

Gear Motor & Gear Box Price List

0.12 kW to 180 kW
Output RPM : 0.35 to 560
Output Torque : 60000 Nm



GM-LP-001 w.e.f. March 2017

Range of Gear Motor & Gear Boxes

Motor Type	Frame	Power (kW)	Gear Ratios	Picture
Standard Gear Motors	90 to 280	0.12 to 180 kW	5 to 75	
Brake Gear Motors	90 to 280	0.12 to 45 kW	5 to 75	
Flame-proof Gear Motors	90 to 280	0.12 to 45 kW	5 to 75	
Flame-proof Brake Gear Motors	90 to 280	0.12 to 45 kW	5 to 75	
Gear Motor with Encoder	90 to 280	0.12 to 180 kW	5 to 75	
Energy Efficient Gear Motors (IE2, IE3 & IE4)	90 to 280	0.12 to 45 kW	5 to 75	
Agitator Gear Motors	160 to 280	5.5 to 45 kW	2.5 to 6	
Shaft Mounted Gear Motors	100 to 500	0.12 to 75 kW	5 to 500	
Motor Mount Reducer (MMR)	90 to 280	0.12 to 45 kW	5 to 75	
Inline Gear Reducer	90 to 280	0.12 to 45 kW	5 to 75	
Global Series Motor Mount Reducer	85 to 175	0.12 to 22 kW	5 to 140	
Parallel Shaft Gear Boxes	100 to 750	0.12 to 315 kW	5 to 350	

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Technical Specification

LHP inline helical motorized gear unit with foot or flange mounting suitable for supply condition $415V \pm 10\%$, frequency $50Hz \pm 5\%$, insulation class F, suitable for ambient temperature up to $50^{\circ}C$, gear motor suitable for S1 duty, squirrel cage induction motor conforming to IS:325 / IEC:60034-1. Gear motor suitable for following mounting positions :

- a) Foot Mounting : B3, B6, B7, B8, V5, V6.
- b) Flange Mounting : B5, V1, V3

Notes:

- 1) Mounting and overall dimensions as per LHPL gear motor technical manual.
- 2) Helical Gear Motor will be supplied without gear oil in gear box. Customer to fill the recommended gear oil as per instruction given in maintenance manual up to middle level of oil level indicator.
- 3) Special note for agitator application:
We recommend customer to provide thrust bearing between gear motor output shaft and agitator fan by using suitable supporting stool so that excess radial load is not transferred from agitator fan to motor shaft and thus this will protect the motor bearings.
- 4) For motors with special voltage and frequency, please refer to us with requirement of speed at given frequency.
- 5) For gear motor with non standard speed i.e. speed not covered in the price list, please refer to us.



Hobbing M/C



Heat Treatment Plant

Helical Geared Motors

Service Factor = 1.0 / AGMA = I



Rating		Models		Price in Rs.	
kW	HP	Output Speed (RPM)	Foot Mounting		Flange Mounting
0.12	0.16	560, 460, 380, 310,	LFO1-63P2	LFL1-63P2	16820
		280, 230, 190, 155, 125,100	LFO1-63P4	LFL1-63P4	18490
		84, 68, 56, 45	LFO1-63P4	LFL1-63P4	18490
		37, 30, 25, 20	FO90-63-P4	FL 90-63-P4	18590
		16.5, 13.5,	FO90-63-P4	FL 90-63-P4	18590
		12.5, 10	LFO2T-71-P6	LFL2T-71-P6	24960
0.18	0.25	560, 460, 380, 310,	LFO1-63P2	LFL1-63P2	16820
		280, 230, 190, 155, 125,100	LFO1-63P4	LFL1-63P4	18490
		84, 68, 56, 45	LFO1-63P4	LFL1-63P4	18490
		37, 30, 25, 20	FO90-63-P4	FL 90-63-P4	18590
		16.5, 13.5,	FO90-63-P4	FL 90-63-P4	18770
		12.5, 10	LFO2T-71-P6	LFL2T-71-P6	27240
0.25	0.33	560, 460, 380, 310,	LFO1-71P2	LFL1-71P2	17550
		280, 230, 190, 155, 125,100	LFO1-71P4	LFL1-71P4	18560
		84, 68, 56, 45	LFO1-71P4	LFL1-71P4	18560
		37, 30, 25	FO90-71-P4	FL 90-71-P4	20530
		20	FO100-71-P4	FL100-71-P4	21660
		16.5, 13.5,	LFO2T-71-P4	LFL2T-71-P4	25800
12.5, 10	LFO2T-71-P6	LFL2T-71-P6	34800		
0.37	0.5	560, 460, 380, 310,	LFO1-71P2	LFL1-71P2	17550
		280, 230, 190, 155, 125,100	LFO1-71P4	LFL1-71P4	18560
		84, 68, 56, 45	LFO1-71P4	LFL1-71P4	18560
		37,	FO90-71-P4	FL 90-71-P4	21250
		30, 25, 20	FO100-71-P4	FL100-71-P4	23690
		16.5, 13.5,	FO112-71-P4	FL112-71-P4	31460
12.5, 10	FO112-80-P6	FL112-80-P6	35770		
0.55	0.75	560, 460, 380, 310,	LFO1-71P2	LFL1-71P2	18890
		280, 230, 190, 155, 125,100	LFO1-80P4	LFL1-80P4	19940
		84, 68, 56	LFO1-80P4	LFL1-80P4	19940
		45	LFO2-80P4	LFL2-80P4	24500
		37, 30,	FO100-80-P4	FL100-80-P4	24750
		25, 20	LFO2T-80-P4	LFL2T-80-P4	28820
16.5, 13.5	FO112-80-P4	FL112-80-P4	35520		
12.5, 10	FO132-80-P6	FL132-80-P6	49370		
0.75	1.0	560, 460, 380, 310,	LFO1-80P2	LFL1-80P2	20540
		280, 230, 190, 155, 125,100, 84, 68	LFO1-80P4	LFL1-80P4	20750
		56, 45,	LFO2-80P4	LFL2-80P4	24500
		37	FO100-80-P4	FL100-80-P4	24750
		30, 25, 20	FO112-80-P4	FL112-80-P4	29910
		16.5, 13.5	FO132-80-P4	FL132-80-P4	48990
12.5, 10	FO132-90-P6	FL132-90-P6	52260		
1.1	1.5	560, 460, 380, 310,	LFO1-80P2	LFL1-80P2	23290
		280, 230, 190, 155, 125,100	FO100-90S-P4	FL100-90S-P4	28350
		84, 68, 56,	LFO2-90 P4	LFL2-90 P4	28880
		45, 37, 30	FO112-90S-P4	FL112-90S-P4	32400
		25, 20	FO132-90S-P4	FL132-90S-P4	50230
		16.5, 13.5	FO160-90S-P4	FL160-90S-P4	70220
12.5, 10	FO160-90L-P6	FL160-90L-P6	71590		

Helical Geared Motors

Service Factor = 1.0 / AGMA = I



Rating			Models		Price in Rs.
kW	HP	Output Speed (RPM)	Foot Mounting	Flange Mounting	
1.5	2.0	560, 460, 380, 310,	FO100-90L-P2	FL100-90L-P2	29300
		280, 230, 190, 155, 125, 100	FO100-90L-P4	FL100-90L-P4	29490
		84, 68, 56,	LFO2-90 P4	LFL2-90 P4	29490
		45, 37	FO112-90L-P4	FL112-90L-P4	36340
		30, 25, 20	LFO3T-90L-P4	LFL3T-90L-P4	51900
		16.5, 13.5	FO160-90L-P4	FL160-90L-P4	70220
		12.5, 10	FO180-100-P6	FL180-100-P6	87240
2.2	3.0	560, 460, 380, 310,	FO100-90-P2	FL100-90-P2	30060
		280, 230, 190, 155, 125, 100	LFO2-100-P4	LFL2-100-P4	34340
		84,68	LFO2-100-P4	LFL2-100-P4	38140
		56, 45	LFO3-100-P4	LFL3-100-P4	50450
		37	FO132-100-P4	FL132-100-P4	59550
		30, 25, 20	LFO4T-100-P4	LFL4T-100-P4	60160
		16.5, 13.5	FO180-100-P4	FL180-100-P4	82920
12.5, 10	FO200-112-P6	FL200-112-P6	107770		
3.7	5.0	560, 460, 380, 310,	LFO2-100-P2	LFL2-100-P2	42890
		280, 230, 190, 155, 125	LFO2-112-P4	LFL2-112-P4	43290
		100, 84, 68	LFO3-112 P4	LFL3-112 P4	49420
		56, 45, 37, 30	FO160-112-P4	FL160-112-P4	74710
		25, 20	FO180-112-P4	FL180-112-P4	88330
		16.5, 13.5	FO200-112-P4	FL200-112-P4	111570
		12.5, 10	LFO6T-132-P6	LFL6T-132-P6	142170
5.5	7.5	560, 460, 380, 310,	LFO3-112 P2	LFL3-112 P2	59860
		280, 230, 190,	LFO3-132 P4	LFL3-132 P4	62290
		155, 125,100,84	LFO4-132 P4	LFL4-132 P4	70200
		68, 56	FO160-132-P4	FL160-132-P4	83240
		45, 37, 30	FO180-132-P4	FL180-132-P4	88750
		25	FO200-132-P4	FL200-132-P4	109940
		20, 16.5	LFO6T-132-P4	LFL6T-132-P4	138370
13.5	LFO7T-132P4	LFL7T-132P4	179900		
7.5	10	560, 460, 380, 310	LFO3-132 P2	LFL3-132 P2	69000
		280, 230, 190, 155, 125,100,84	LFO4-132 P4	LFL4-132 P4	80480
		68, 56, 45	FO180-132-P4	FL180-132-P4	98670
		37, 30	FO200-132-P4	FL200-132-P4	118970
		25, 20	FO225-132-P4	FL225-132-P4	162650
		16.5	LFO7T-132P4	LFL7T-132P4	186570
9.3	12.5	560, 460, 380, 310,	LFO4-132P2	LFL4-132P2	79820
		280, 230, 190, 155, 125,100	LFO4-132P4	LFL4-132P4	85130
		84,68	FO180- 132 P4	FL180- 132 P4	103320
		56, 45,	FO200-132-P4	FL200-132-P4	123620
		37, 30	FO225-132 P4	FL225-132 P4	167300
		25, 20	LFO6T-132P4	LFL6T-132P4	150810
		16.5	LFO7T-132P4	LFL7T-132P4	192570

Helical Geared Motors



Service Factor = 1.0 / AGMA = I

Rating			Models		Price in Rs.
kW	HP	Output Speed (RPM)	Foot Mounting	Flange Mounting	
11	15	560, 460, 380, 310,	FO180- 160 P2	FL180- 160 P2	116720
		280, 230, 190, 155, 125, 100	FO 180- 160 P4	FL180- 160 P4	116940
		84,	FO180-160-P4	FL180-160-P4	120940
		68, 56, 45,	LFO5-160 P4	LFL5-160 P4	147500
		37 , 30	FO225-160-P4	FL225-160-P4	170390
		25, 20	LFO6T-160P4	LFL6T-160P4	178060
15	20	560, 460, 380, 310,	FO180- 160P2	FL180- 160P2	121790
		280, 230, 190, 155	FO180- 160P4	FL180- 160P4	126620
		125, 100	LFO5-160 P4	LFL5-160 P4	142080
		84, 68, 56	LFO6-160 P4	LFL6-160 P4	172750
		45	FO225-160 P4	FL225-160 P4	195700
		37,	LFO6T-160P4	LFL6T-160P4	198670
		30,25	LFO7T-160P4	LFL7T-160P4	218710
18.5	25	560, 460, 380, 310,	FO180- 160 P2	FL180- 160 P2	152000
		280, 230, 190, 155, 125	LFO5-180 P4	LFL5-180 P4	166740
		100,84,68,56	LFO6-180 P4	LFL6-180 P4	197410
		45,37	LFO7T-180 P4	LFL7T-180 P4	247070
22	30	560, 460, 380, 310,	LFO5-180 P2	LFL5-180 P2	162890
		280, 230, 190, 155	LFO5-180 P4	LFL5-180 P4	166740
		125,100, 84,	LFO6-180 P4	LFL6-180 P4	204790
		68, 56	LFO7-180 P4	LFL7-180 P4	222220
		45, 37	LFO7T-180 P4	LFL7T-180 P4	255550
30	40	560, 460, 380, 310	LFO6-200 P2	LFL6-200 P2	237240
		280, 230, 190, 155, 125,100	LFO6-200 P4	LFL6-200 P4	246380
		84, 68	LFO7-200 P4	LFL7-200 P4	249800
37	50	560, 460, 380, 310	LFO6-200 P2	LFL6-200 P2	272930
		280, 230, 190, 155,	LFO6-225 P4	LFL6-225 P4	280140
		125, 100, 84	LFO7-225 P4	LFL7-225 P4	285800
45	60	560, 460, 380, 310	LFO7-225 P2	LFL7-225 P2	334460
		280, 230, 190, 155	LFO7-225 P4	LFL7-225 P4	351230



Gear Profile Taster

Helical Geared Motors

Service Factor = 1.4 / AGMA = II



Rating		Models		Price in Rs.	
kW	HP	Output Speed (RPM)	Foot Mounting		Flange Mounting
0.12	0.16	560, 460, 380, 310,	LFO1-63P2	LFL1-63P2	16820
		280, 230, 190, 155, 125,100	LFO1-63P4	LFL1-63P4	18490
		84, 68, 56, 45	LFO1-63P4	LFL1-63P4	18490
		37, 30, 25, 20	FO90-63-P4	FL 90-63-P4	18590
		16.5, 13.5,	FO90-63-P4	FL90-63-P4	18590
		12.5, 10	LFO2T-71-P6	LFL2T-71-P6	24960
0.18	0.25	560, 460, 380, 310,	LFO1-63P2	LFL1-63P2	16820
		280, 230, 190, 155, 125,100	LFO1-63P4	LFL1-63P4	18490
		84, 68, 56, 45	LFO1-63P4	LFL1-63P4	18490
		37, 30, 25, 20	FO90-63-P4	FL 90-63-P4	18590
		16.5, 13.5,	FO100-63-P4	FL100-63-P4	25400
		12.5, 10	FO112-71-P6	FL112-71-P6	34500
0.25	0.33	560, 460, 380, 310,	LFO1-63P2	LFL1-63P2	17550
		280, 230, 190, 155, 125,100	LFO1-71P4	LFL1-71P4	18560
		84, 68,56, 45	LFO1-71P4	LFL1-71P4	18560
		37, 30	FO90-71-P4	FL 90-71-P4	20530
		25,20	FO100-71-P4	FL100-71-P4	25290
		16.5, 13.5,	FO112-71-P4	FL112-71-P4	34220
12.5, 10	FO112-71-P6	FL112-71-P6	35430		
0.37	0.5	560, 460, 380, 310,	LFO1-71P2	LFL1-71P2	17550
		280, 230, 190, 155, 125,100	LFO1-71P4	LFL1-71P4	18690
		84, 68, 56, 45	LFO1-71P4	LFL1-71P4	18690
		37,30	FO100-71-P4	FL100-71-P4	23140
		25, 20	LFO2T-71-P4	LFL2T-71-P4	23750
		16.5, 13.5	FO112-71-P4	FL112-71-P4	34220
12.5, 10	FO112-80-P6	FL112-80-P6	35770		
0.55	0.75	560, 460, 380, 310,	LFO1-71P2	LFL1-71P2	18890
		280, 230, 190, 155, 125,100, 84, 68	LFO1-80P4	LFL1-80P4	20520
		56,45,	LFO2-80P4	LFL2-80P4	24750
		37	FO100-80-P4	FL100-80-P4	24980
		30,25, 20	FO112-80-P4	FL112-80-P4	32510
		16.5, 13.5	FO132-80-P4	FL132-80-P4	46620
12.5, 10	FO160-80-P6	FL160-80-P6	68210		
0.75	1.0	560, 460, 380, 310,	LFO1-80P2	LFL1-80P2	20540
		280, 230, 190, 155, 125,100, 84,	LFO1-80P4	LFL1-80P4	20750
		68,56, 45	LFO2-80P4	LFL2-80P4	26300
		37,30, 25, 20	FO112-80-P4	FL112-80-P4	29950
		16.5, 13.5	FO132-80-P4	FL132-80-P4	47670
		12.5, 10	FO160-90S-P6	FL160-90S-P6	71090
1.1	1.5	560, 460, 380, 310,	LFO1-80P2	LFL1-80P2	23290
		280, 230, 190, 155, 125,100	FO100-90S-P4	FL100-90S-P4	28350
		84, 68,	LFO2-90 P4	LFL2-90 P4	28800
		56, 45,37,	FO112-90S-P4	FL112-90S-P4	32400
		30,25, 20	FO132-90S-P4	FL132-90S-P4	50230
		16.5, 13.5	FO160-90S-P4	FL160-90S-P4	70380
12.5, 10	FO180-90L-P6	FL180-90L-P6	80690		

Helical Geared Motors

Service Factor = 1.4 / AGMA = II



Rating			Models		Price in Rs.
kW	HP	Output Speed (RPM)	Foot Mounting	Flange Mounting	
1.5	2.0	560, 460, 380, 310,	FO100-90S-P2	FL100-90S-P2	29300
		280, 230, 190, 155	FO100-90L-P4	FL100-90L-P4	29610
		125, 100, 84	LFO2-90 P4	LFL2-90 P4	29610
		68, 56, 45,	FO112-90L-P4	FL112-90L-P4	36340
		37,30, 25, 20	LFO3T-90L-P4	LFL3T-90L-P4	51900
		16.5, 13.5	FO180-90-P4	FL180-90-P4	79320
		12.5, 10	FO200-100-P6	FL200-100-P6	102470
2.2	3.0	560, 460, 380, 310	LFO2-90-P2	LFL2-90-P2	32100
		280, 230, 190, 155, 125,100	LFO2-100-P4	LFL2-100-P4	33000
		84, 68, 56, 45,	LFO3-100 P4	LFL3-100 P4	48900
		37, 30, 25, 20	LFO4T-100-P4	LFL4T-100-P4	60160
		16.5, 13.5	FO200-100-P4	FL200-100-P4	105450
		12.5, 10	FO225-112-P6	FL225-112-P6	131750
3.7	5.0	560, 460, 380, 310,	LFO2-100-P2	LFL2-100-P2	42890
		280, 230, 190,	LFO2-112-P4	LFL2-112-P4	43290
		155, 125, 100, 84	LFO3-112 P4	LFL3-112 P4	49420
		68, 56	LFO4-112 P4	LFL4-112 P4	69720
		45,	FO160-112-P4	FL160-112-P4	74710
		37, 30	FO180-112-P4	FL180-112-P4	88060
		25, 20,	LFO5T -112-P4	LFL5T -112-P4	95760
		16.5, 13.5	FO225-112-P4	FL225-112-P4	132670
		12.5, 10	LFO7T-132-P6	LFL7T-132-P6	175150
5.5	7.5	560, 460, 380, 310,	LFO3-112 P2	LFL3-112 P2	59860
		280, 230,	LFO3-132 P4	LFL3-132 P4	62290
		190, 155, 125, 100, 84	LFO4-132 P4	LFL4-132 P4	70260
		68, 56, 45,	FO180-132-P4	FL180-132-P4	88750
		37, 30	FO200-132-P4	FL200-132-P4	119570
		25, 20	FO225-132-P4	FL225-132-P4	141200
		16.5, 13.5	LFO7T-132P4	LFL7T-132P4	179900
7.5	10	560, 460, 380, 310	LFO3-132 P2	LFL3-132 P2	69650
		280, 230, 190, 155,	LFO4-132 P4	LFL4-132 P4	80480
		125, 100	LFO4-132 P4	LFL4-132 P4	82430
		84, 68, 56,	FO180-132-P4	FL180-132-P4	98670
		45, 37, 30	FO200-132-P4	FL200-132-P4	118970
		25, 20	FO225-132-P4	FL225-132-P4	162650
		16.5	LFO7T-132P4	LFL7T-132P4	218710
9.3	12.5	560, 460, 380, 310,	LFO4-132P2	LFL4-132P2	79820
		280, 230, 190, 155,	LFO4- 132 P4	LFL4-132 P4	85130
		125, 100	FO180- 132 P4	FL180- 132 P4	93840
		84,68	LFO5- 132 P4	LFL5- 132 P4	113680
		56, 45,	LFO6- 132 P4	LFL6- 132 P4	144350
		37, 30	FO225-132 P4	FL225-132 P4	167300
		25, 20	LFO7T-132P4	LFL7T-132P4	186050



Vacuum pressure impregnation as a standard feature for every motor



Helical Geared Motors



Service Factor = 1.4 / AGMA = II

Rating			Models		Price in Rs.
kW	HP	Output Speed (RPM)	Foot Mounting	Flange Mounting	
11	15	560, 460, 380, 310,	Fo180- 160 P2	FL180- 160 P2	116720
		280, 230, 190, 155, 125	FO180- 160 P4	FL180- 160 P4	126660
		100, 84	LFO5-160 P4	LFL5-160 P4	136000
		68, 56	LFO6-160 P4	LFL6-160 P4	148860
		45, 37,	FO225-160-P4	FL225-160-P4	170390
		30, 25	LFO7T-160 P4	LFL7T-160 P4	255860
15	20	560, 460, 380, 310,	FO180- 160 P2	FL180- 160 P2	124420
		280, 230, 190,	FO180- 160 P4	FL180- 160 P4	130810
		155, 125, 100,	LFO5-160 P4	LFL5-160 P4	142080
		84, 68, 56	LFO6-160 P4	LFL6-160 P4	172750
		45, 37	LFO7T-160P4	LFL7T-160P4	256000
18.5	25	560, 460, 380, 310,	LFO5-160 P2	LFL5-160 P2	152730
		280, 230, 190, 155,	LFO5-180 P4	LFL5-180 P4	166740
		125, 100, 84,	LFO6-180 P4	LFL6-180 P4	197410
		68, 56	LFO7-180 P4	LFL7-180 P4	214840
22	30	560, 460, 380, 310,	LFO5-180 P2	LFL5-180 P2	173620
		280, 230, 190, 155	LFO5-180 P4	LFL5-180 P4	186290
		125, 100,84	LFO6-180 P4	LFL6-180 P4	204790
		68, 56	LFO7-180 P4	LFL7-180 P4	291570
30	40	560, 460, 380, 310	LFO6-200 P2	LFL6-200 P2	246380
		280, 230, 190,	LFO6-200 P4	LFL6-200 P4	249790
		155, 125, 100, 84	LFO7-200 P4	LFL7-200 P4	317710
37	50	560, 460, 380, 310	LFO6-200 P2	LFL6-200 P2	272930
		280, 230, 190,155, 125,	LFO7-225 P4	LFL7-225 P4	280140
45	60	560, 460, 380, 310	LFO7-225 P2	LFL7-225 P2	334460
		280, 230, 190,	LFO7-225 P4	LFL7-225 P4	351230



Helical Geared Motors

Service Factor = 2 / AGMA = III



Rating		Models		Price in Rs.	
kW	HP	Output Speed (RPM)	Foot Mounting		Flange Mounting
0.12	0.16	560, 460, 380, 310,	LFO1-63P2	LFL1-63P2	16820
		280, 230, 190, 155, 125,100	LFO1-63P4	LFL1-63P4	18490
		84, 68, 56 ,45	LFO1-63P4	LFL1-63P4	18490
		37, 30, 25, 20	FO90-63-P4	FL90-63-P4	18590
		16.5, 13.5,	FO100-63-P4	FL100-63-P4	21600
		12.5, 10	FO112-71-P6	FL112-71-P6	34100
		560, 460, 380, 310,	LFO1-63P2	LFL1-63P2	16820
0.18	0.25	280, 230, 190, 155, 125,100	LFO1-63P4	LFL1-63P4	18490
		84, 68, 56, 45	LFO1-63P4	LFL1-63P4	18490
		37, 30, 25,	FO90-63-P4	FL 90-63-P4	18590
		20	FO100-63-P4	FL 100-63-P4	21660
		16.5, 13.5,	FO100-63-P4	FL 100-63-P4	28000
		12.5, 10	FO112-71-P6	FL 112-71-P6	34800
		560, 460, 380, 310,	LFO1-63P2	LFL1-63P2	17550
0.25	0.33	280, 230, 190, 155, 125,100	LFO1-71P4	LFL1-71P4	18560
		84, 68,56, 45	LFO1-71P4	LFL1-71P4	18930
		37,	FO90-71-P4	FL 90-71-P4	21570
		30,25,20	FO100-71-P4	FL 100-71-P4	25290
		16.5, 13.5,	FO112-71-P4	FL 112-71-P4	34220
		12.5, 10	FO132-71-P6	FL 132-71-P6	42290
		560, 460, 380, 310,	LFO1-71P2	LFL1-71P2	18690
0.37	0.5	280, 230, 190, 155,	LFO1-71P4	LFL1-71P4	18690
		125,100, 84, 68,	LFO1-71P4	LFL1-71P4	19100
		56, 45	LFO2-71P4	LFL2-71P4	24710
		37,	FO100-71-P4	FL 100-71-P4	24710
		30, 25, 20	LFO2T-71-P4	LFL 2T-71-P4	28430
		16.5, 13.5	FO112-71-P4	FL 112-71-P4	34710
		12.5, 10	FO132-80-P6	FL 132-80-P6	49860
560, 460, 380, 310,	LFO1-71P2	LFL1-71P2	18890		
0.55	0.75	280, 230, 190, 155, 125, 100	LFO1-80P4	LFL1-80P4	20520
		84, 68	LFO2-80 P4	LFL2-80 P4	26710
		56, 45, 37, 30	FO112-80-P4	FL112-80-P4	32000
		25, 20	FO132-80-P4	FL132-80-P4	48990
		16.5, 13.5	FO132-80-P4	FL132-80-P4	48990
		12.5, 10	FO160-90L-P6	FL 160-90L-P6	80140
		560, 460, 380, 310,	LFO1-80P2	LFL1-80P2	20540
0.75	1.0	280, 230, 190, 155, 125,	LFO1-80-P4	LF1-80-P4	20750
		100, 84,68,	LFO2-80P4	LFL2-80P4	27000
		56, 45,37,30,	FO112-80-P4	FL112-80-P4	29920
		25, 20	FO132-80-P4	FL132-80-P4	47670
		16.5, 13.5	FO160-80-P4	FL160-80-P4	66350
		12.5, 10	FO160-90S-P6	FL160-90S-P6	89430
		560, 460, 380, 310,	LFO1-80P2	LFL1-80P2	23290
1.1	1.5	280, 230, 190, 155,	FO100-90-P4	FL100-90-P4	28350
		125,100	LFO2-90P4	LFL2-90P4	28900
		84, 68, 56,	FO112-90-P4	FL112-90-P4	32400
		45,37, 30,	FO132-90-P4	FL132-90-P4	50230
		25, 20	FO160-90L-P4	FL160-90L-P4	72780
		16.5, 13.5	FO180-90S-P4	FL180-90S-P4	78020
		12.5, 10	FO200-90L-P6	FL200-90L-P6	99410

Helical Gear Motors

Service Factor = 2 / AGMA = III



Rating			Models		Price in Rs.
kW	HP	Output Speed (RPM)	Foot Mounting	Flange Mounting	
1.5	2.0	560, 460, 380, 310	FO100-90S-P2	FL 100-90S-P2	29400
		280, 230, 190	FO100-90L-P4	FL 100-90L-P4	29610
		155, 125, 100	LFO2-90P4	LFL2-90P4	32000
		84, 68	FO112-90L-P4	FL 112-90L-P4	36340
		56, 45,	FO132-90L-P4	FL 132-90L-P4	53920
		37, 30	LFO3T -90L-P4	LFL3T -90L-P4	56620
		25, 20	FO160-90L-P4	FL160-90L-P4	70220
		16.5, 13.5	FO180-90-P4	FL180-90-P4	86000
2.2	3.0	12.5, 10	FO200-100-P6	FL200-100-P6	106280
		560, 460, 380, 310	LFO2-90P2	LFL2-90P2	37920
		280, 230, 190, 155, 125	LFO2-100P4	LFL2-100P4	38570
		100, 84, 68	LFO3-100 P4	LFL3-100 P4	50450
		56, 45	LFO4-100 P4	LFL4-100 P4	54690
		37, 30	FO160-100-P4	FL160-100-P4	75290
		25, 20	FO180-100-P4	FL180-100-P4	84000
		16.5, 13.5	FO200-100-P4	FL200-100-P4	114170
3.7	5.0	12.5, 10	FO225-112-P6	FL225-112-P6	215710
		560, 460, 380, 310	LFO2-100P2	LFL2-100P2	47430
		280, 230, 190, 155, 125	LFO3-112 P4	LFL3-112 P4	54860
		100, 84, 68	LFO4-112 P4	LFL4-112 P4	69140
		56,	FO160-112-P4	FL160-112-P4	74710
		45, 37	FO180-112-P4	FL180-112-P4	88060
		30, 25, 20	LFO 5T-112-P4	LFL5T-112-P4	119710
		16.5, 13.5	FO225-112-P4	FL225-112-P4	132670
5.5	7.5	12.5, 10	LFO7T-132-P6	LFL7T-132-P6	175150
		560, 460, 380, 310	LFO3-112M P2	LFL3-112M P2	68430
		280, 230, 190, 155, 125, 100	LFO4-132 P4	LFL4-132 P4	77110
		84, 68, 56, 45	FO180-132-P4	FL180-132-P4	96140
		37, 30	FO200-132-P4	FL200-132-P4	118570
		25, 20	FO225-132-P4	FL225-132-P4	165000
7.5	10	16.5,	LFO7T-132-P4	LFL7T-132-P4	179900
		560, 460, 380, 310	LFO3-132 P2	LFL3-132 P2	81400
		280, 230, 190, 155,	LFO4-132 P4	LFL4-132 P4	82510
		125	LFO4-132 P4	LFL4-132 P4	96140
		100, 84, 68	FO180-132-P4	FL180-132-P4	118570
		56, 45	FO200-132-P4	FL200-132-P4	118970
		37, 30	FO225-132-P4	FL225-132-P4	219780
		25, 20	LFO7T-132-P4	LFL7T-132-P4	221010
9.3	12.5	560, 460, 380, 310	LFO4-132 P2	LFL4-132 P2	82400
		280, 230, 190,	LFO4-132 P4	LFL4-132 P4	85600
		155, 125	FO180-132-P4	FL180-132-P4	98100
		100, 84, 68,	LFO5-132 P4	LFL5-132 P4	121000
		56, 45,	FO225-132-P4	FL225-132-P4	151650
		37, 30, 25	LFO7T-132-P4	FL7T-132-P4	221500
		560, 460, 380, 310	FO180-160-P2	FL180-160-P2	116940
11	15	280, 230, 190	FO180-160-P4	FL180-160-P4	126660
		155, 125	LFO5-160 P4	LFL5-160 P4	147530
		100, 84, 68, 56	LFO6-160 P4	LFL6-160 P4	148660
		45	FO225-160-P4	FL225-160-P4	241200
		37, 30	LFO7T-160-P4	LFL7T-160-P4	255860

Helical Gear Motors



Service Factor = 2 / AGMA = III

Rating			Models		Price in Rs.
kW	HP	Output Speed (RPM)	Foot Mounting	Flange Mounting	
15	20	560, 460, 380, 310	FO180-160-P2	FL180-160-P2	126620
		280, 230	FO180-160-P4	FL180-160-P4	145200
		190, 155, 125	LFO5-160 P4	LFL5-160 P4	148660
		100, 84, 68	LFO6-160 P4	LFL6-160 P4	252100
		56	LFO7-160 P4	LFL7-160 P4	253400
18.5	25	560, 460, 380, 310	LFO5-180 P2	LFL5-180 P2	182500
		280, 230	LFO5-180 P4	LFL5-180 P4	185570
		190, 155, 125, 100	LFO6-180 P4	LFL6-180 P4	197410
		84,68	LFO7-180 P4	LFL7-180 P4	289230
22	30	560, 460, 380, 310	LFO5-180 P2	LFL5-180 P2	185570
		280, 230, 190, 155, 125	LFO6-180 P4	LFL6-180 P4	204790
		100,84	LFO7-180 P4	LFL7-180 P4	289230
30	40	560, 460, 380, 310	LFO6-200 P2	LFL6-200 P2	249800
		280, 230, 190, 155, 125	LFO7-200 P4	LFL7-200 P4	249990
37	50	560, 460, 380, 310	LFO7-200 P2	LFL7-200 P2	272930
		280, 230,	LFO7-225 P4	LFL7-225 P4	285010
45	60	560, 460, 380, 310	LFO7-225 P2	LFL7-225 P2	334160

Note :

- For Prices of Flame-proof Gear Motors, Flame-proof Brake Gear Motors, Gear Motors with encoder, Agitator Gear Motors, Energy Efficient Gear Motors & Shaft Mounted Gear Motors refer to LHP Sales Office



Motor Mount Reducer - MMR



Service Factor = 1 / AGMA = I

kW	HP	Rating		Models		Price in Rs.
		Output Speed (RPM)	Input RPM	Foot Mounting	Flange Mounting	
0.12	0.16	560, 460, 380, 310,	1500	LFO1	LFL1	15150
		280, 230, 190, 155, 125,100	1500	LFO1	LFL1	15150
		84, 68, 56, 45	1500	LFO1	LFL1	15150
		37, 30, 25, 20	1500	FO 90T	FL 90T	15970
		16.5, 13.5,	1500	FO 90T	FL 90T	15970
		12.5, 10	1000	LFO2T	LFL2T	23670
0.18	0.25	560, 460, 380, 310,	1500	LFO1	LFL1	15150
		280, 230, 190, 155, 125,100	1500	LFO1	LFL1	15150
		84, 68, 56, 45	1500	LFO1	LFL1	15150
		37, 30, 25, 20	1500	FO90T	FL 90T	15970
		16.5, 13.5,	1500	FO90T	FL 90T	15970
		12.5, 10	1000	LFO2T	LFL2T	23670
0.25	0.33	560, 460, 380, 310,	1500	LFO1	LFL1	15150
		280, 230, 190, 155, 125,100	1500	LFO1	LFL1	15150
		84, 68, 56, 45	1500	LFO1	LFL1	15150
		37, 30, 25	1500	FO90T	FL 90T	15970
		20	1500	FO100T	FL100T	21820
		16.5, 13.5,	1500	LFO2T	LFL2T	23670
0.37	0.5	12.5, 10	1000	LFO2T	LFL2T	23670
		560, 460, 380, 310,	1500	LFO1	LFL1	15150
		280, 230, 190, 155, 125,100	1500	LFO1	LFL1	15150
		84, 68, 56, 45	1500	LFO1	LFL1	15150
		37,	1500	FO90T	FL 90T	15970
		30, 25, 20	1500	FO100T	FL100T	21820
0.55	0.75	16.5, 13.5,	1500	FO112T	FL112T	27170
		12.5, 10	1000	FO112T	FL112T	27170
		560, 460, 380, 310,	1500	LFO1	LFL1	15150
		280, 230, 190, 155, 125,100	1500	LFO1	LFL1	15150
		84, 68, 56	1500	LFO1	LFL1	15150
		45	1500	LFO2	LFL2	20140
0.75	1.0	37, 30,	1500	FO100T	FL100T	21820
		25, 20	1500	LFO2T	LFL2T	23670
		16.5, 13.5	1500	FO112T	FL112T	27170
		12.5, 10	1000	FO132T	FL132T	27170
		560, 460, 380, 310,	1500	LFO1	LFL1	15150
		280, 230, 190, 155, 125,100, 84, 68,	1500	LFO1	LFL1	15150
1.1	1.5	56, 45,	1500	LFO2	LFL2	20140
		37	1500	FO100T	FL100T	21820
		30, 25, 20	1500	FO112T	FL112T	27170
		16.5, 13.5	1500	FO132T	FL132T	46660
		12.5, 10	1000	FO132T	FL132T	46660
		560, 460, 380, 310,	1500	LFO1	LFL1	15150
1.1	1.5	280, 230, 190, 155, 125,100	1500	FO100	FL100	17650
		84, 68, 56,	1500	LFO2	LFL2	20140
		45, 37, 30	1500	FO112T	FL112T	27170
		25, 20	1500	FO132T	FL132T	46660
		16.5, 13.5	1500	FO160T	FL160T	67850
		12.5, 10	1000	FO160T	FL160T	67850

Motor Mount Reducer - MMR



Service Factor = 1 / AGMA = I

kW	HP	Rating		Models		Price in Rs.
		Output Speed (RPM)	Input RPM	Foot Mounting	Flange Mounting	
1.5	2.0	560, 460, 380, 310,	1500	Fo100	FL100	17650
		280, 230, 190, 155, 125, 100	1500	FO100	FL100	17650
		84, 68, 56,	1500	LFO2	LFL2	20140
		45, 37	1500	FO112T	FL112T	27170
		30, 25, 20	1500	LFO3T	LFL3T	46720
		16.5, 13.5	1500	FO160T	FL160T	67850
		12.5, 10	1000	FO180T	FL180T	79320
2.2	3.0	560, 460, 380, 310,	1500	FO100	FL100	17650
		280, 230, 190, 155, 125, 100	1500	LFO2	LFL2	20140
		84,68	1500	LFO2	LFL2	20140
		56, 45	1500	LFO3	LFL3	39760
		37	1500	FO132T	FL132T	46660
		30, 25, 20	1500	LFO4T	LFL4T	59800
		16.5, 13.5	1500	FO180T	FL180T	79320
12.5, 10	1000	FO200T	FL200T	108100		
3.7	5.0	560, 460, 380, 310,	1500	LFO2	LFL2	20140
		280, 230, 190, 155, 125	1500	LFO2	LFL2	20140
		100, 84, 68	1500	LFO3	LFL3	39760
		56, 45, 37, 30	1500	FO160T	FL160T	67850
		25, 20	1500	FO180T	FL180T	79320
		16.5, 13.5	1500	FO200T	FL200T	108100
		12.5	1000	FO225T	FL225T	138100
10	1000	LFO6T	LFL6T	140370		
5.5	7.5	560, 460, 380, 310,	1500	LFO3	LFL3	39760
		280, 230, 190,	1500	LFO3	LFL3	39760
		155, 125,100,84	1500	LFO4	LFL4	50900
		68, 56	1500	FO160T	FL160T	67850
		45, 37, 30	1500	FO180T	FL180T	79320
		25	1500	FO200T	FL200T	108100
		20, 16.5	1500	LFO6T	LFL6T	140370
13.5	1500	LFO7T	LFL7T	169230		
7.5	10	560, 460, 380, 310	1500	LFO3	LFL3	39760
		280, 230, 190, 155, 125,100,84	1500	LFO4	LFL4	50900
		68, 56, 45	1500	FO180T	FL180T	79320
		37, 30	1500	FO200T	FL200T	108100
		25, 20	1500	FO225T	FL225T	138100
		16.5,	1500	LFO7T	LFL7T	169230
9.3	12.5	560, 460, 380, 310,	1500	LFO4	LFL4	50900
		280, 230, 190, 155, 125,100	1500	LFO4	LFL4	50900
		84,68	1500	FO180T	FL180T	79320
		56, 45,	1500	FO200T	FL200T	108100
		37, 30	1500	FO225T	FL225T	138100
		25, 20	1500	LFO6T	LFL6T	140370
		16.5	1500	LFO7T	LFL7T	169230

Motor Mount Reducer - MMR



Service Factor = 1 / AGMA = I

kW	HP	Rating		Models		Price in Rs.
		Output Speed (RPM)	Input RPM	Foot Mounting	Flange Mounting	
11	15	560, 460, 380, 310,	1500	FO180	FL180	67920
		280, 230, 190, 155, 125, 100	1500	FO180	FL180	67920
		84	1500	FO180T	FL180T	79320
		68,	1500	LFO5	LFL5	87700
		56, 45,	1500	LFO5	LFL5	87700
		37, 30	1500	FO225T	FL225T	138100
		25, 20	1500	LFO6T	LFL6T	140370
15	20	560, 460, 380, 310,	1500	FO180	FL180	67920
		280, 230, 190, 155	1500	FO180	FL180	67920
		125, 100	1500	LFO5	LFL5	87700
		84, 68, 56	1500	LFO6	LFL6	116970
		45	1500	FO225T	FL225T	138100
		37,	1500	LFO6T	LFL6T	140370
		30,25	1500	LFO7T	LFL7T	169230
18.5	25	560, 460, 380, 310,	1500	FO180	FL180	67920
		280, 230, 190, 155, 125	1500	LFO5	LFL5	87700
		100,84,68,56	1500	LFO6	LFL6	116970
		45,37	1500	LFO7T	LFL7T	169230
22	30	560, 460, 380, 310,	1500	LFO5	LFL5	87700
		280, 230, 190, 155	1500	LFO5	LFL5	87700
		125,100, 84,	1500	LFO6	LFL6	141020
		68, 56	1500	LFO7	LFL7	141020
		45, 37	1500	LFO7T	LFL7T	169230
30	40	560, 460, 380, 310	1500	LFO6	LFL6	141020
		280, 230, 190, 155, 125,100	1500	LFO6	LFL6	141020
		84, 68	1500	LFO7	LFL7	169230
37	50	560, 460, 380, 310	1500	LFO6	LFL6	141020
		280, 230, 190, 155,	1500	LFO6	LFL6	141020
		125, 100, 84	1500	LFO7	LFL7	169230
45	60	560, 460, 380, 310	1500	LFO7	LFL7	169230
		280, 230,190, 155	1500	LFO7	LFL7	169230

Note : 1. Motor Mount Reducer are suitable to mount standard B5 construction induction motor as a prime mover.



Motor Mount Reducer - MMR



Service Factor = 1.4 / AGMA = II

kW	HP	Rating		Models		Price in Rs.
		Output Speed (RPM)	Input RPM	Foot Mounting	Flange Mounting	
0.12	0.16	560, 460, 380, 310,	1500	LFO1	LFL1	15150
		280, 230, 190, 155, 125,100	1500	LFO1	LFL1	15150
		84, 68, 56, 45	1500	LFO1	LFL1	15150
		37, 30, 25, 20	1500	FO90T	FL90T	15970
		16.5, 13.5,	1500	FO90T	FL90T	15970
		12.5, 10	1000	LFO2T	LFL2T	23670
0.18	0.25	560, 460, 380, 310,	1500	LFO1	LFL1	15150
		280, 230, 190, 155, 125,100	1500	LFO1	LFL1	15150
		84, 68, 56, 45	1500	LFO1	LFL1	15150
		37, 30, 25, 20	1500	FO90T	FL 90T	15970
		16.5, 13.5,	1500	FO100T	FL 100T	15970
		12.5, 10	1000	FO112T	FL112T	21230
0.25	0.33	560, 460, 380, 310,	1500	LFO1	LFL1	15150
		280, 230, 190, 155, 125,100	1500	LFO1	LFL1	15150
		84, 68, 56, 45	1500	LFO1	LFL1	15150
		37, 30	1500	FO90T	FL90T	15970
		25,20	1500	FO100T	FL100T	21820
		16.5, 13.5,	1500	FO112T	FL112T	27170
		12.5, 10	1000	FO112T	FL112T	27170
0.37	0.5	560, 460, 380, 310,	1500	LFO1	LFL1	15150
		280, 230, 190, 155, 125,100	1500	LFO1	LFL1	15150
		84, 68, 56, 45	1500	LFO1	LFL1	15150
		37,30	1500	FO100T	FL100T	21820
		25, 20	1500	LFO2T	LFL2T	23670
		16.5, 13.5	1500	FO112T	FL112T	27170
		12.5, 10	1000	FO112T	FL112T	27170
0.55	0.75	560, 460, 380, 310,	1500	LFO1	LFL1	15150
		280, 230, 190, 155, 125,100, 84, 68	1500	LFO1	LFL1	15150
		56,45,	1500	LFO2	LFL2	20140
		37	1500	FO100T	FL100T	21820
		30,25, 20	1500	FO112T	FL112T	27170
		16.5, 13.5	1500	FO132T	FL132T	46660
		12.5, 10	1000	FO160T	FL160T	67850
0.75	1.0	560, 460, 380, 310,	1500	LFO1	LFL1	15150
		280, 230, 190, 155, 125,100, 84	1500	LFO1	LFL1	15150
		68, 56, 45	1500	LFO2	LFL2	20140
		37,30, 25, 20	1500	FO112T	FL112T	27170
		16.5, 13.5	1500	FO132T	FL132T	46660
		12.5, 10	1000	FO160T	FL160T	67850
1.1	1.5	560, 460, 380, 310,	1500	LFO1	LFL1	15150
		280, 230, 190, 155, 125,100	1500	FO100	FL100	17650
		84, 68,	1500	LFO2	LFL2	20140
		56, 45,37,	1500	FO112T	FL112T	27170
		30,25, 20	1500	FO132T	FL132T	46660
		16.5, 13.5	1500	FO160T	FL160T	67850
		12.5, 10	1000	FO180T	FL180T	79320

Motor Mount Reducer - MMR



Service Factor = 1.4 / AGMA = II

kW	HP	Rating		Models		Price in Rs.
		Output Speed (RPM)	Input RPM	Foot Mounting	Flange Mounting	
1.5	2.0	560, 460, 380, 310,	1500	Fo100	FL100	17650
		280, 230, 190, 155	1500	FO100	FL100	17650
		125, 100, 84	1500	LFO2	LFL2	20140
		68, 56, 45,	1500	FO112T	FL112T	21230
		37, 30, 25, 20	1500	LFO3T	LFL3T	46710
		16.5, 13.5	1500	FO180T	FL180T	79320
		12.5, 10	1000	FO200T	FL200T	108100
2.2	3.0	560, 460, 380, 310	1500	LFO2	LFL2	20140
		280, 230, 190, 155, 125, 100	1500	LFO2	LFL2	20140
		84, 68, 56, 45,	1500	LFO3	LFL3	39760
		37, 30, 25, 20	1500	LFO4	LFL4T	59800
		16.5, 13.5	1500	FO200T	FL200T	108100
		12.5, 10	1000	FO225T	FL225T	138100
		3.7	5.0	560, 460, 380, 310,	1500	LFO2
280, 230, 190,	1500			LFO2	LFL2	20140
155, 125, 100, 84	1500			LFO3	LFL3	39760
68, 56	1500			LFO4	LFL4	50900
45,	1500			FO160T	FL160T	67850
37, 30	1500			FO180T	FL180T	79320
25, 20,	1500			LFO5T	LFL5T	105230
16.5, 13.5	1500			FO225T	FL225T	138100
12.5, 10	1000			LFO7T	LFL7T	169230
5.5	7.5	560, 460, 380, 310,	1500	LFO3	LFL3	39760
		280, 230,	1500	LFO3	LFL3	39760
		190, 155, 125, 100, 84	1500	LFO4	LFL4	50900
		68, 56, 45,	1500	FO180T	FL180T	79320
		37, 30	1500	FO200T	FL200T	108100
		25, 20	1500	FO225T	FL225T	138100
		16.5, 13.5	1500	LFO7T	LFL7T	169230
		7.5	10	560, 460, 380, 310	1500	LFO3
280, 230, 190, 155,	1500			LFO4	LFL4	50900
125, 100	1500			LFO4	LFL4	50900
84, 68, 56,	1500			FO180T	FL180T	79320
45, 37, 30	1500			FO200T	FL200T	108100
25, 20	1500			FO225T	FL225T	138100
16.5	1500			LFO7T	LFL7T	169230
9.3	12.5			560, 460, 380, 310,	1500	LFO4
		280, 230, 190, 155,	1500	LFO4	LFL4	50900
		125, 100	1500	FO180	FL180	67920
		84, 68	1500	LFO5	LFL5	87700
		56, 45,	1500	LFO6	LFL6	116970
		37, 30	1500	FO225T	LF225T	106650
		25, 20	1500	LFO7T	LFL7T	169230

Motor Mount Reducer - MMR



Service Factor = 1.4 / AGMA = II

kW	HP	Rating		Models		Price in Rs.
		Output Speed (RPM)	Input RPM	Foot	Flange	
11	15	560, 460, 380, 310,	1500	FO180	FL180	67920
		280, 230, 190, 155, 125	1500	FO180	FL180	67920
		100, 84	1500	LFO5	LFL5	87700
		68, 56	1500	LFO6	LFL6	116970
		45, 37,	1500	FO225T	FL225T	138100
		30, 25	1500	LFO7T	LFL7T	169230
15	20	560, 460, 380, 310,	1500	FO180	FL180	67920
		280, 230, 190,	1500	FO180	FL180	67920
		155, 125, 100,	1500	LFO5	LFL5	87700
		84, 68, 56	1500	LFO6	LFL6	116970
		45, 37	1500	LFO7T	LFL7T	169230
18.5	25	560, 460, 380, 310,	1500	LFO5	LFL5	87700
		280, 230, 190, 155,	1500	LFO5	LFL5	87700
		125, 100, 84,	1500	LFO6	LFL6	116970
		68, 56	1500	LFO7	LFL7	141020
22	30	560, 460, 380, 310,	1500	LFO5	LFL5	87700
		280, 230, 190, 155	1500	LFO5	LFL5	87700
		125, 100, 84	1500	LFO6	LFL6	141020
		68, 56	1500	LFO7	LFL7	169230
30	40	560, 460, 380, 310	1500	LFO6	LFL6	141020
		280, 230, 190,	1500	LFO6	LFL6	141020
		155, 125, 100, 84	1500	LFO7	LFL7	169230
37	50	560, 460, 380, 310	1500	LFO6	LFL6	141020
		280, 230, 190, 155, 125,	1500	LFO7	LFL7	169230
45	60	560, 460, 380, 310	1500	LFO7	LFL7	169230
		280, 230, 190,	1500	LFO7	LFL7	169230

Motor Mount Reducer - MMR



Service Factor = 2 / AGMA = III

kW	HP	Rating		Models		Price in Rs.
		Output Speed (RPM)	Input RPM	Foot Mounting	Flange Mounting	
0.12	0.16	560, 460, 380, 310	1500	LFO1	LFL1	15150
		280, 230, 190, 155, 125, 100	1500	LFO1	LFL1	15150
		84, 68, 56, 45	1500	LFO1	LFL1	15150
		37, 30, 25, 20	1500	FO90T	FL 90T	15970
		16.5, 13.5	1500	FO100T	FL100T	21820
		12.5, 10	1000	FO112T	FL112T	27170
		560, 460, 380, 310	1500	LFO1	LFL1	15150
0.18	0.25	280, 230, 190, 155, 125, 100	1500	LFO1	LFL1	15150
		84, 68, 56, 45	1500	LFO1	LFL1	15150
		37, 30, 25	1500	FO90T	FL 90T	15970
		20,	1500	FO100T	FL100T	21820
		16.5, 13.5	1500	FO100T	FL100T	21820
		12.5, 10	1000	FO112T	FL112T	27170
		560, 460, 380, 310	1500	LFO1	LFL1	15150
0.25	0.33	280, 230, 190, 155, 125, 100	1500	LFO1	LFL1	15150
		84, 68, 56, 45	1500	LFO1	LFL1	15150
		37	1500	FO90T	FL 90T	15970
		30, 25, 20	1500	FO100T	FL100T	21820
		16.5, 13.5	1500	FO112T	FL112T	27170
		12.5, 10	1000	FO132T	FL132T	46660
		560, 460, 380, 310	1500	LFO1	LFL1	15150
0.37	0.5	280, 230, 190, 155	1500	LFO1	LFL1	15150
		125, 100, 84, 68	1500	LFO1	LFL1	15150
		56, 45,	1500	LFO2	LFL2	20140
		37	1500	FO100T	FL100T	21820
		30, 25, 20	1500	LFO2T	LFL 2T	20140
		16.5, 13.5	1500	FO112T	FL112T	27170
		12.5, 10	1000	FO132T	FL132T	46660
0.55	0.75	560, 460, 380, 310	1500	LFO1	LFL1	15150
		280, 230, 190, 155, 125, 100	1500	LFO1	LFL1	15150
		84, 68	1500	LFO2	LFL2	20140
		56, 45, 37, 30	1500	FO112T	FL112T	27170
		25, 20	1500	FO132T	FL132T	46660
		16.5, 13.5	1500	FO132T	FL132T	46660
		12.5, 10	1000	FO160T	FL160T	67850
0.75	1.0	560, 460, 380, 310	1500	LFO1	LFL1	15150
		280, 230, 190, 155, 125,	1500	LFO1	LFL1	15150
		100, 84, 68	1500	LFO2	LFL2	20140
		56, 45, 37, 30	1500	FO112T	FL112T	27170
		25, 20	1500	FO132T	FL132T	46660
		16.5, 13.5	1500	FO160T	FL160T	67850
		12.5, 10	1000	FO160T	FL160T	67850

Motor Mount Reducer - MMR



Service Factor = 2 / AGMA = III

kW	HP	Rating		Models		Price in Rs.
		Output Speed (RPM)	Input RPM	Foot Mounting	Flange Mounting	
1.1	1.5	560, 460, 380, 310	1500	LFO1	LFL1	15150
		280, 230, 190, 155	1500	FO100	FL100	17650
		125, 100	1500	LFO2	LFL2	20140
		84, 68, 56	1500	FO112T	FL112T	27170
		45, 37, 30	1500	FO132T	FL132T	46660
		25, 20	1500	FO160T	FL160T	67850
		16.5, 13.5	1500	FO180T	FL180T	79320
		12.5, 10	1000	FO200T	FL 200T	108100
1.5	2.0	560, 460, 380, 310	1500	FO100	FL100	17650
		280, 230, 190	1500	FO100	FL100	17650
		155, 125, 100	1500	LFO2	LFL2	20140
		84, 68	1500	FO112T	FL112T	27170
		56, 45,	1500	FO132T	FL132T	46660
		37, 30	1500	LFO3T	LFL3T	46710
		25, 20	1500	FO160T	FL160T	67850
		16.5, 13.5	1500	FO180T	FL180T	79320
12.5, 10	1000	FO200T	FL 200T	108100		
2.2	3.0	560, 460, 380, 310	1500	LFO2	LFL2	20140
		280, 230, 190, 155, 125	1500	LFO2	LFL2	20140
		100, 84, 68	1500	LFO3	LFL3	39760
		56, 45	1500	LFO4	LFL4	50900
		37, 30	1500	FO160T	FL160T	67850
		25, 20	1500	FO180T	FL180T	79320
		16.5, 13.5	1500	FO200T	FL 200T	108100
		12.5, 10	1000	FO225T	FL 225T	138100
3.7	5.0	560, 460, 380, 310	1500	LFO2	LFL2	20140
		280, 230, 190, 155, 125	1500	LFO3	LFL3	39760
		100, 84, 68	1500	LFO4	LFL4	50900
		56,	1500	FO160T	FL160T	67850
		45, 37	1500	FO180T	FL180T	79320
		30, 25, 20	1500	LFO5T	LFL5T	105230
		16.5, 13.5	1500	FO225T	FL 225T	138100
		12.5, 10	1000	LFO7T	L FL7T	169230
5.5	7.5	560, 460, 380, 310	1500	LFO3	LFL3	39760
		280, 230, 190, 155, 125, 100	1500	LFO4	LFL4	50900
		84, 68, 56, 45	1500	FO180T	FL180T	79320
		37, 30	1500	FO200T	FL200T	108100
		25, 20	1500	FO225T	FL225T	138100
		16.5,	1500	LFO7T	LFL7T	169230

Motor Mount Reducer - MMR



Service Factor = 2 / AGMA = III

kW	HP	Rating		Models		Price in Rs.
		Output Speed (RPM)	Input RPM	Foot	Flange	
7.5	10	560, 460, 380, 310	1500	LFO3	LFL3	39760
		280, 230, 190, 155, 125	1500	LFO4	LFL4	50900
		100, 84, 68	1500	FO180T	FL180T	79320
		56, 45	1500	FO200T	FL200T	108100
		37, 30	1500	FO225T	FL 225T	138100
		25, 20	1500	LFO7T	LFL7T	169230
		9.3	12.5	560, 460, 380, 310	1500	LFO4
280, 230, 190, 155, 125	1500	LFO4		LFL4	50900	
100, 84, 68, 56, 45	1500	FO180		FL180	67920	
37, 30, 25	1500	LFO5		LFL5	87700	
	1500	FO225T		FL 225T	138100	
	1500	LFO7T		LFL7T	169230	
11	15	560, 460, 380, 310	1500	FO180	FL180	67920
		280, 230, 190, 155, 125	1500	FO180	FL180	67920
		100, 84, 68, 56, 45	1500	LFO5	LFL5	87700
		37, 30	1500	LFO6	LFL6	116970
			1500	FO225T	FL225T	138100
			1500	LFO7T	LFL7T	169230
15	20	560, 460, 380, 310	1500	FO180	FL180	67920
		280, 230, 190, 155, 125	1500	FO180	FL180	67920
		100, 84, 68, 56	1500	LFO5	LFL5	87700
			1500	LFO6	LFL6	116970
			1500	LFO7	LFL7	141020
18.5	25	560, 460, 380, 310	1500	FO180	FL180	67920
		280, 230, 190, 155, 125, 100, 84, 68	1500	LFO5	LFL5	87700
			1500	LFO6	LFL6	116970
			1500	LFO7	LFL7	141020
22	30	560, 460, 380, 310	1500	LFO5	LFL5	87700
		280, 230, 190, 155, 125, 100, 84	1500	LFO6	LFL6	141020
			1500	LFO7	LFL7	169230
30	40	560, 460, 380, 310	1500	LFO5	LFL5	87700
		280, 230, 190, 155, 125, 100, 84	1500	LFO6	LFL6	141020
37	50	560, 460, 380, 310	1500	LFO6	LFL6	141020
		280, 230, 190, 155, 125, 100, 84	1500	LFO7	LFL7	169230
45	60	560, 460, 380, 310	1500	LFO7	LFL7	169230
		280, 230, 190, 155, 125, 100, 84	1500	LFO7	LFL7	169230

Inline Gear Reducers



Frame	Ratio	Maximum Input HP at 1500 RPM			Price in Rs.
		SF : 1.0	SF : 1.4	SF : 2.0	
FO/FL 90DR	4.86	1	0.75	0.55	15880
	5.95	1	0.75	0.55	
	7.36	0.75	0.75	0.5	
	8.97	0.75	0.55	0.5	
	10.91	0.5	0.55	0.33	
	13.35	0.5	0.5	0.33	
FO/FL 90TR	17.06	0.33	0.5	0.25	18600
	20.32	0.33	0.33	0.25	
	25.25	0.25	0.33	0.16	
	30.79	0.25	0.16	0.16	
	38.3	0.16	0.16	-	
	46.69	0.16	-	-	
FO/FL100DR	4.91	3	3	2	17710
	6.01	3	2	1.5	
	7.21	2	2	1	
	9.34	2	1.5	1	
	11.4	1.5	1.5	0.75	
	13.82	1.5	1	0.75	
FO/FL100TR	16.64	1	0.75	0.55	22100
	20.36	0.75	0.75	0.55	
	24.41	0.75	0.55	0.5	
	31.61	0.75	0.55	0.5	
	38.6	0.5	0.5	0.33	
	46.76	0.5	0.33	0.33	
	55.89	0.33	0.33	0.25	
	67.7	0.33	0.25	0.16	
	74.24	0.25	0.25	0.16	
	82.67	0.25	0.16	0.16	
90.65	0.16	-	-		
FO/FL112DR	4.98	5	5	4	21990
	6.24	5	4	3	
	7.51	5	3	2	
	9.23	4	2	2	
	11.69	3	2	1.5	
	14.02	2	2	1.5	
FO/FL112TR	16.41	2	1.5	1	27350
	20.55	1.5	1.5	1	
	24.74	1.5	1	0.75	
	30.41	1	0.75	0.75	
	38.51	1	0.75	0.5	
	45.21	0.75	0.75	0.5	
	53.96	0.75	0.5	0.33	
	65.89	0.5	0.5	0.33	
	75.36	0.5	0.33	0.25	
	86.99	0.5	0.33	0.25	
92.13	0.33	0.25	0.16		

Inline Gear Reducers



Frame	Ratio	Maximum Input HP at 1500 RPM			Price in Rs.
		SF : 1.0	SF : 1.4	SF : 2.0	
FO/FL132DR	5.14	15	12.5	10	34060
	6.23	15	10	7.5	
	7.29	12.5	10	7.5	
	9.12	10	7.5	5	
	11.62	10	7.5	4	
	14.19	7.5	5	3	
FO/FL132TR	17.13	7.5	4	3	40400
	20.77	5	3	2	
	25.23	4	3	2	
	30.41	3	2	1.5	
	38.72	2	2	1.5	
	47.29	2	1.5	1	
	56.75	1.5	1	0.75	
	69.65	1.5	1	0.75	
	79.75	1	0.75	0.5	
97.39	1	0.75	0.5		
FO/FL160DR	5.02	25	20	12.5	52340
	6.38	20	15	10	
	7.38	20	12.5	10	
	9.11	15	10	7.5	
	11.41	12.5	7.5	5	
	13.11	10	7.5	5	
FO/FL160TR	16.75	7.5	5	4	61260
	21.26	5	4	3	
	24.60	5	4	3	
	31.31	4	3	2	
	38.02	3	2	1.5	
	46.37	3	2	1.5	
	55.99	2	1.5	1	
68.29	2	1.5	1		
FO/FL180DR	5.15	30	25	20	61940
	6.37	30	25	15	
	7.65	25	20	12.5	
	9.50	20	15	10	
	11.62	15	12.5	7.5	
FO/FL180TR	14.19	15	10	7.5	72420
	16.95	12.5	7.5	5	
	20.96	10	7.5	5	
	25.15	7.5	5	4	
	31.21	5	4	3	
	38.18	5	3	2	
	49.65	4	3	2	
	54.62	3	2	1.5	
71.02	2	2	1		

Inline Gear Reducers



Frame	Ratio	Maximum Input HP at 1500 RPM			Price in Rs.
		SF : 1.0	SF : 1.4	SF : 2.0	
FO/FL200DR	5.24	50	40	30	82000
	6.48	40	30	25	
	7.57	40	30	20	
	9.53	30	25	15	
	11.51	30	20	15	
	14.01	25	15	12.5	
FO/FL200TR	17.48	20	15	10	97880
	21.59	15	12.5	7.5	
	25.23	12.5	10	5	
	31.76	10	7.5	5	
	38.37	7.5	5	4	
	46.70	7.5	5	4	
	58.00	5	4	3	
	59.62	5	4	3	
71.32	5	3	2		
FO/FL225DR	5.10	75	60	40	98000
	6.25	60	50	30	
	7.79	50	40	25	
	9.33	50	30	20	
	11.35	40	25	20	
	13.86	30	20	15	
FO/FL225TR	17.14	25	15	12.5	109900
	20.98	20	15	10	
	26.17	15	12.5	7.5	
	31.20	15	10	7.5	
	38.09	12.5	7.5	5	
	46.54	10	5	5	
	56.91	7.5	5	4	
	69.53	5	4	3	

Global Motor Mount Reducer (GMMR)

List Price At Service Factor : 1.0



Frame	Reduction Ratio	Max. Output Torque (T _{max.}) at Service Factor 1.0 (Kg-m)	Output RPM at 1400 Input RPM	Max. Input KW	Price (DR) in Rs.	Price (TR) in Rs.
MFOO85/ MFL085	5.6	3	240	0.79	14420	-
	6.7	3	200	0.66		
	7.4	3	181	0.59		
	9.1	3	147	0.48		
	11.2	4	120	0.52		
	13.0	4	103	0.45		
	15.6	4	86	0.37		
	17.2	4	78	0.34		
	21.3	4.5	63	0.31		
	26.0	4.5	52	0.25		
	32.3	4.5	41	0.20		
	39.5	4.5	34	0.17		
	40.7	4.5	33	0.16		
	44.8	4.5	30	0.15		
MFO110/ MFL110	5.0	12	279	3.58	20590	-
	5.9	12	236	3.03		
	6.5	12	216	2.78		
	7.9	12	178	2.28		
	8.9	13.5	157	2.26		
	10.5	13.5	133	1.92		
	11.5	13.5	122	1.76		
	14.0	13.5	100	1.44		
	16.4	16	85	1.46		
	19.4	16	72	1.24		
	21.2	16	66	1.13		
	25.8	16	54	0.93		
	31.3	17	45	0.81		
	36.9	17	38	0.69		
	40.3	17	35	0.63		
	49.0	17	29	0.52	-	24210
	60.1	18	23	0.45		
	69.6	18	20	0.39		
82.0	18	17	0.33			
89.7	18	16	0.30			
109.1	18	13	0.25			
122.5	18	11	0.22			
144.4	18	10	0.19			

* DR - Double Reduction

* TR - Triple Reduction

Global Motor Mount Reducer (GMMR) Rating Chart & List Price At Service Factor : 1.0



Frame	Reduction Ratio	Max. Output Torque (Tmax.) at Service Factor 1.0 (Kg-m)	Output RPM at 1400 Input RPM	Max. Input KW	Price (DR) in Rs.	Price (TR) in Rs.
MFO130/ MFL130	5.1	23	275	6.75	27130	-
	6.2	23	225	5.54		
	6.9	23	203	4.99		
	7.5	23	187	4.59		
	7.8	23	180	4.43		
	9.14	26	153	4.26		
	10.2	26	138	3.82		
	11.4	26	122	3.41		
	12.6	26	111	3.08		
	15.4	26	91	2.53		
	17.1	26	82	2.28		
	19.2	26	73	2.03		
	24.2	27	58	1.67	-	30410
	29.5	27	48	1.37		
	32.8	32	43	1.46		
	36.8	32	38	1.30		
	41.2	32	34	1.16		
	46.2	32	30	1.04		
	54.0	32	26	0.89		
	65.8	32	21	0.73		
73.6	32	19	0.65			
82.2	32	17	0.58			
99.3	32	14	0.48			
120.9	32	12	0.40			
MFO155/ MFL155	4.0	42	347	15.60	-	-
	4.6	42	305	13.70		
	5.5	42	253	11.37		
	6.3	52	221	12.32		
	7.0	52	201	11.19		
	8.6	52	163	9.07		
	10.0	52	140	7.76	44360	-
	11.3	65	124	8.62		
	12.0	65	117	8.12		
	13.9	65	101	6.99		
	16.3	65	86	5.98		
	24.4	65	57	3.98		
	18.1	65	77	5.38	-	50100
	21.1	65	66	4.61		
	24.44	72	57	4.41		
	27.16	72	52	3.97		
	31.3	72	45	3.44		
	33.7	72	42	3.20		
38.4	72	36	2.81			
42.4	72	33	2.54			
47.3	72	30	2.28			

* DR - Double Reduction

* TR - Triple Reduction

Global Motor Mount Reducer (GMMR) Rating Chart & List Price At Service Factor : 1.0



Frame	Reduction Ratio	Max. Output Torque (T _{max.}) at Service Factor 1.0 (Kg-m)	Output RPM at 1400 Input RPM	Max. Input KW	Price (DR) in Rs.	Price (TR) in Rs.
MFO155/ MFL155	49.3	72	28	2.19	-	50100
	55.3	72	25	1.95		
	61.4	72	23	1.76		
	80.4	72	17	1.34		
	83.7	72	17	1.29		
	94.0	72	15	1.15		
	108.7	72	13	0.99		
	143.4	72	10	0.75		
	159.3	72	9	0.68		
	172.7	72	8	0.62		
MFO175/ MFL175	4.6	75	308	24.68	62820	-
	5.1	75	276	22.15		
	5.7	75	246	19.77		
	6.4	80	218	18.66		
	7.3	80	192	16.39		
	8.1	80	172	14.72		
	9.1	110	153	18.04		
	10.3	110	136	15.97		
	11.3	110	124	14.56		
	12.6	110	111	13.07		
	14.1	110	99	11.66		
	16.0	115	88	10.79		
	18.3	115	76	9.40		
	20.4	120	69	8.81		
22.9	120	61	7.86			
MFO175/ MFL175	25.8	120	54	6.95	-	62820
	29.8	120	47	6.03		
	33.2	120	42	5.41		
	37.2	120	38	4.83		
	42.1	120	33	4.27		
	54.9	120	26	3.27		
	61.2	120	23	2.94		
	68.6	120	20	2.62		
	77.5	120	18	2.32		
	87.0	120	16	2.07		
	96.9	120	14	1.85		
	108.6	120	13	1.65		
	122.7	120	11	1.46		
	134.8	120	10	1.33		

NOTE : For Ratings not stated above refer to LHP.

* DR - Double Reduction

* TR - Triple Reduction

Brake Gear Motor



Brake Gear Motor List Price = [(Gear Motor List Price (Page No.- 3 to 11)+ Additional list Price for brake (as below)]

Brake Specification : Electromagnetic DC brake of Normally ON type with 190V DC & duly fitted with inbuilt rectifier having input 415 V AC & output 190V DC.

kW	HP	Frame	Pole	RPM	Brake Size	Torque (Nm)	Service Factor	Additional Price (Rs.)	Brake Size	Torque (Nm)	Service Factor	Additional Price (Rs.)
0.12	0.16	63	4	1340	5	2	2.3	9200	5	2	2.3	9200
0.18	0.25	63	4	1370	5	2	1.6	9260	6	4	3.2	10140
0.18	0.25	71	6	915	6	4	2.1	10250	6	4	2.1	10250
0.25	0.33	71	4	1400	6	4	2.3	10190	6	4	2.3	10190
0.25	0.33	71	6	920	6	4	1.5	10410	8	8	3.1	11080
0.37	0.5	71	4	1410	6	4	1.6	10240	8	8	3.2	10910
0.37	0.50	80	6	915	8	8	2.1	11300	8	8	2.1	11300
0.55	0.75	80	4	1420	8	8	2.2	11150	8	8	2.2	11150
0.55	0.75	80	6	915	8	8	1.4	11420	8X	12	2.1	12640
0.75	1	80	4	1410	8	8	1.6	11210	8X	12	2.4	12430
0.75	1	90	6	955	8X	12	1.6	13050	10	16	2.1	16010
1.1	1.5	90	4	1410	8X	12	1.6	12820	10	16	2.1	15780
1.1	1.5	90	6	940	10	16	1.4	16410	10X	22	2.0	17710
1.5	2	90	4	1410	10	16	1.6	15930	10X	22	2.2	17230
1.5	2	100	6	950	10X	22	1.5	17790	12	32	2.1	19030
2.2	3	100	4	1430	10X	22	1.5	17530	12	32	2.2	18770
2.2	3	112	6	945	12	32	1.4	19770	14	60	2.7	22440
3	4	100	4	1420	12	32	1.6	19070	12X	43	2.1	20420
3.7	5	112	4	1430	12	32	1.3	19640	14	60	2.4	22310
3.7	5	132	6	960	14	60	1.6	21130	14X	80	2.2	22530
5.5	7.5	132	4	1450	14	60	1.7	21220	14X	80	2.2	22630
5.5	7.5	132	6	960	14X	80	1.5	22930	16X	125	2.3	29530
7.5	10	132	4	1450	14X	80	1.6	22940	16X	125	2.5	29550
7.5	10	160	6	965	16	100	1.3	29010	18X	180	2.4	40750
9.3	12.5	160	4	1450	16	100	1.6	29070	16X	125	2.0	31060
9.3	12.5	160	6	975	18	150	1.6	39200	18X	180	2.0	41570
11	15	160	4	1455	16	100	1.4	29200	18	150	2.1	38580
11	15	160	6	970	18	150	1.4	39520	20	260	2.4	49340
15	20	160	4	1460	18	150	1.5	39310	20	260	2.6	49130
15	20	180	6	970	20	260	1.8	50910	20X	320	2.2	53670
18.5	25	180	4	1470	18X	180	1.5	42890	20	260	2.2	50340
18.5	25	200	6	980	20	260	1.4	52700	25	400	2.2	68640
22	30	200	6	975	20X	320	1.5	56120	25X	500	2.3	73290
22	30	180	4	1470	18X	180	1.3	43850	20X	320	2.2	54050
30	40	200	4	1475	20X	320	1.6	56120	25	400	2.1	69300

- Note :**
1. No manual hand release handle for brake size : 5
 2. Brake's size & SF shall be selected as per actual end application. for
 LT and CT = SF = 1.5 (min)
 for hoisting SF = 2 (min)
 3. Brakes with supply 96 VDC & 24 VDC can be given on request at extra price.

Cash Extras

S. No.	Features	Scope (Frame)	Additional Price	
1.	Electrical Features Voltage A] Non standard voltage & frequency (Voltage other than 415 volts) (I) 220 Volts to 550 Volts, 50 Hz (ii) Any other voltage with 50Hz (III) Any voltage at 60Hz	63 to 355 63 to 355	3% Refer to LHP 5%	
	B] Dual Voltage (1 : $\sqrt{3}$ ratio) (i) 240 / 415 Volts, 50 HZ (ii) 220/380, 230/400, 50 HZ (iii) 220/380, 230/400, 240/415 V, 60 HZ	63 to 100 112 to 355 63 to 355	3% 3% 3%	
2.	Motors for Inverter Duty (i) Inverter grade winding treatment	63 to 225 250 to 355	*3% subject to max.Rs.3000 NIL	
	(ii) Vacuum Pressure Impregnation	All Frames	NIL (Standard Feature)	
3.	'H' Class Insulation.	All Frames	10%	
4.	Mechanical Features Special mounting in both foot & flange type	All Frames	5%	
5.	Special Shaft Extension (i) Standard double shaft extension (DE./NDE identical) Dimensions as Per LHP Catalogue.	63 to 355	5%	
	(ii) Non standard shaft extension / shaft diameter at DE and / OR at NDE (with length to dia ratio restricted 1:6)	63 to 355	5%	
	(iii) For higher diameter / length		Refer to LHP sales office	
	(iv) Special Non stainless steel shaft material grade e.g. EN24 etc. (With standard shaft extension as per LHPL catalogue) (additional delivery of 4 weeks.)	63 to 200 225 to 355	10% 5%	
	(V) Stainless steel shaft (With standard shaft extension as per LHPL catalogue) (additional delivery of 4 weeks.)	63 to 200 225 to 355	15% 10%	
6.	Vibration (IS 12075) (i) Normal Class (ii) Precision Class A (iii) Precision Class B		NIL 7.5% 15%	
	7.	Degree of Protection as per IS 4691-1968 IP 56 , IP 65, IP66 (No certification and testing for above)	71 to 355	5%
	8.	Provision for fitment of brake on NDE side of motor	Upto 100 112 to 250	5% 10%
9.	Out put RPM other than catalogue	All Frames	5%	
10.	Provision for Encoder mounting		Please refer to LHP sales office with motor NDE side dimension requirements for mounting encoder & inform Make / model no. /type of encoder	

Cash Extras

S. No.	Features	Scope (Frame)	Additional Price
11.	Forced cooling arrangement (Independent Fan mounted separately at motors NDE)	132 to 280 315 to 400	15% 10%
12.	Anti corrosive treatment. a) External Epoxy paint on motor body for standard motor. (Paint shade RAL 7015)		3%
	B) Epoxy gel coat on overhang of winding		2%
13.	Clean Flow Cowl.		5%
14.	CI Fans (wherever plastic fan is standard)		2%
15.	For cast iron body for induction motors	Upto 112	3% extra.
16.	External body paint shade. (i) LHP standard paint "Slate Gray RAL 7015"		No extra charge
	(ii) Non standard paint shade		3%
17.	Accessories Space Heater	112 to 132 160 to 180 200 to 355	Rs. 1000/- Rs. 1100/- Rs. 2500/-
18.	Cable glands - Non FLP (BSC Threading) Double compression glands	71 to 160 200 to 225 250 to 315	Rs. 600/- Rs. 1500/- Rs. 2000/-
19.	Thermistors (without controller) PTC 110, PTC130, PTC150 in motors (I) 3 Numbers (ii) 6 Numbers		Rs. 1800/- Rs. 3500/-
20.	(I) Sea worthy packing (without fumigation) (ii) Fumigation charges if required.		5% subject to maximum Rs.5000/- Rs.2500/-
21.	Gear Oil / Grease as lubrication		Refer to LHP sales office
22.	Flame-proof Brake motors		Refer to LHP sales office
23.	Flame-proof IIC motors		Refer to LHP sales office
24.	Single Phase motors	63 to 100	Refer to LHP sales office
25.	Commercial . (I) Dispatch with CT3 Form (ii) Dispatch with CT1 & ARE1 Form (iii) Dispatch under any other Government Notification		6% NIL Refer to LHP sales office

Note





- All prices given in this Price List are in Indian Rupees.
- All % (percentage) figures are to be added to the list price.
- All Rs. (Rupees) figures are to be added to the Nett Price. (except brake charges in Sr. 26.B)
- Inspection charges are to be shown separately. Taxes duties are applicable on inspection/ testing charges.
- For any other special features please refer to LHP sales office.
- Extras for special features are subject to alteration without any prior notice.
- Prices mentioned are maximum recommended retail selling prices and are subject to change without notice.
- Prices are Ex Works, Solapur, Exclusive of Excise duty, Sales Tax and other Central/Local levies which will be charged extra at actual.
- kW and HP are indicated. However, kW is binding and HP is approximate.
- Product up gradation is a continuous process, hence, data in this price list is subject to change without prior Notice. For latest information please contact LHP sales office.
- Prices as ruling at the time of delivery shall be applicable .
- Any dispute arising out of any transaction with LHP shall be subject to Solapur Jurisdiction only.
- Price does not include gear oil cost, as the gear motors are supplied without oil. (Refer Note 2 in page 2)



Product Range



Motor Type	Frame	Power (kW)	Picture
Standard Motors Single phase Three phase	63 to 100 63 to 450	0.18 to 1.5kW 0.12 to 1000kW	
IE2, IE3 & IE4 Motors	71 to 450	0.37 to 375kW	
*Brake Motors	63 to 250	0.12 to 55kW	
Crane & Hoist Duty Motors	71 to 355	0.37 to 315kW	
**Flame-proof Motors (Type Ex 'd')	63 to 315	0.18 to 500kW	
Flame-proof Motors IE2, IE3 & IE4 (Type Ex 'd')	71 to 315	Up to 500kW	
Non-sparking Motors Ex 'nA' (IE1, IE2, IE3 & IE4)	63 to 355	0.12 to 500kW	
Increased Safety Motors Ex 'e'(IE2)	71 to 355	0.37 to 500kW	
Inverter Duty Motors	63 to 450	0.12 to 1000kW	
Roller Table Motors	100 to 355		
Cooling Tower Motors	71 to 355		
Encoder Motors	63 to 450	0.12 to 1000kW	
Helical Gearmotors : L' Power Series	Power :0.12 to 180kW Speed :0.35 to 560RPM Torque:Up to 6000kgm		

<p>Textile (loom) Motors</p>  <p>As per requirements</p>	<p>Marine Duty Motors</p>  <p>As per requirements</p>	<p>Railway Auxiliary Motors</p>  <p>As per requirements</p>	<p>Multi-speed Motors</p>  <p>As per requirements</p>
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*Can also be offered in Flame-proof enclosure. **Can also be offered for Gas group IIC upto 250 frame.
Note : IEC EX, CE ATEX Certification for IIC, IIIC, Ex'tc', Ex'de' will be available shortly.

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