aakash powertech pvt. ltd.
power channelling solutions

AAKASH POWERTECH PVT.LTD

hindustan ELECTRIC MOTORS

Express Zone, A- Wing, Unit No. 501-505, W E Highway, Malad (E), Mumbai -400097
Tel No:- 61441600 , Fax No:- 61441650 Email:- info@aakashpower.com

(WEF: 15th December 2018)

Guidelines For Price Calculation Of Non Standard Motors

S. No	Special Features & Scope		Frame	Price
Non - Standard Winding				
1	Non Standard Coltage / Frequency Other Than 415V, 50 Hz	380V, 50Hz	All Frames	Nil
		Voltage Change Other Than 380V, 415V & 220V	All Frames	5%
		Frequency Change Other than 50Hz	All Frames	5%
		Combined Change Other Than Those Specified Above	All Frames	7.50%
2	Insulation Class 'H'		All Frames	12.50%
3	Two Speed motors not specified in the Price List		All Frames	On Request
Winding Protection				
4	Vacuum Pressure Impregnation for Winding		All Frames	5%
5	Epoxy Gelcoat on Winding		All Frames	7.50%
6	Anti Condensation Heater (Space Heater)		Fames 80 - 112	Rs 1780
			Frames 132 - 180	Rs 2370
			Frames 200 & Above	Rs 4730
7	Thermistors	Set of 3 Nos.	All Frames	Rs 1780
		Set of 6 Nos.	All Frames	Rs 3550
8	RTD	1 No.	All Frames	Rs 2370
9	Thermostat	1 No.	All Frames	Rs 490
Non - Standard Construction				
10	Non Standard Shaft	Shaft Length = 2E max	All Frames	7.50%
		Double Shaft Extension	All Frames	7.50%
		Shaft Length Mare Than 2E	All Frames	On Request
		Shaft Material EN 24	All Frames	15%
		Taper Single Shaft Extension Taper 1:10	All Frames	10%
		Taper Double Shaft Extension Taper 1:10	All Frames	15%
		Stainless Steel Shaft	All Frames	On Request
11	Mounting	B5/B14/V1/V3/V18/V19	Upto frames 132	3%
		B5 & V3 Not Recommended for frame 355	Frames 160 & above	5%
		B35 / B34	All Frames	5%
12	Special Fixing Dimensions Other Than IS:1231 / 2223		All Frames	20%
13	Special Low Vibration Motors for Macine Tools		All Frames	10%
	Further Mountings			
14	Motor Suitable for Brake Mountings		All Frames	15%
15	Brake Mmotor Kit (Brake Protection IP54)	Brake Sizes		
		6	Frame 63, 71	4140
		8	Frame 71, 80	4520
		10	Frame 80, 90	6630
		12	Frame 90, 100	7570
		14	Frame 100, 112	9460
		16	Frame 112, 132	13010
		18	Frame 132, 160	17200
		20	Frame 160, 180	21880
		25	Frame 180, 200	30750
		31	Frame 225, 250	60310
16	Encoder mounting arrange for inverter duty motors suitable for hollow shaft encoders		Frame 100-132	2960
			Frame 160-250	3550
			Frame 280-355	4570
17	Forcr Cooling Arrangement (Inclusive of force cooling fan) for inverter duty 3 phase 415V, 50 Hz fan motor		Frame 100-132	4730
			Frame 160-200	9460
			Frame 225-250	15380
			Frame 280-355	30750
Bearings				
18	Insulated Bearings	6312	Frame 200	30750
		6313	Frame 225	33110
		6315	Frame 250	35480
		6317	Frame 280	39030
		6319	Frame 315	41390
		6322	Frame 355	44940

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19	Roller Bearing		Frame 160 - 180	2150
			Frame 200 - 250	3550
			Frame 280 - 355	14190
20	BTD	1 No.	Frame 280 - 355	5920
Terminal Box				
21	One Size Larger Terminal Box		Frame 100 - 315	5%
22	Flying Leads	Upto 1 meter	All Frames	10%
Painting				
23	Non - Standard Paint Shade		All Frames	5%
24	External Epoxy Paint		All Frames	7.50%
25	External Epoxy Paint + Gelcoat on Winding		All Frames	10%
26	Motor Delivered with Red Oxide Primer		All Frames	No Reduction
Fan & Fan Cover				
27	Cast Iron Fan in Place of Plastic Fan		All Frames	10%
28	Clean Flow Fan Cover		All Frames	7.50%
Motor Protection				
29	IP 56 Protection		All Frames	10%
Testing				
30	IP Testing		All Frames	On Request
31	Witness Testing of Routine Test Per Motor		Frame 63 - 90	1190
			Farme 100 - 132	2370
			Frame 160 - 250	3550
			Frame 280 - 355	4730
32	Witness Testing of Type Test Per Motor		Frame 63 - 90	3550
			Farme 100 - 132	5920
			Frame 160 - 250	8280
			Frame 280 - 315	13010
			Frame 355	16560
Miscellaneous				
33	Motor Delivered in Unpacked Condition		All Frames	No Reduction
34	Sea Worthy Packing		All Frames	5%

NOTE: All Percentage Figures are to be loaded on the List Price
All Figures are in Rupee & are to be added on nett price