37 kW to 315 kW

Pole 2 / 4 / 6

Frame 80 - 355

Super Premium IE4 & IE5 Motors



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

Squirrel cage Induction Motors with enclosure conforming 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" altitude less than 1000 m above m.s.l. Performance Efficiency values are conforming to IS12615 / IS/IEC 60034



SUPER PREMIUM EFFICIENCY - IE4

OUTPUT Rating		2 Pole / 3000 RPM		4 Pole / 1500 RPM		6 Pole / 1000 RPM	
KW	HP	Frame	List Price	Frame	List Price	Frame	List Price
0.37	0.50	-	-	-	-	PC80	24080
0.55	0.75	PC80	21005	PC80	22325	PC80	24775
0.75	1.00	PC80	21715	PC80	22615	PC90S	27875
1.10	1.50	PC80	23690	PC90S	27910	PC90L	30565
1.50	2.00	PC90S	27155	PC90L	33920	PC100L	46845
2.20	3.00	PC90L	34845	PC100L	40355	PC112M	49465
3.70	5.00	PC100L	44615	PC112M	51160	PC132S	72885
5.50	7.50	PC132S	73715	PC132S	74205	PC132M	89565
7.50	10.00	PC132S	76335	PC132M	87700	PC160M	133530
9.30	12.50	PC160M	122990	PC160M	130825	PC160L	145515
11	15	PC160M	127500	PC160M	135325	PC160L	164340
15	20	PC160M	149350	PC160L	164980	PC180L	214675
18.5	25	PC160L	191920	PC180M	211085	PC200L	301090
22	30	PC180M	212950	PC180L	231195	PC200L	331140
30	40	PC200L	316575	PC200L	318975	PC225M	463200
37	50	PC200L	384395	PC225S	372950	PC250M	622885
45	60	PC225M	494680	PC225M	452080	PC280S	746075
55	75	PC250M	665880	PC250M	621240	PC280M	856755
75	100	PC280S	799625	PC280S	726935	PC315S	983230
90	120	PC280M	922350	PC280M	846735	PC315M	1230340
110	150	PC315S	1165095	PC315S	1025585	PC315M	1371920
132	180	PC315M	1431905	PC315M	1201725	PC315L	1601570
160	215	PC315L	1568555	PC315L	1519940	PC315L	1667595
180	240	PC315L	1651210	PC315L	1642955	PC355L	2037215
200	270	PC315L	1831250	PC315L	1711595	PC355L	2139020
225	300	PC355L	1937845	PC355L	2112980	PC355L	2230195
250	335	PC355L	2051205	PC355L	2155225	PC355L	2341730
275	370	PC355L	2171575	PC355L	2283105	PC355L	2647215
315	425	PC355L	2223795	PC355L	2450615	PC355L	3277060

Standard Paint Shade: RAL1036 (Pearl Gold)

Temp rise with VFD (Variable Torque) in same frame shall be limited to class F. If customer require with rise B please refer nearest branch.



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

Squirrel

cage Induction Motors with Enclosure conforming 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" altitude less than 1000 m above m.s.l. Performance Efficiency values are conforming to IS12615 / IS/IEC 60034

PREMIUM EFFICIENCY - IE3 (Cast Iron Series)



OUTPUT Rating		2 Pole / 3000 RPM		4 Pole / 1500 RPM		6 Pole / 1000 RPM		8 Pole / 750 RPM	
KW	HP	Frame	List Price	Frame	List Price	Frame	List Price	Frame	List Price
0.37	0.5	-	-	-	-	NG80	18180	ND90S	22585
0.55	0.75	NG80	15445	NG80	16370	NG80	18680	ND90L	24700
0.75	1.00	NG80	15955	NG80	16995	NG90S	22035	ND100L	30350
1.10	1.50	NG80	17385	NG90S	20690	NG90L	24090	ND100L	36900
1.50	2.00	NG90S	19910	NG90L	24085	NG100L	36995	ND112M	42770
2.20	3.00	NG90L	25580	NG100L	28685	NG112M	39045	ND132S	56605
3.70	5.00	NG100L	35905	NG112M	36335	NG132S	57560	ND160M	88115
5.50	7.50	NG132S	51775	NG132S	52690	NG132M	70725	ND160M	132000
7.50	10.00	NG132S	53580	NG132M	62265	ND160M	100885	ND160L	139570
9.30	12.50	ND160M	90285	ND160M	97135	ND160L	109930	ND180M	181495
11.00	15.00	ND160M	97855	ND160M	100490	ND160L	124205	ND180L	191405
15	20	ND160M	109680	ND160L	122520	ND180L	169565	ND200L	264640
18.5	25	ND160L	140885	ND180M	149965	ND200L	218955	ND225S	339580
22.0	30	ND180M	156360	ND180L	164240	ND200L	240835	ND225M	408225
30	40	ND200L	232430	ND200L	228740	ND225M	336850	ND250M	551155
37	50	ND200L	282250	ND225S	279615	ND250M	435590	ND280S	718780
45	60	ND225M	363240	ND225M	338950	ND280S	545455	ND280M	772550
55	75	ND250MX	465645	ND250MX	424310	ND280M	626360	ND315S	842555
75	100	ND280S	607975	ND280S	539875	ND315S	715125	ND315M	1046170
90	120	ND280M	701325	ND280M	628845	ND315M	894790	ND315L	1416595
110	150	ND315S	889720	ND315S	761635	ND315M	997780	ND315LX	1499695
125	170	ND315M	1043910	ND315M	867635	ND315LX	1193810	ND315LX	1647675
132	180	ND315M	1093490	ND315M	892460	ND315LX	1223000	ND315LX	1737490
160	215	ND315LX	1197805	ND315LX	1128770	ND315LX	1267920	ND355LX	2018720
180	240	ND315LX	1260935	ND315LX	1311630	ND355LX	1703830	ND355LX	2071160
200	270	ND315LX	1358450	ND315LX	1366450	ND355LX	1789025	ND355LX	2218750
225	300	ND355LX*	1547065	ND355LX	1613550	ND355LX	1865235	ND355LX	3152400
250	335	ND355LX*	1637595	ND355LX	1720625	ND355LX	1958505	-	-
275	370	ND355LX*	1658280	ND355LX	1743490	ND355LX	2214035	-	-
315	425	ND355LX*	1775350	ND355LX*	1956460	ND355LX*	2621675	-	-
355	473	-	-	ND355LX*	2273515	-	-	-	-
375	500	-	-	ND355LX*	2597885	-	-	-	-

275KW/2Pole is suitable for 40°C Amb/70 °C temperature rise

Standard Paint Shade: RAL5021 (Water Blue) Epoxy

*These are suitable to temperature rise limited to class F

Temp rise with VFD (Variable Torque) in same frame shall be limited to class F. If customer require with rise B please refer nearest branch.



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

Squirrel cage Induction Motors with Enclosure conforming 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" altitude less than 1000 m above m.s.l. Performance Efficiency values are conforming to IS12615 / IS/IEC 60034



PREMIUM EFFICIENCY - IE3 (Aluminium Series)

OUTPUT Rating		2 Pole / 3000 RPM		4 Pole / 1500 RPM		6 Pole / 1000 RPM	
KW	HP	Frame	List Price	Frame	List Price	Frame	List Price
0.37	0.50	GD71	12945	GD71	13300	GD80	18930
0.55	0.75	GD71	16815	GD80	17440	GD80	19395
0.75	1.00	GD80	17365	GD80	17680	GD90S	21865
1.10	1.50	GD80	18965	GD90S	21785	GD90L	23975
1.50	2.00	GD90S	21710	GD90L	26515	GD100L	36835
2.20	3.00	GD90L	27885	GD100L	31560	GD112M	38915
3.00	4.00	GD100L	32925	GD112M	36210	GD132S	57285
3.70	5.00	GD100L	35740	GD112M	40005	GD132S	59285
4.00	5.50	GD112M	44225	GD112M	46025	GD132S	61465
5.50	7.50	GD132S	56460	GD132S	55490	GD132M	70425
7.50	10.00	GD132S	58415	GD132M	65570	-	-
9.3*	12.50	GD132M	88165	GD132M	91105	-	-

Standard paint shade: RAL5021 (Water Blue)

For other ratings please contact nearest CG Office

*** Ratings are with F class temperature rise**



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

Squirrel cage Induction Motors with Enclosure conforming 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" altitude less than 1000 m above m.s.l. Performance Efficiency values are conforming to IS12615 / IS/IEC 60034

HIGH EFFICIENCY - IE2 (CAST IRON Series)



OUTPUT Rating		2 Pole / 3000 RPM		4 Pole / 1500 RPM		6 Pole / 1000 RPM		8 Pole / 750 RPM	
KW	HP	Frame	List Price	Frame	List Price	Frame	List Price	Frame	List Price
0.37	0.50	-	-	-	-	ND80	16110	ND90S	19600
0.55	0.75	-	-	ND80	14565	ND80	16545	ND90L	21460
0.75	1.00	ND80	14565	ND80	14780	ND90S	18620	ND100L	26380
1.10	1.50	ND80	15820	ND90S	19080	ND90L	20435	ND100L	32090
1.50	2.00	ND90S	18180	ND90L	22145	ND100L	28875	ND112M	37190
2.20	3.00	ND90L	23330	ND100L	26370	ND112M	31290	ND132S	49210
3.70	5.00	ND100L	28890	ND112M	34940	ND132S	50950	ND160M	82225
5.50	7.50	ND112M	39105	-	-	-	-	-	-
5.50	7.50	ND132S	49200	ND132S	47410	ND132M	61530	ND160M	100075
7.50	10.00	ND132S	53445	ND132M	54805	ND160M	89830	ND160L	121365
9.30	12.50	ND132M	77985	ND132M	74050	-	-	ND180M	157815
9.30	12.50	ND160M	90185	ND160M	88575	ND160L	104185	-	-
11	15	ND160M	95000	ND160M	89430	ND160L	110535	ND180L	166420
15	20	ND160M	102310	ND160L	115380	ND180L	144375	ND200L	230085
18.5	25	ND160L	131465	ND180M	144255	ND200L	196745	ND225S	295260
22	30	ND180M	147665	ND180L	157995	ND200L	215180	ND225M	354995
30	40	ND200L	211885	ND200L	218010	ND225M	302805	ND250M	479260
37	50	ND200L	251285	ND225S	249470	ND250M	407150	ND280S	624995
45	60	ND225M	323360	ND225M	295505	ND280S	509865	ND280M	671780
55	75	ND250MX	445680	ND250MX	415515	ND280M	585540	ND315S	732610
75	100	ND280S	562920	ND280S	516700	ND315S	684030	ND315M	909670
90	120	ND280M	649370	ND280M	601825	ND315M	855880	ND315L	1231835
110	150	ND315S	849060	ND315S	721570	ND315M	954355	ND315LX	1363340
125	170	ND315M	1017905	ND315M	821980	ND315LX	1087545	ND315LX	1432765
132	180	ND315M	1043545	ND315M	845530	ND315LX	1114110	ND315LX	1510850
150	201	-	-	ND315LX	993935	-	-	-	-
160	215	ND315LX	1143090	ND315LX	1049250	ND315LX	1212805	ND355LX	1755380
180	240	ND315LX	1203400	ND315LX	1115960	ND355LX	1432960	ND355LX	1800990
200	270	ND315LX	1304240	ND315LX	1151865	ND355LX	1534150	ND355LX	1929330
225	300	ND355LX*	1502735	ND355LX	1464905	ND355LX	1580220	ND355LX	2741220
250	335	ND355LX*	1539110	ND355LX	1554325	ND355LX	1689580	-	-
275	370	ND355LX*	1582605	ND355LX	1625210	ND355LX*	1964300	-	-
315	425	ND355LX*	1694295	ND355LX*	1823725	ND355LX*	2431625	-	-
355	473	-	-	ND355LX*	2119275	-	-	-	-
375	500	-	-	ND355LX*	2421645	-	-	-	-

*These are suitable to temperature rise limited to class F

Temp rise with VFD (Variable torque) in same frame shall be limited to class F. For rise B please refer to nearest branch.

For other ratings please contact nearest CG Office. Standard Paint Shade : RAL7034 (Yellow Grey),

For MEPS-B2 Performance, 10% additional to above prices



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

Squirrel cage Induction Motors with Enclosure conforming 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" altitude less than 1000 m above m.s.l. Performance Efficiency values are conforming to IS12615 / IS/IEC 60034

HIGH EFFICIENCY - IE2 (Aluminium Series)



OUTPUT Rating		2 Pole / 3000 RPM		4 Pole / 1500 RPM		6 Pole / 1000 RPM	
KW	HP	Frame	List Price	Frame	List Price	Frame	List Price
0.18	0.25	GD63	9660	GD63	10330	-	-
0.25	0.33	GD63	9945	GD71	10485	-	-
0.37	0.50	GD71	11305	GD71	11575	GD80	16470
0.55	0.75	GD71	14665	GD80	15140	GD80M	16900
0.75	1.00	GD80	15095	GD80	15370	GD90S	19010
1.10	1.50	GD80	16470	GD90S	18965	GD90L	20885
1.50	2.00	GD90S	18890	GD90L	23035	GD100L	30000
2.20	3.00	GD90L	24250	GD100L	27420	GD112M	31955
3.70	5.00	GD100L	30110	GD112M	34720	GD132S	49815
4.00	5.50	GD112M	38440	GD112M	40040	GD132S	53450
5.50	7.50	GD132S	51300	GD132S	48290	GD132M	61275
7.50	10.00	GD132S	55720	GD132M	57050	GD132M*	98185
9.30	12.50	GD132M*	76680	GD132M*	79220	-	-
11.00	15.00	GD132M*	93645	GD132M*	90005	-	-

For other ratings please contact nearest CG Office

For MEPS-B2 Performance, 10% additional to above prices

Standard Paint Shade : RAL7034 (Yellow Grey)

** Ratings are with F class Temperature Rise*



Smart solutions.
Strong relationships.



Output Up to 710 kW

Pole 2 / 4 / 6 / 8

Frame Up to 500

Smart Motors - Smartor

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

Enclosure conforming 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 with Class "F" insulation and altitude less than 1000 m above m.s.l. Efficiency values are conforming to IS12615 / IS/IEC 60034

**SMART MOTOR -HIGHER OUTPUT - IE2**

OUTPUT Rating		2 Pole / 3000 RPM	4 Pole / 1500 RPM	6 Pole / 1000 RPM	8 Pole / 750 RPM
KW	HP	Frame	Frame	Frame	Frame
250	335	-	-	-	NG355LX
315	422	-	-	-	NG355LX
355	476	NG355LX	-	NG355LX	NG400LX
375	503	NG355LX	-	ND400LX	NG400LX
400	535	NG355LX	NG355LX	NG400LX	NG400LX
425	570	*NG355LX	ND400LX	-	-
450	600	NG400LX	NG400LX	NG400LX	ND450LX
500	670	NG400LX	NG400LX	NG400LX	ND450LX
560	750	NG400LX	NG400LX	NG400LX	ND450LX
630	850	NG400LX	NG400LX	ND450LX	ND500LX*

Kindly Refer enquires to CG Office / Division for Price

Standard Paint Shade : RAL7034 (Yellow Grey)

** For Class H Rise Only, for B rise Quote in 400LX*



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

Enclosure conforming 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 with Class "F" insulation and altitude less than 1000 m above m.s.l. Efficiency values are conforming to IS12615 / IS/IEC 60034

SMART MOTOR -HIGHER OUTPUT – IE3



OUTPUT Rating		2 Pole / 3000 RPM	4 Pole / 1500 RPM	6 Pole / 1000 RPM	8 Pole / 750 RPM
KW	HP	Frame	Frame	Frame	Frame
250	335	-	-	-	NG355LX
315	422	-	-	-	NG355LX
355	476	NG355LX	-	NG355LX	NG400LX
375	503	NG355LX	-	ND400LX	NG400LX
400	535	NG355LX	NG355LX	NG400LX	NG400LX
425	570	NG355LX	ND400LX	-	-
450	600	NG400LX	NG400LX	NG400LX	ND450LX
500	670	NG400LX	NG400LX	NG400LX	ND450LX
560	750	NG400LX	NG400LX	NG400LX	ND450LX
630	850	NG400LX	NG400LX	ND450LX	ND500LX*

Kindly Refer enquires to CG Office / Division for Price

Standard Paint Shade : RAL5021 (Water Blue) Epoxy

****ND500LX will be with Fabricated body**

*** For Class H Rise Only, for B rise Quote in 400LX**

Motors fitted with Smart Motor Kit operates through wireless communication & provides following information on smart phone/Laptop

Tri-axial Vibration, Noise, Temperature and real time data can be recorded along with real time alerts



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

Enclosure conforming 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 with Class "F" insulation with temperature rise limited to class F and altitude less than 1000 m above m.s.l. Efficiency values are conforming to IS12615 / IS/IEC 60034



SMART MOTOR -HIGHER OUTPUT (IE3) for VFD Duty Application

OUTPUT Rating		2 Pole / 3000 RPM	4 Pole / 1500 RPM	6 Pole / 1000 RPM	8 Pole / 750 RPM
KW	HP	Frame	Frame	Frame	Frame
250	335	-	-	-	NG355LX
315	422	-	-	NG355LX	NG355LX
355	476	NG355LX	NG355LX	NG355LX	NG400LX
375	503	NG355LX	NG355LX	ND400LX	NG400LX
400	535	NG355LX	NG355LX	NG400LX	NG400LX
425	570	NG355LX*	ND400LX	-	-
450	600	NG400LX	NG400LX	NG400LX	ND450LX
500	670	NG400LX	NG400LX	NG400LX	ND450LX
560	750	NG400LX	NG400LX	NG400LX	ND450LX
630	850	NG400LX	NG400LX	ND450LX	-

Kindly Refer enquires to CG Office / Division for Price

Notes for VFD Duty Motors :

Above motors are suitable for Variable Torque Application.

Motors can be used for constant Torque Application after getting confirmation from Nearest CG Branch.

*** For Class H Rise Only, for B rise Quote in 400LX**

Standard Paint Shade : RAL5021 (Water Blue) Epoxy

Motors are with Insulated bearings, RTD, BTD, Space heater

Motors fitted with Smart Motor Kit operates through wireless communication and provides following information on smart phone/Laptop

Tri-axial Vibration, Temperature and real time data can be recorded along with real time alerts



Smart solutions.
Strong relationships.



Output 0.37 kW to 400 kW

Pole 2 / 4 / 6 / 8

Frame 80 - 400

Flameproof IE2 / IE3 Motors



TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE FLAME PROOF INDUCTION MOTORS-FOOT MOUNTED

Enclosure conforming 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. Efficiency values are conforming to IS12615 / IS/IEC 60034 , Motors are suitable for Temperature class T4.

Flameproof Motors - IE3

OUTPUT Rating		2 Pole / 3000 RPM		4 Pole / 1500 RPM		6 Pole / 1000 RPM	
KW	HP	Frame	List Price	Frame	List Price	Frame	List Price
0.37	0.50	E80	29165	E80	28710	E80	33285
0.55	0.75	E80	32625	E80	31645	E80	34200
0.75	1.00	E80	33600	E80	32905	E90L	41675
1.10	1.50	E90L	39295	E90L	38090	E90L	42880
1.50	2.00	E90L	40170	E90L	42655	E100L	62060
2.20	3.00	E90L	52515	E100L	54245	E112M	72115
3.70	5.00	E100L	66710	E112M	68715	E132M	95545
5.50	7.50	E132M	98940	E132M	94480	E132M	115750
7.50	10.00	E132M	109245	E132M	107605	E160L	175420
9.30	12.50	E160L	193775	E160L	162845	E160LX	205210
11	15	E160L	193775	E160L	170245	E160LX	214785
15	20	E160L	217690	E160LX	207045	E180L	274780
18.5	25	E160L	247230	E180L	235080	E200L	341680
22	30	E180L	293260	E180L	279410	E200L	370630
30	40	E200L	412725	E200L	374865	E225M	607610
37	50	E200L	511335	E225S	488265	E250M	780135
45	60	E225M	649035	E225M	617385	E280M	906035
55	75	E250M	830785	E250M	756415	E280M	977270
75	100	E280M	1021225	E280M	926975	E315M	1145930
90	120	E280M	1056290	E280M	944920	E315M	1285330
110	150	E315M	1223805	E315M	1128160	E315L	1409180
132	180	E315M	1451000	E315M	1365355	E315L	1708110
160	215	E315L#	1645050	E315L#	1371395	E315L#	2152035
180	240	E315L#	1972320	E315L#	1641585	E355LX	On Request
200	270	E315L#	2450540	E315L#	1957215	E355LX	On Request
225	300	E355LX#	On Request	E355LX*	On Request	-	
250	335	E355LX#	On Request	E355LX*	On Request	-	

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

Gas group IIA, IIB E80, E315L & E355LX will be with T/B on TOP only

For all frames of Gas group IIC , terminal box position will be on top (no other option is available)

Gas Group IIC in not available in E315L frame, For E80 & E355LX-DGMS certificate is not available

Suitable for 40 degree amb /80 degree Temp rise.

***These are suitable to temperature rise limited to class F**

160 to 250KW in 2 Pole, 160&180KW 4 Pole are suitable for 40 degree amb /80 degree temp rise

Standard paint shade : RAL 5021 (Water Blue)



TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE FLAME PROOF INDUCTION MOTORS-FOOT MOUNTED

Enclosure conforming 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. Efficiency values are conforming to IS12615 / IS/IEC 60034 , Motors are suitable for Temperature class T4.

Flameproof Motors - IE2

OUTPUT Rating		2 Pole / 3000 RPM		4 Pole / 1500 RPM		6 Pole / 1000 RPM		8 Pole / 750 RPM	
KW	HP	Frame	List Price	Frame	List Price	Frame	List Price	Frame	List Price
0.37	0.50	E80	27910	E80	27440	E80	31845	E90L	38250
0.55	0.75	E80	31235	E80	30300	E80	34260	E90L	41395
0.75	1.00	E80	32165	E80	31485	E90L	39870	E100L	50085
1.10	1.50	E90L	37630	E90L	37630	E90L	41065	E100L	58240
1.50	2.00	E90L	38455	E90L	40845	E100L	59430	E112M	69870
2.20	3.00	E90L	50265	E100L	51915	E112M	69045	E132M	92335
3.70	5.00	E100L	66795	E112M	65755	E132M	91480	E160L	149350
5.50	7.50	E132M	94735	E132M	90435	E132M	110850	E160L	175495
7.50	10.00	E132M	104605	E132M	103000	E160L	175550	E160L	214060
9.30	12.50	E160L	188945	E160L	162985	E160L	197530	E180L	272115
11	15	E160L	188945	E160L	162985	E160L	205655	E180L	286635
15	20	E160L	208410	E160LX	198210	E180L	274985	E200L	387440
18.5	25	E160L	236665	E180L	225025	E200L	342000	E225S	480975
22	30	E180L	280770	E180L	267505	E200L	370975	E225M	633005
30	40	E200L	377960	E200L	358905	E225M	581710	E250M	777410
37	50	E200L	489490	E225S	447110	E250M	746855	E280M	997645
45	60	E225M	621380	E225M	565365	E280M	867385	E280M	1018820
55	75	E250M	795390	E250M	724155	E280M	935590	E315M	1241360
75	100	E280M	977665	E280M	887465	E315M	1097040	E315M	1453905
90	120	E280M	1057175	E280M	904670	E315M	1286445	E315L	1591410
110	150	E315M	1171605	E315M	1080055	E315L	1410385	E315L	1861155
125	170	E315M	1367985	E315M	1200290	E315L	1603390	E355LX	On Request
132	180	E315M	1389125	E315M	1307125	E315L	1709590	E355LX	On Request
150	200	E315L	1508525	E315L	1353200	E315L	1788040	E355LX	On Request
160	215	E315L#	1574880	E315L#	1372610	E315L#	2060325	E355LX	On Request
180	240	E315L#	1888165	E315L#	1642985	E355LX	On Request	E355LX	On Request
200	270	E315L#	2346060	E315L#	1873740	E355LX	On Request	E355LX	On Request
225	300	E355LX#	On Request	E355LX#	On Request	E355LX	On Request	E355LX	On Request
250	335	E355LX#	On Request	E355LX#	On Request	E355LX	On Request	E400LX	On Request
275	370	E355LX#	On Request	E355LX#	On Request	E355LX	On Request	-	-
315	425	E355LX#	On Request	E355LX#	On Request	-	-	-	-
325	435	E355LX#	On Request	E355LX#	On Request	-	-	-	-
355	476	E400LX*	On Request	E400LX*	On Request	-	-	-	-
375	503	E400LX*	On Request	E400LX*	On Request	-	-	-	-
400	535	E400LX*	On Request	E400LX*	On Request	-	-	-	-

In 400 frame - 6pole and above on request. Gas group IIA, IIB E80, E315L , E355LX & E400LX will be with T/B on TOP only

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

For all frames of Gas group IIC , terminal box position will be on top (no other option is available)

Gas Group IIC is not available in E315L & E400LX frame. For E80 , E355LX & E400LX -DGMS certificate is not available

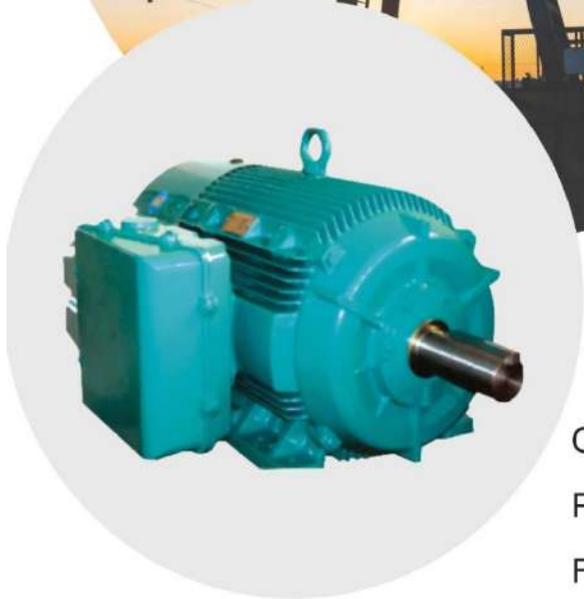
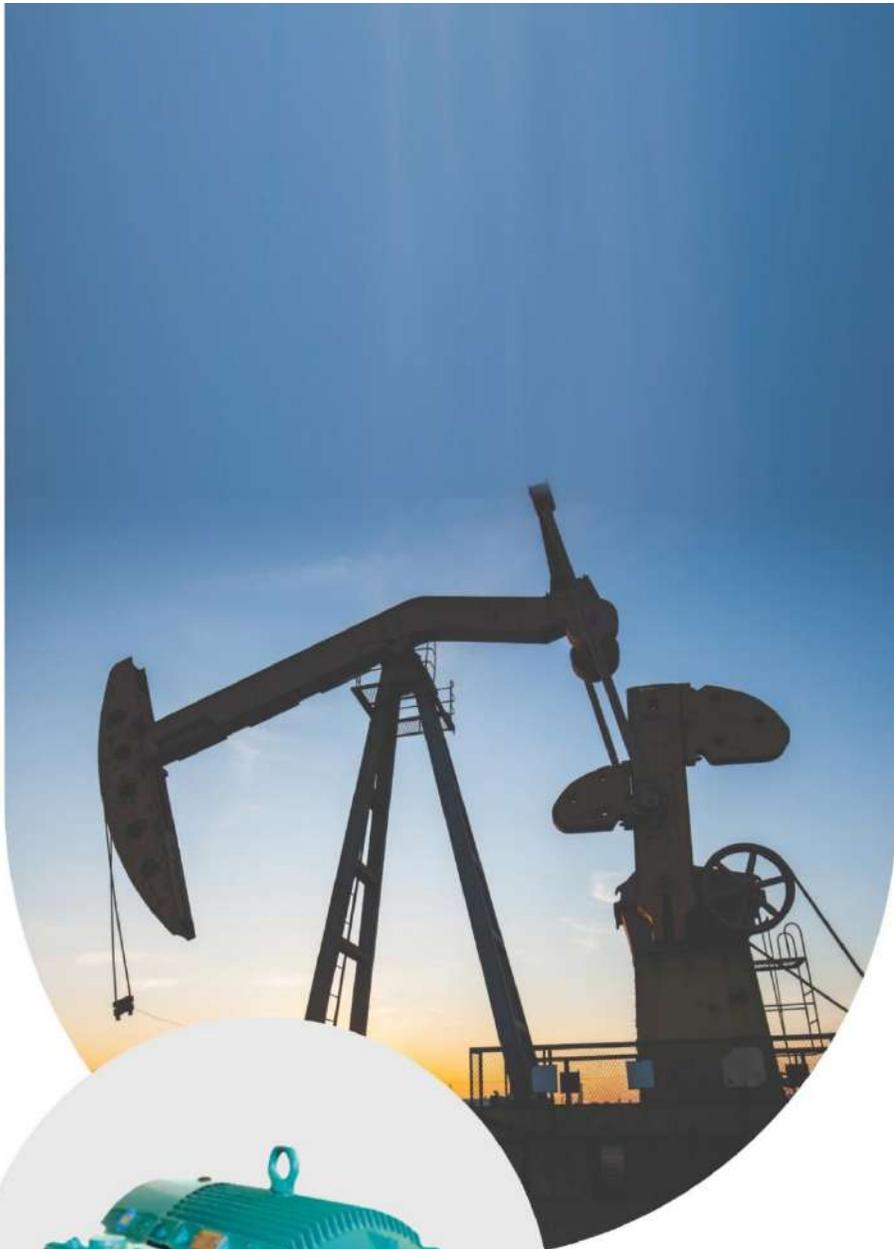
Smart Kit feature is not a default feature. #These are suitable for 40 degree amb /80 degree Temp rise.

***These are suitable to temperature rise limited to class Standard paint shade : RAL 7034 (Yellow Grey)Epoxy**

Temp rise with VFD in same frame shall be limited to class F .If customer need with rise B please refer to nearest branch.



Smart solutions.
Strong relationships.



Output 1HP to 200HP

Pole 2 / 4 / 6 / 8

Frame 143T to 504T

Nema Motors (Epack / Premium)



TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE 3 PH INDUCTION MOTORS-FOOT MOUNTED
 208-230/460 Volt or 575 V 60 Hz, Ambient 40 degree ,class F insulation with class B temp rise. As per NEMA MG-1

NEMA MOTORS - PREMIUM SERIES

OUTPUT Rating		2 Pole / 3000 RPM		4 Pole / 1500 RPM		6 Pole / 1000 RPM	
KW	HP	Frame	List Price	Frame	List Price	Frame	List Price
0.75	1.00	143T	22930	143T	25760	145T	27015
1.10	1.50	143T	27225	145T	26410	182T	48085
1.50	2.00	145T	27910	145T	29305	184T	50480
2.20	3.00	182T	48940	182T	49445	213T	77915
3.70	5.00	184T	53160	184T	53950	215T	84675
5.50	7.50	213T	75375	213T	83140	254T	140195
7.50	10.00	215T	80925	215T	89510	256T	158935
11.00	15.00	254T	124240	254T	133750	284T	227470
15.00	20.00	256T	134720	256T	148745	286T	232555
18.50	25.00	284TS	205510	284T	226475	324T	312035
22	30	286TS	207980	286T	236635	326T	327415
30	40	324TS	312255	324T	345840	364T	500330
37	50	326TS	329275	326T	386365	365T	561180
45	60	364TS	464200	364T	486485	404T	620200
55	75	365TS	518255	365T	533850	405T	660725
75	100	405TS	664555	405T	665660	-	-

Standard paint shade : RAL 5021 (Water Blue)

NEMA- C Flange in addition to foot 8 %

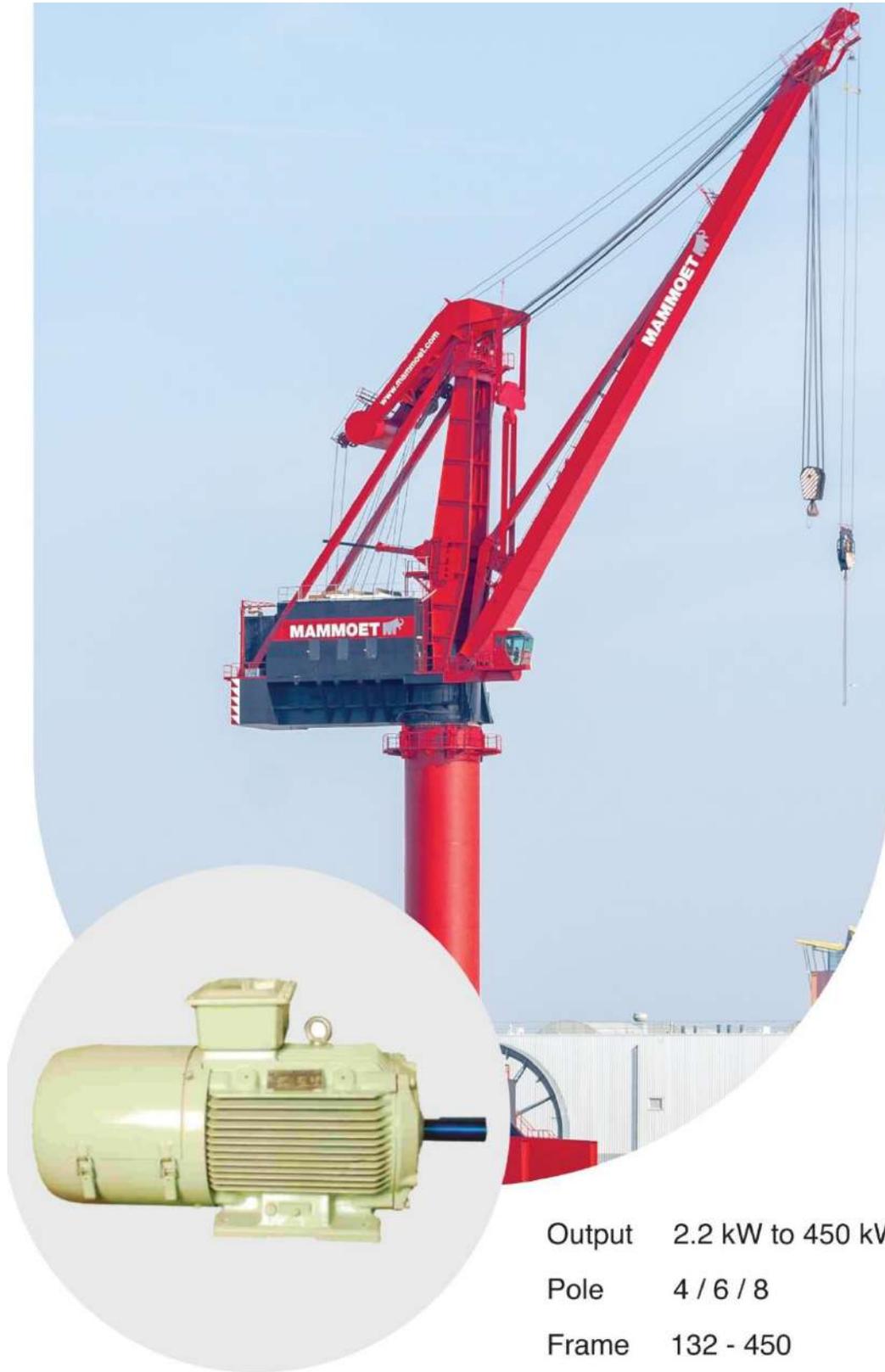
NEMA- C Flange without foot 5 %

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

NEMA Premium & NEMA IPACT for American Market
MEPS 2 - Australia & New Zealand



Smart solutions.
Strong relationships.



Output 2.2 kW to 450 kW

Pole 4 / 6 / 8

Frame 132 - 450

Slipring Motors



TOTALLY ENCLOSED FAN COOLED 3 PH SLIP RING INDUCTION MOTORS

Enclosure conforming 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 IS12615 / IS/IEC 60034

TEFC SLIPRING MOTORS

OUTPUT Rating		4 Pole / 1500 RPM		6 Pole / 1000 RPM		8 Pole / 750 RPM	
KW	HP	Frame	List Price	Frame	List Price	Frame	List Price
2.2	3.0	-	-	DW132S	124425	-	-
3.0	4.0	DW132S	120505	DW132S	130895	NDW160M	179330
3.7	5.0	DW132S	123230	DW132M	137480	NDW160M	185720
5.5	7.5	DW132M	125805	NDW160M	167695	NDW160L	208150
7.5	10.0	NDW160M	166575	NDW160L	209205	NDW180L	283025
11	15	NDW160L	208425	NDW180L	271620	NDW200L	370830
15	20	NDW180L	275845	NDW200L	354530	NDW225M	476815
18.5	25	NDW200L	317315	NDW225M	457145	NDW225M	551380
22	30	NDW200L	352545	NDW225M	546295	NDW250M	719670
30	40	NDW225M	435495	NDW250M	722400	NDW280S	830285
37	50	NDW250M	597115	NDW280S	817910	NDW280M	952345
45	60	NDW250M	713725	NDW280M	888700	NDW315S	1170560
55	75	NDW280S	786610	NDW315S	991020	NDW315M	1354775
75	100	NDW280M	873405	NDW315M	1251785	NDW315LX	1491460
90	120	NDW315S	1088885	NDW315LX	1388020	NDW315LX	1764005
110	150	NDW315M	1258145	NDW315LX	1647440	NDW355LX	1878810
125	170	NDW315LX	1383900	NDW315LX	1788990	NDW355LX	2089880
132	180	NDW315LX	1458730	-	-	-	-
150	200	NDW315LX	1655065	NDW355LX	1917850	NDW355LX	2300230
160	215	NDW315LX	1690750	NDW355LX	2045675	NDW355LX	2330600
180	240	NDW355L	1788760	NDW355LX	2173495	NDW400LX	3784430
200	270	NDW355L	1987485	NDW355LX*	2354645	NDW400LX	4204580
225	300	NDW355LX	2094325	NDW400LX	4619160	NDW400LX *	4730150
250	335	NDW355LX	2120285	NDW400LX	5132350	NDW450LX*	7075435
275	370	NDW355LX	2248585	NDW400LX	5645615	NDW450LX*	7782980
300	402	NDW400LX	4278140	NDW400LX	6158735	NDW450LX*	8561280
315	436	NDW400LX	4492045	NDW400LX	6672005	NDW450LX*	9417440
350	470	NDW400LX	4991140	NDW450LX*	7133325	NDW450LX*	10170825
370	500	NDW400LX *	-	NDW450LX*	7846665	NDW450LX*	10984465
450	600	-	-	NDW450LX*	8631360	NDW450LX*	11863245

**These are suitable for temperature rise limited to class F.
Standard Paint Shade -631 (IS 5) Light Green.*



SCREEN PROTECTED DRIP PROOF SLIP RING INDUCTION MOTORS

Enclosure conforming 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 IS12615 / IS/IEC 60034

SPDP SLIPRING MOTORS

OUTPUT Rating		4 Pole / 1500 RPM		6 Pole / 1000 RPM		8 Pole / 750 RPM	
KW	HP	Frame	List Price	Frame	List Price	Frame	List Price
3.7	5	-	-	-	-	CW160M	155880
5.5	7.5	-	-	CW160M	152735	CW160L	166010
7.5	10	CW160M	153630	CW160L	178205	CW180M	229025
11	15	CW160L	171135	CW180M	228950	CW180L	268175
15	20	CW180M	227415	CW180L	252285	CW200M	331790
18.5	25	CW180M	233510	CW200M	342110	CW200L	348880
22	30	CW180L	251015	CW200L	357105	CW225M	459195
30	40	CW200M	320385	CW225M	454155	CW225M	509725
37	50	CW200L	348320	CW225M	487470	CW250S	642810
45	60	CW225M	425250	CW250S	633470	CW250M	737875
55	75	CW250S	573260	CW250M	706205	CW280S	895390
75	100	CW250S	601940	CW280S	859460	CW280M	977960
90	120	CW250MX	733765	CW280M	1026995	CW315S*	1495225
110	150	CW280M	820265	CW315S*	1439950	CW315MX*	1618015
125	170	CW280MX*	1019140	CW315MX*	1615225	CW355L	1419205
132	180	CW280MX*	1284135	CW315MX*	1657600	CW355L	1498635
150	200	CW315S*	1501470	CW315MX*	1810970	CW355L	1860750
160	215	CW315M*	1578675	CW315MX*	1837005	CW355L	2096315
180	240	CW315MX*	1747615	CW355L	On Request	CW355L	2218745
200	270	CW315MX*	2017005	CW355L	On Request	CW355L	2400755
225	300	CW315MX*	2018660	CW355L	On Request -	CW400LX	3686705
250	335	CW355L	On Request	CW355L	On Request	CW400LX	3868160
275	369	CW355L	On Request	CW355L	On Request	-	-
300	402	CW355L	On Request	CW400LX	On Request	-	-
325	435	CW355L	On Request	CW400LX	On Request	-	-
350	470	CW355L	On Request	-	-	-	-

OUTPUT Rating		10 Pole / 600 RPM	
KW	HP	Frame	List Price
110	150	CW315MX*	1867480
125	170	CW355L	2409880
150	200	CW355L	2747165
160	215	CW355L	2868320
180	240	CW355L	2990835
200	270	CW400LX	3463225
225	300	CW400LX	3826495

Motors are with Roller bearing as inbuilt feature from frame 225 and above
Positions of Terminal Box on RHS when viewed from DE
Standard Paint Shade : 631 (IS 5) Light Green



Smart solutions.
Strong relationships.



Output 0.17 kW to 116 kW
Pole 4 / 6 / 8 / 10
Frame 63 - 315

Crane Duty Motors



TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE CRANE DUTY MOTORS

MOUNTING: FOOT

VOLTAGE : 415 V ± 10%

FREQUENCY : 50Hz ± 5%

COMBINED : 10% (ABSOLUTE SUM)

AMBIENT : 50°C

PROTECTION :IP55

RATING : S3 / S4

(AS PER IS/IEC 60034-1, IS1231, IS2223)

DUTY : INTERMITTENT

INSULATION : CLASS F, TEMP RISE-
CLASS B

40% CDF , 150 Starts stops per Hr

TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE CRANE DUTY MOTORS

OUTPUT Rating		4 Pole / 1500 RPM
KW	HP	Frame
0.25	0.34	GD63
0.55	0.75	GD71
0.75	1	ND80
1.1	1.5	ND80
1.5	2	ND90S
2.2	3	ND90L
3.7	5	ND100L
5.5	7.5	ND112M
7.5	10	ND132S
9.3	12.5	ND132M
11	15	ND160M
15	20	ND160M
18.5	25	ND160L
22.5	30	ND180M
27	36	ND180L
37	50	ND200L
40	53.33	ND225S

OUTPUT Rating		6 Pole / 1000 RPM
KW	HP	Frame
0.17	0.23	GD63
0.37	0.5	GD71
0.55	0.75	ND80
0.75	1	ND80
1.1	1.5	ND90S
1.5	2	ND90L
2.2	3	ND100L
3.7	5	ND112M
5.5	7.5	ND132S
7.5	10	ND132M
9.3	12.5	ND160M
11	15	ND160L
15	20	ND160L
18.5	25	ND180L

OUTPUT Rating		8 Pole / 750 RPM
KW		Frame
0.55	0.75	ND90S
0.75	1	ND90L
1.1	1.5	ND100L
1.5	2	ND112M
2.2	3	ND132S
3.7	5	ND160M
5.5	7.5	ND160M
7.5	10	ND160M
9.3	12.5	ND160L
10	13.4	ND180M
12	16	ND180L

*Position of terminal box RHS when viewed from DE for
Standard paint shade : RAL 7034 (Yellow Grey)*

Kindly Refer Enquiries to CG Office / Division for Price



TOTALLY ENCLOSED FAN COOLED SLIPRING CRANE DUTY MOTORS

MOUNTING : FOOT

VOLTAGE : 415 V ± 10%

FREQUENCY: 50Hz ± 5%

COMBINED :10% (ABSOLUTE SUM)

AMBIENT : 50°C

PROTECTION : IP55

RATING : S3 / S4 (AS PER IEC 60034)

DUTY :INTERMITTENT

INSULATION: CLASS F, TEMP RISE-CLASS B

40%CDF , 150 Starts Stops per Hr

TOTALLY ENCLOSED FAN COOLED SLIPRING CRANE DUTY MOTORS

OUTPUT Rating		6 Pole / 1000 RPM	
KW	HP	Frame	List Price
1.8	2.41	NDW112M	88225
2.6	3.5	DW132S	116165
4.5	6.03	DW132M	138750
6.7	9	NDW160M	157450
9	12.07	NDW160L	194770
13.2	17.5	NDW180L	293050
17.6	23.6	NDW200L	385270
24.6	33	NDW225S	476480
30.5	41	NDW225M	587995
36	48.28	NDW250S	734960
42	56	NDW250M	887015
53.5	72	NDW280S	975725
66.5	89	NDW280M	1140425
93	126	NDW315S	1363380
116	156	NDW315M	1545830

OUTPUT Rating		8 Pole / 750 RPM
KW	HP	Frame
1.7	2.3	DW132S
2.5	3.4	DW132M
4.8	6.4	NDW160M
6.7	9	NDW160L
9.3	11	NDW180L
13.5	18	NDW200L
20.2	27.2	NDW225S
26	35	NDW225M
31.5	42.2	NDW250S
37	50	NDW250MX
48	64	NDW280S
59	79	NDW280M
72	96	NDW315S
86	115.3	NDW315M

OUTPUT Rating		10 Pole / 600 RPM
KW	HP	Frame
15	20	NDW225S
18.5	25	NDW225M
22	30	NDW250M
38	51	NDW280S
46.5	62	NDW280M
60	80	NDW315S
66	88	NDW315M

Kindly Refer Enquiries to CG Office / Division for Price

Terminal position in on TOP as a standard for this series

On Request T/B position can be given on LHS/RHS (Not applicable for DW132S & DW132M)

Standard Paint Shade : RAL7034 (Yellow Grey)

For other ratings, please refer pricing guideline section



Smart solutions.
Strong relationships.



Output 0.75 kW to 45 kW

Pole 4 / 6

Frame 90 - 225

Textile / Ginning Motors



TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE INDUCTION MOTORS FOR TEXTILE APPLICATIONS

Enclosure conforming 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 IS12615 / IS/IEC 60034 with clean flow construction.

FOR LOOM / WEAVING APPLICATION (TE) / TB ON RHS

OUTPUT Rating		6 Pole / 1000 RPM		8 Pole / 750 RPM	
KW	HP	Frame	List Price	Frame	List Price
0.75	1	NR90L	19165	R112M	24910
1.1	1.5	R112M	22300	R112M	32805
1.5	2	R112M	25590	R132S	34825

CARD APPLICATION (TE) / TB ON TOP

OUTPUT Rating		6 Pole / 1000 RPM	
KW	HP	Frame	List Price
0.75	1	NR90L	18560
1.1	1.5	R112M	34220
1.5	2	R112M	41590

GINNING APPLICATION (TEFC) / TB ON RHS

OUTPUT Rating		4 Pole / 1500 RPM	
KW	HP	Frame	List Price
2.2	3	ND100L	28170
3	4	ND112M	32990
3.7	5	ND132S	40585
5.5	7.5	ND132S	50580
7.5	10	ND132M	57745

**RING FRAME, TEXTILE MOTOR : TB TOP, AMBIENT :45°C, RISE 75°C , IS12615 / IS/IEC 60034
ROLLER BEARING AT DE FOR 160 FR. AND ABOVE TO SUSTAIN HIGHER RADIAL LOAD**

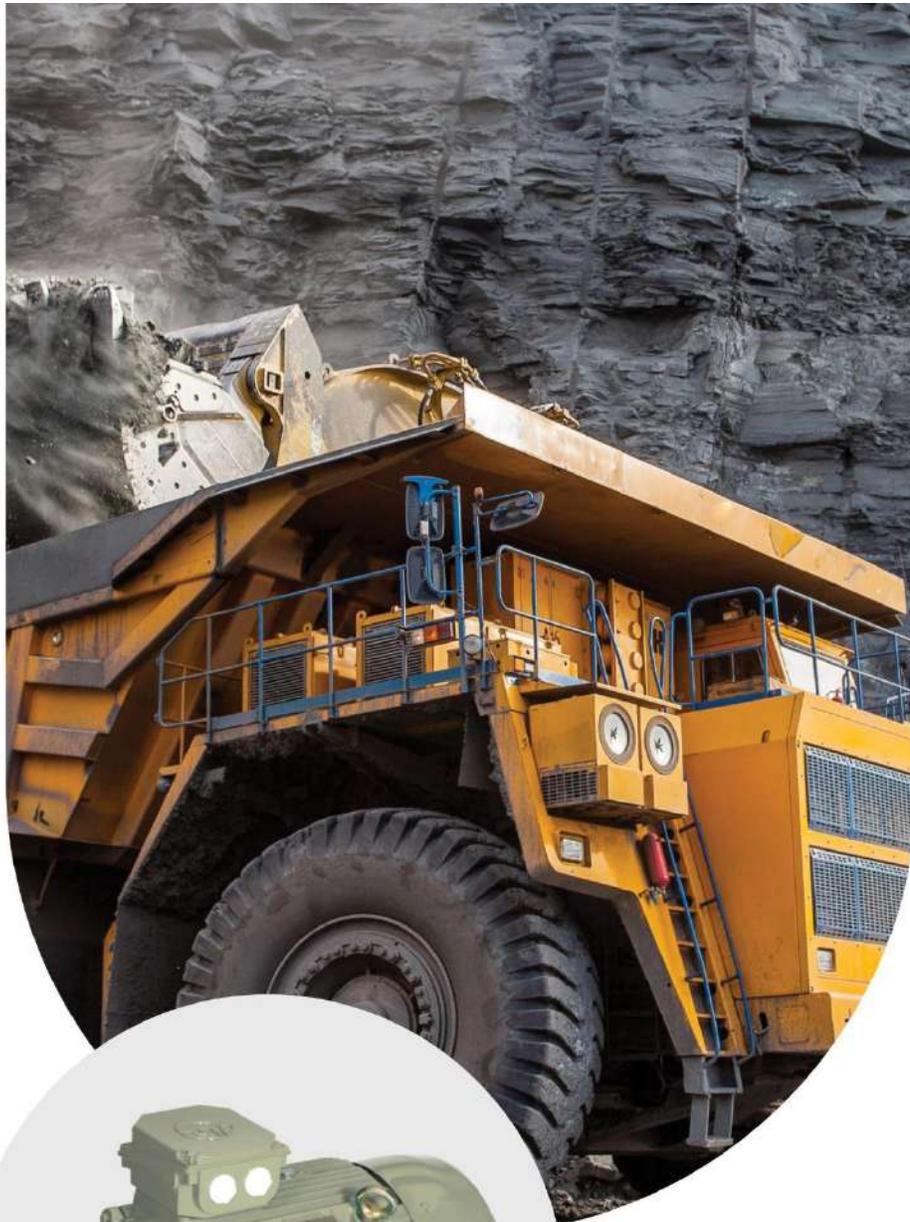
OUTPUT Rating		4 Pole / 1500 RPM	
KW	HP	Frame	List Price
3.7	5	ND112M	42490
5.5	7.5	ND132S	58190
7.5	10	ND132M	68180
9.3	12.5	ND160M	107600
11	15	ND160M	110965
13	17.5	ND160L	134190
15	20	ND160L	137930
18.5	25	ND180M	194170
22	30	ND180L	206855
30	40	ND200L	279060
37	50	ND225S	358790
45	60	ND225M	434890

OUTPUT Rating		6 Pole / 1000 RPM	
KW	HP	Frame	List Price
3.7	5	ND132S	61940
5.5	7.5	ND132M	69085

Standard Paint Shade : RAL7034 (Yellow Grey)



Smart solutions.
Strong relationships.



Output 45 kW to 250 kW

Pole 4 / 6

Frame 225 - 355

Crusher Application Motors



TOTALLY ENCLOSED FAN COOLED CRUSHER DUTY MOTORS

MOUNTING : FOOT
 VOLTAGE: 415 V ± 10%
 FREQUENCY : 50Hz ± 5%
 AMBIENT : 50°C

PROTECTION :IP55
 RATING: S1
 DUTY : Continuous
 INSULATION : CLASS F, TEMP RISE-CLASS B
 Efficiency Class : IE2

Crusher Duty

OUTPUT Rating		4 Pole / 1500 RPM		6 Pole / 1000 RPM	
KW	HP	Frame	List Price	Frame	List Price
45	60	ND225M	343940	-	-
55	75	ND250MX	472680	ND280M	651930
75	100	ND280S	575270	ND315S	796195
90	120	ND280M	670060	ND315M	996290
110	150	ND315S	830460	ND315M	1110935
125	175	ND315M	946070	ND315L	1210880
132	180	ND315M	973075	ND315LX	1296870
160	215	ND315LX	1141700	ND315LX	1350345
180	240	ND315LX	1214345	ND355LX	1489315
200	270	ND315LX	1385935	ND355LX	1601420
225	300	ND355LX	1643560	ND355LX	1649500
250	335	ND355LX	1691275	ND355LX	1763640

Non-Std Features

EN24 Shaft

Roller bearing at DE (for 4 & 6 Pole)

Space Heater (280 Frame & Above)

PTC150C-3 Nos (280 Frame & Above)

VPI & Epoxy gel coat on overhang

Standard Paint Shade : RAL7034 (Yellow Grey)



Smart solutions.
Strong relationships.



Output 0.37 kW to 45 kW
Pole 4 / 6
Frame 80 - 225

Brake Motors



Kibosh
Brake Motor

TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE DC BRAKE MOTORS

MOUNTING : FOOT
VOLTAGE : 415 VOLTS ± 10%
FREQUENCY : 50Hz ± 5%

COMBINED : 10% (ABSOLUTE SUM)
AMBIENT : 50°C

EFFICIENCY : IE2
PROTECTION : IP55
DUTY : S1
INSULATION : CLASS F,
TEMP RISE-CLASS B
BRAKE TYPE : DC

Brake - KIBOSH Series (CI)

OUTPUT Rating		4 Pole / 1500 RPM			6 Pole / 1000 RPM		
KW	HP	Frame	Brake Size	List Price	Frame	Brake Size	List Price
0.37	0.5	-	-	-	NG80	8	35275
0.55	0.75	NG80	8	34455	NG80	8	35670
0.75	1	NG80	8	34565	NG90S	10	46010
1.1	1.5	NG90S	10	44935	NG90L	10	47725
1.5	2	NG90L	10	46440	NG100L	12	56485
2.2	3	NG100L	12	55740	NG112M	14	63000
3	4	NG100L	12	56955	NG132S	16	88040
3.7	5	NG112M	14	64180	NG132S	16	90045
5.5	7.5	NG132S	16	87175	NG132M	16	95260
7.5	10	NG132M	16	94230	ND160M	18	153215
9.3	12.5	NG132M	16	112860	ND160L	20	190165
9.3	12.5	ND160M	18	112860	-	-	-
11	15	ND160M	20	150745	ND160L	20	195245
15	20	ND160L	20	192025	ND180L	25	290610
18.5	25	ND180M	25	283415	ND200L	25	351740
22	30	ND180L	25	298585	ND200L	25	367090
30	40	ND200L	25	371095	ND225M	25	On Request
37	50	ND225S	25	On Request	-	-	-
45	60	ND225M	25	On Request	-	-	-

ALP for Separate Brakes for Brake Motors - refer special feature
Standard Paint Shade : RAL7034 (Yellow Grey)



TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE DC BRAKE MOTORS

AMBIENT : 50°C	PROTECTION : IP55
MOUNTING : FOOT	EFFICIENCY : IE2
VOLTAGE : 415 VOLTS ± 10%	RATING : S1
FREQUENCY : 50Hz ± 5%	INSULATION : CLASS F, TEMP RISE-CLASS B
COMBINED : 10% (ABSOLUTE SUM)	BRAKE TYPE : DC
APPLICABLE STANDARDS : IS/IEC 60034-30-1, IS 12615 : 2018; IS1231, IS2223	

Brake - KIBOSH Series (Aluminium Series)

OUTPUT Rating		4 Pole / 1500 RPM			6 Pole / 1000 RPM		
KW	HP	Frame	Brake Size	List Price	Frame	Brake Size	List Price
0.37	0.5	GD71	6	30020	GD80	8	34135
0.55	0.75	GD80	8	33350	GD80	8	34525
0.75	1	GD80	8	33455	GD90S	10	44510
1.1	1.5	GD90S	10	43430	GD90L	10	46190
1.5	2	GD90L	10	44935	GD100L	12	54665
2.2	3	GD100L	12	59925	GD112M	14	60960
3.7	5	GD112M	14	62110	GD132S	16	87105
5.5	7.5	GD132S	16	93730	GD132M	16	102420
7.5	10	GD132M	16	101275	-	-	-

ALP for Separate Brakes for Brake Motors - refer special feature

Standard Paint Shade : RAL7034 (Yellow Grey)

HTERS



Smart solutions.
Strong relationships.



Output 5.5 kW to 110 kW

Pole 2

Frame 112 - 280

Fire Fighting & UL Listed Motors



TOTALLY ENCLOSED FAN COOLED FIRE FIGHTING MOTORS

MOUNTING : FOOT	PROTECTION : IP55
VOLTAGE : 415 VOLTS ± 10%	RATING : S1
FREQUENCY : 50Hz ± 5%	DUTY : Continuous
COMBINED : 10% (ABSOLUTE SUM)	INSULATION : CLASS F, TEMP RISE-CLASS F
AMBIENT : 50°C	PAINT : RED

FIRE FIGHTING Series

FIRE FIGHTING	
FF Catref	Frame
5.50KNE2-FF	ND112M
9.30KNE2-FF	ND132M
11KNE2-FF	ND132M
15KE2-FF	ND132M
15KE2-FF	ND160M
22KE2-FF	ND160L
26KE2-FF	ND160L
30KE2-FF	ND180L
37KE2-FF	ND200L
45KE2-FF	ND200L
55KE2-FF	ND225M
60KE2-FF	ND225M
67KE2-FF	ND225M
75KE2-FF	ND250MX
90KE2-FF	ND280M
110KE2-FF	ND280M
125KE2-FF	ND280M
160KE2-FF	ND315M
180KE2-FF	ND315L
200KE2-FF	ND315L
250KE2-FF	ND315L

FIRE FIGHTING		
KW	HP	Frame
11	15	C160M
15	20	C160M
18.5	25	C160L
22	30	C160L
30	40	C180M
37	50	C180L
45	60	C200M
55	75	C200L
75	100	C225M
90	120	C250S
110	150	C250M
125	170	C280M
132	180	C280M
150	200	C315S
160	215	C315S
180	240	C315M

Kindly Refer enquires to CG Office / Division for Price

Temp.Rise will be Limited to F class

For Ratings apart from above kindly contact division



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

Squirrel cage Induction Motors with Enclosure conforming 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" altitude less than 1000 m above m.s.l. Performance Efficiency values are conforming to IS12615 / IS/IEC 60034

UL Listed Motors - IE2

OUTPUT Rating		2 Pole / 3000 RPM		4 Pole / 1500 RPM		6 Pole / 1000 RPM		8 Pole / 750 RPM	
KW	HP	Frame	List Price	Frame	List Price	Frame	List Price	Frame	List Price
0.37	0.50	-	-	-	-	-	-	ND90S	20720
0.55	0.75	-	-	-	-	-	-	ND90L	22685
0.75	1.00	ND80	16070	ND80	16680	ND90S	20145	ND100L	27870
1.10	1.50	ND80	17425	ND90S	20610	ND90L	22045	ND100L	33920
1.50	2.00	ND90S	20005	ND90L	24945	ND100L	31735	ND112M	39285
2.20	3.00	ND90L	25695	ND100L	29695	ND112M	33850	ND132S	51985
3.70	5.00	ND100L	31845	ND112M	37635	ND132S	52665	ND160M	80885
4.00	5.50	ND112M	43000	-	-	-	-	-	-
5.50	7.50	ND132S	54240	ND132S	52235	ND132M	64785	ND160M	101090
7.50	10.00	ND132S	58885	ND132M	56130	ND160M	98845	ND160L	128135
9.30	12.50	ND132M	85785	NG132M	81670	-	-	-	-
9.30	12.50	ND160M	99240	ND160M	99765	ND160L	107675	ND180M	166630
11	15	ND160M	104745	ND160M	100700	ND160L	121630	ND180L	175715
15	20	ND160M	112575	ND160L	124310	ND180L	158865	ND200L	247360
18.5	25	ND160L	144590	ND180M	159040	ND200L	226795	ND225S	317435
22	30	ND180M	162480	ND180L	174145	ND200L	244175	ND225M	381645
30	40	ND200L	238525	ND200L	240280	ND225M	348990	ND250M	515210
37	50	ND200L	289570	ND225S	280950	ND250M	469250	ND280S	671890
45	60	ND225M	372665	ND225M	340540	ND280S	562035	ND280M	776370
55	75	ND250MX	501690	ND250MX	467925	ND280M	645415	ND315S	940700
75	100	ND280S	626460	ND280S	569545	ND315S	788285	ND315M	1168100
90	120	ND280M	722720	ND280M	663375	ND315M	986310	ND315L	1324235
110	150	ND315S	933980	ND315S	822160	ND315M	1099850	ND315LX	1401890
125	170	ND315M	1095915	ND315M	936585	ND315LX	1198790	ND315LX	1540255
132	180	ND315M	1147890	ND315M	963345	ND315LX	1283920	ND315LX	1624175
160	215	ND315LX	1257455	ND315LX	1130290	ND315LX	1336860	ND355LX	1887050
180	240	ND315LX	1323705	ND315LX	1202185	ND355LX	1474435	ND355LX	1936095
200	270	ND315LX	1468070	ND315LX	1372100	ND355LX	1585430	ND355LX	2074060
225	300	ND355LX*	1653075	ND355LX	1578060	ND355LX	1632975	ND355LX	2946825
250	335	ND355LX*	1693065	ND355LX	1674360	ND355LX	1746010	-	-
275	370	ND355LX*	1740890	ND355LX	1830320	ND355LX*	2122170	-	-
315	425	ND355LX*	1782710	ND355LX*	1964570	ND355LX*	2627070	-	-
355	473	-	-	ND355LX*	2386725	-	-	-	-
375	500	-	-	ND355LX*	2727265	-	-	-	-

**These are suitable to temperature rise limited to class F.*

For other ratings please contact nearest CG Office

Standard Paint Shade : RAL7034 (Yellow Grey)

For UL Listed Fire Fighting Motors, contact nearest branch office.



TOTALLY ENCLOSED FAN COOLED MOTORS FOR COMPRESSOR APPLICATION

MOUNTING	: FOOT	PROTECTION	: IP55
VOLTAGE	: 415 VOLTS ± 10%	RATING	: S1
FREQUENCY	: 50Hz ± 5%	DUTY	: Continuous
COMBINED	: 10% (ABSOLUTE SUM)	INSULATION	: CLASS F, TEMP RISE-CLASS F
AMBIENT	: 50°C	SERVICE FACTOR	: 1.2

COMPRESSOR SERIES

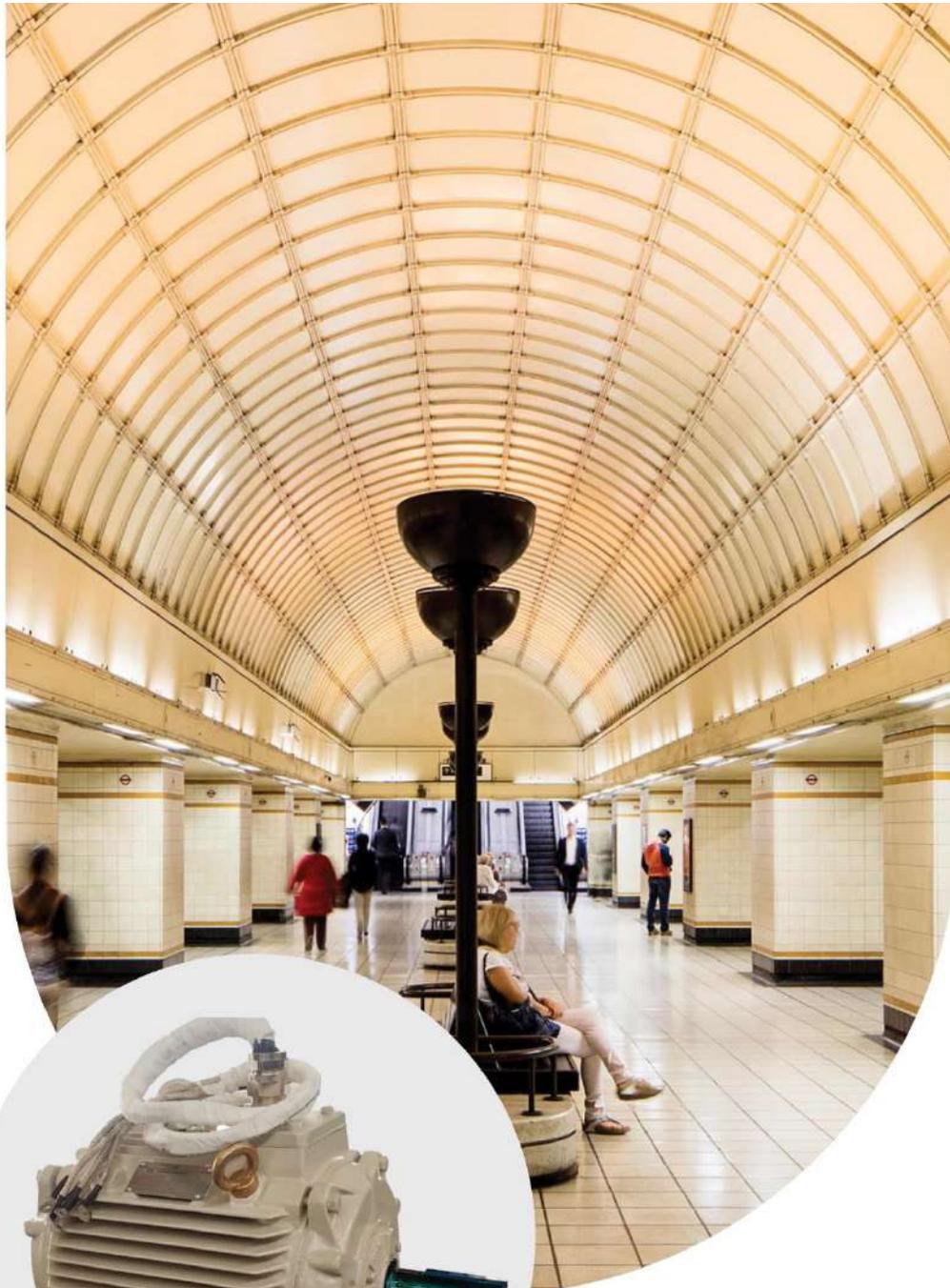
COMPRESSOR SERIES			
kW	Pole	Frame	LIST PRICE
7.5	2	NG132M	87395
11	2	PC132M	104775
15	2	ND160L	122090
22	2	ND160L	156005
30	2	ND200L	304345
37	2	ND200L	320335
45	2	ND200L	356210
55	2	ND250MX	511425
75	2	ND250MX	538570
150	2	ND315LX	1332425
11	4	ND160M	137400
15	4	ND160L	151140
18.5	4	ND180L	191055
22	4	ND180L	233410
55	4	ND250MX	594440
75	4	PC250M	667455
90	4	ND280M	786465
132	4	ND315LX	1292040
160	4	ND315LX	1476615
200	4	ND355LX	1907300

Temperature rise will be limited to F class

For Ratings apart from above kindly contact division



Smart solutions.
Strong relationships.



Output 0.55 kW to 37 kW

Pole 2 / 4 / 6 / 8

Frame 80 - 200

Smoke Extraction Motors



TOTALLY ENCLOSED AIR OVER SMOKE EXTRACTION MOTORS

MOUNTING : FOOT	PROTECTION : IP55
VOLTAGE : 415 VOLTS ± 10%	RATING : S1/S2
FREQUENCY : 50Hz ± 5%	Temperature : 300°C – 2Hrs / 250°C – 2Hrs
Paint: RAL7032 (PEBBLE GREY)	Insulation : H Class
CI B3 IE2 TEAO ND Series Motor. T.BOX at TOP and 1m Flying leads	

Smoke Extraction Motors

OUTPUT Rating		2 Pole / 3000 RPM
KW	HP	Frame
0.75	1	ND80
1.1	1.5	ND80
1.5	2	ND90S
2.2	3	ND90L
3.7	5	ND100L
5.5	7.5	ND132S
7.5	10	ND132S
18.5	25	ND160L
22	30	ND180M
30	40	ND200L
37	50	ND200L

OUTPUT Rating		6 Pole / 1000 RPM
KW	HP	Frame
0.75	1	ND90S
1.1	1.5	ND90L
1.5	2	ND100L
2.2	3	ND112M
3.7	5	ND132S
5.5	7.5	ND132M
7.5	10	ND160M
11	15	ND160L
15	20	ND180L
18.5	25	ND200L
22	30	ND200L

OUTPUT Rating		4 Pole / 1500 RPM
KW	HP	Frame
0.55	0.75	ND80
0.75	1	ND80
1.1	1.5	ND90S
1.5	2	ND90L
2.2	3	ND100L
3.7	5	ND112M
5.5	7.5	ND132S
7.5	10	ND132M
11	15	ND160M
15	20	ND160L
18.5	25	ND180M
22	30	ND180L
30	40	ND200L

Note : Kindly Refer enquires to CG Office / Division for Price



Smart solutions.
Strong relationships.



Output 5 kVA to 2250 kVA

Pole 2 / 4

Frame 132 - 500

Alternators



CG Alternator -Brushless Type--1500 RPM

Screen Protected Drip Proof with enclosure conforming to protection IP23 ,Hor Foot Mounted(B3) ,1500 RPM , 4 Pole , 0.8 PF (lag) , Volt Regulation +/-1% , Single Bearing suitable for operations upto 40 Deg C Amb Temp& 1000 mtr altitude

3 PHASE - 415V		
KVA	FRAME	List Price
5.0	G1R132MR	80585
7.5	G1R160C1F	83695
10.0	G1R160C1E	89780
12.5	G1R160C2A	95720
15.0	G1R160C2B	103935
20.0	G1R160C3B	121625
25.0	G1R160C4C	138550
30.0	G1R160C5A	157390
35.0	G1R200SE	170150
40.0	G1R200SE	184200
45.0	G1R200SA	201295
50.0	G1R200SB	208950
62.5	G1R200SC	245760
63.0	G1R200SC	245760
75.0	G1R200MB	269950
82.5	G1R200MD	275615
90.0	G1R200MDX	325080
100.0	G1R250SB	326195
110.0	G1R250SD	344660
125.0	G1R250SD	359650
140.0	G1R250MA	395130
160.0	G1R250MB	429395
180.0	G1R250LB	451660
200.0	G1R250LD	481160
225.0	G1R315SE	538495
250.0	G1R315SE	579885
275.0	G1R315SA	617920
300.0	G1R315SB	660845
320.0	G1R315SB	696850
380.0	G1R315MB	800925
400.0	G1R355SB	871395
415.0	G1R355SB	873495
437.5	G1R355SE	880875
450.0	G1R355SE	927015
500.0	G1R355SE	1010140
550.0	G1R355ME	1076460
600.0	G1R355MA	1169970
625.0	G1R355MA	1188255
650.0	G1R355MB	1326795
680	G1R400SB	1758375

1 PHASE - 240V		
KVA	FRAME	List Price
5.0	G1R160C1F	81740
7.5	G1R160C1E	93800
10.0	G1R160C2A	104770
12.5	G1R160C3B	122185
15.0	G1R160C4C	138295
17.5	G1R160C5C	150325
20.0	G1R160C5A	158125
25.0	G1R200SF	186540
30.0	G1R200SA	205280
35.0	G1R200SC	232930
40.0	G1R200SD	253410
45.0	G1R200MB	287670
50.0	G1R200MD	321970
63.0	G1R250SD	388420
82.5	G1R250LB	469525

3 PHASE - 415V		
KVA	FRAME	List Price
750.0	G1R400SC	1781275
1010.0	G1R400MA	2125295
1250.0	G1R400MB	2466970
1400.0	G1R450SB	3127705
1500.0	G1R450SC	3162660
1750.0	G1R450MA	4120610
1900.0	G1R450MB	4185975
2000.0	G1R450LA	4282040
2250.0	G1R450LB	4595785



CG Alternator -Brushless Type--3000 RPM

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

3 PHASE - 415V		
KVA	FRAME	List Price
5	G1R132MR/2	82470
7.5	G1R132MA/2	83660
10	G1R132MC/2	87715
12.5	G1R160S1A/2	93555
15	G1R160S1A/2	103935
20.0	G1R160SB/2	121625
25	G1R160SC/2	138550
30	G1R160MA/2	157390

1 PHASE - 240V		
KVA	FRAME	List Price
5	G1R132MR/2	81700
6.0	G1R132MA/2	86840
7.5	G1R132MC/2	93800
10.0	G1R160S1A/2	103800
12.5	G1R160SB/2	122225
15.0	G1R160SC/2	138295



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 - 415V		
KVA	FRAME	List Price
12.5	G2R160SB	122010
15.0	G2R160SB	134630
20.0	G2R160MC	218810
25.0	G2R160M2A	244010
30.0	G2R200SE	269250
35.0	G2R200SE	279810
40.0	G2R200SB	290335
50.0	G2R200SC	311445
63.0	G2R200MB	313125
75.0	G2R250SB	370245
100.0	G2R250SD	427440
110.0	G2R250MA	449490
125.0	G2R250MB	476205
145.0	G2R250LB	517030
160.0	G2R250LD	557825
180.0	G2R315SE	611980
200.0	G2R315SE	666160



CG Alternators - Slip Ring Type USTAD Series ---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 +/-5%, Double Bearing suitable for operations upto 40 Deg C Ambient Temperature & 1000 mtr altitude

3 PHASE - 415V		
KVA	FRAME	List Price
5	G2S132MR	52090
6.5	G2S132MR	52515
8	G2S132MA	66460
10.0	G2S132MC	74295
12.5	G2S132MD	81880
15.0	G2S160S1B	87920
20	G2S160SC	119490
25.0	G2S160MC	130610
30	G2S160M2R	146685
32.5	G2S160M2R	150535
35	G2S200SE	159000
40.0	G2S200SE	169515
45	G2S200SB	188780
50.0	G2S200SB	194265
63	G2S200SD	229610
75.0	G2S200MD	256560
82.5	G2S200MD	266000

1 PHASE - 240V		
KVA	FRAME	List Price
5	G2S132MA	59995
6	G2S132MC	68345
7.5	G2S160S1E	74360
10	G2S160S1B	84575
12.5	G2S160SC	103515
15	G2S160MC	122045
20	G2S200SE	165495

UPF ALTERNATORS		
1 PHASE - 240V		
KVA	FRAME	List Price
5	G2S132MA	62405
6	G2S132MC	69785
7.5	G2S132MD	74360
10	G2S160S1E	84575
15.0	G2S160S1B	116520



CASH EXTRA FOR SPECIAL FEATURES : ALTERNATORS

1) Additional prices for accessories

Frame	132	160	200	250	315	355	400SC	400MA/E/B	450
SCM Aux Winding	Not Offered	2640/-	6600/-	STD	STD	STD	STD	STD	STD
Spaceheater	Not Offered	3300/-	4400/-		6600/-	7920/-		STD	STD
RTD (2 per phase)	Not Offered			11000/-	22000/-			STD	STD
Thermister	Not Offered		14850/-			18150/-			
BTD Rs. Each	Not Offered				11000/-			STD	STD
Digital AVR	Not Offered				209000/-				
Digital AVR + 1 Auto on plate	Not Offered				319000/-				
External PMG	Not Offered				44000/-				
Supply side CT's	Not Offered		5500/-		11000/-		22000/-		
No Of leads : 12	Not Offered	5% on Net							
Special Voltage	Not Offered	5% on Net							
Marine treatment	2% on Net					5% on Net			
Epoxy Paint	5500/-		6600/-		STD	STD	STD	STD	STD
RFI Kit	4800/-								
AVR filter	5500/-								
AVR droop CT	Not Offered	3850/-				STD	STD	STD	STD
AVR with Analogue input	Not Offered		4400/-	STD	STD	STD	STD	STD	STD

NOTE :

- RTD , BTD, Space Heaters are without controls.
- DC Injection Parallel operation Facility standard from 100 kVA And Above
- Droop CT facility 100 kVA to 380 kVA and 400 kVA to 2250 kVA Factory fitted CT
- For supply side CT's ,customer to specify rating of the CT's
- Upto 250 Frame alternators are with AL shell construction



2) Inspection Charges					
Type Test	6600/-	10560/-	13200/-	16500/-	22000/-
Routine Test	2640/-	5280/-		6600/-	8800/-
* Type Test :Upto 355 Frame direct loading method and 400/450 Frame indirect loading method. Before Offering Get the QAP for Type test and routine test . Indirect loading method testing without regulation and dip and rise test.					
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) GST 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) For 2P Alternators - contact division before taking the order .				
	9)The list prices are maximum recommended prices. However, prices lower than this can be charged.				
	10) The list prices are subject to change without prior notice.				



Smart solutions.
Strong relationships.



Output 0.75 kW to 710 kW

Pole All RPMs

Frame 100 - 550

DC Motors



Laminated Yoke DC Motors :: Screen protected Drip Proof with enclosure conforming 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

LAMINATED YOKE DC MOTORS		
KW	ASBG Frame	List Price
2.2	100S	67115
3.7	100M	70905
5.5	100L	81435
On enquiry	112S	106425
7.5	112M	109990
On enquiry	112L	121735
11.0	132S	123950
15.0	132M	146370
22.5	132L	161320
30.0	160A	253915
40.0	160S	281580
50.0	160M	318350
56.0	160M	334740
60.0	160L	365115
On enquiry	180A	381065
75.0	180S	440360
100.0	180M	466995
On enquiry	200A	504975
115.0	200S	552740
On enquiry	200SX	634125
150.0	200M	691705
On enquiry	225A	732075
180.0	225S	819500
On enquiry	225SX	905640
225.0	225M	937545
On enquiry	250A	1058635
295.0	250S	1157905

SOLID YOKE DC MOTORS	
Frame Size	List Price
AES160U	240710
AES160A	260665
AES160S	312320
AES160M	377965
AFS180U	278550
AFS180A	308360
AFS180S	358085
AFS180M	423690
AFS180SPL-S	428830
AFS180SPL-M	459495
AFS180SPL-L	470415
AFS180SPL-X	530890
AFS225S	570870
AFS225M	696200
AFS225L	765810
AFS225LX	885785
AFS225X	879175
AFS250S	973315
AFS250M	1027115
AFS250L	1039000
AFS280A	1074160
AFS280S	1129845
AFS280M	1296875
AFS315SX	1646770
AFS315S	1776995
AFS315M	1866735
AFS315L	1968010



Laminated Yoke DC Motors :: Screen protected Drip Proof with enclosure conforming to protection IP 23, Horizontal foot mounted (B3), base speed 1500 RPM, Blower cooled (IC06) suitable for operations up to 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

LAMINATED YOKE DC MOTORS		
KW	ASBG Frame	List Price
On enquiry	250SX	1190955
325.0	250M	1219980
On enquiry	250MX	1226370
On enquiry	250L	1260350
400.0	280S	On Request
450.0	280M	On Request
On enquiry	280MX	1548740
On enquiry	280L	1621930
On enquiry	280LX	1689385
On enquiry	280LY	1774385

LAMINATED YOKE DC MOTORS		
KW	ASBG Frame	List Price
On enquiry	315S	1808620
On enquiry	315M	1852630
On enquiry	315L	2039110
On enquiry	315LX	2181395
On enquiry	315LL	2363845
On enquiry	355S	2592480
On enquiry	355M	2627220
On enquiry	355L	2768535
On enquiry	355LX	2920210
On enquiry	400S	2998500
On enquiry	400M	3067430
On enquiry	400L	3332120

Mill Duty DC Motors (Non Split Type)		
Frame Size	List Price	LP(Forced Cooled)
ABS802	510080	599820
ABS803	632440	728330
ABS804	795650	921130
ABS806	1162860	1285230
ABS808	1366830	1542280
ABS810	1570880	1756500
ABS812	2643880	2913150
ABS814	3133460	3448700
ABS816	3639390	3962770



CASH EXTRAS FOR SPECIAL FEATURES

1. Additional Prices for Accessories :

Frame	100-132	160	180	200	225	250	280	315	355	400
Shaft Extn	5% of List Price									
DE Flange	7.5% of List Price				5% of List Price				Not Offered	
RTD	Rs.7700/-					Rs 11000/-			Rs 13200/-	
BTD	Not offered			Rs 13200/-						
Thermisters	RS.2310/-		Rs. 4620/-							
Space Heater	Rs.2200/-		Rs.4400/-							
Blower Filter	Rs. 6600/-			Rs.11000/-		Rs.15400/-				
Non Std Paint	Rs.5500/-		Rs.6600/-					Rs.14850/-		
Cab Glands/Run	Rs.1650/-			Rs.2750/-		Rs.3520/-				

2. Inspection Charges

Routine Test	RS 4400 /-	Rs.8800/-	
Type Test	RS 8800 /-	Rs.17600/-	

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

NOTES:

- 1) List prices are valid for delivery for delivery ex-godown.
- 2) GST 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 & Sale ' .
- 6) For more details contact our nearest office.



TERMS OF SALE

- 1) This price list supersedes all our Pricelist issued before.
- 2) For any extra feature not approved please contact nearest CG sales office and refer spare price list for other accessories and spares
- 3) Delivery: List Prices are ex-works/ex-godown and excluding GST which will be charged extra at actuals.
- 4) 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.
- 5) Prices are in INR rupees
- 6) **Packing and forwarding @1% will be charged extra over net prices.**

General Notes:

- 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 our sales office.

