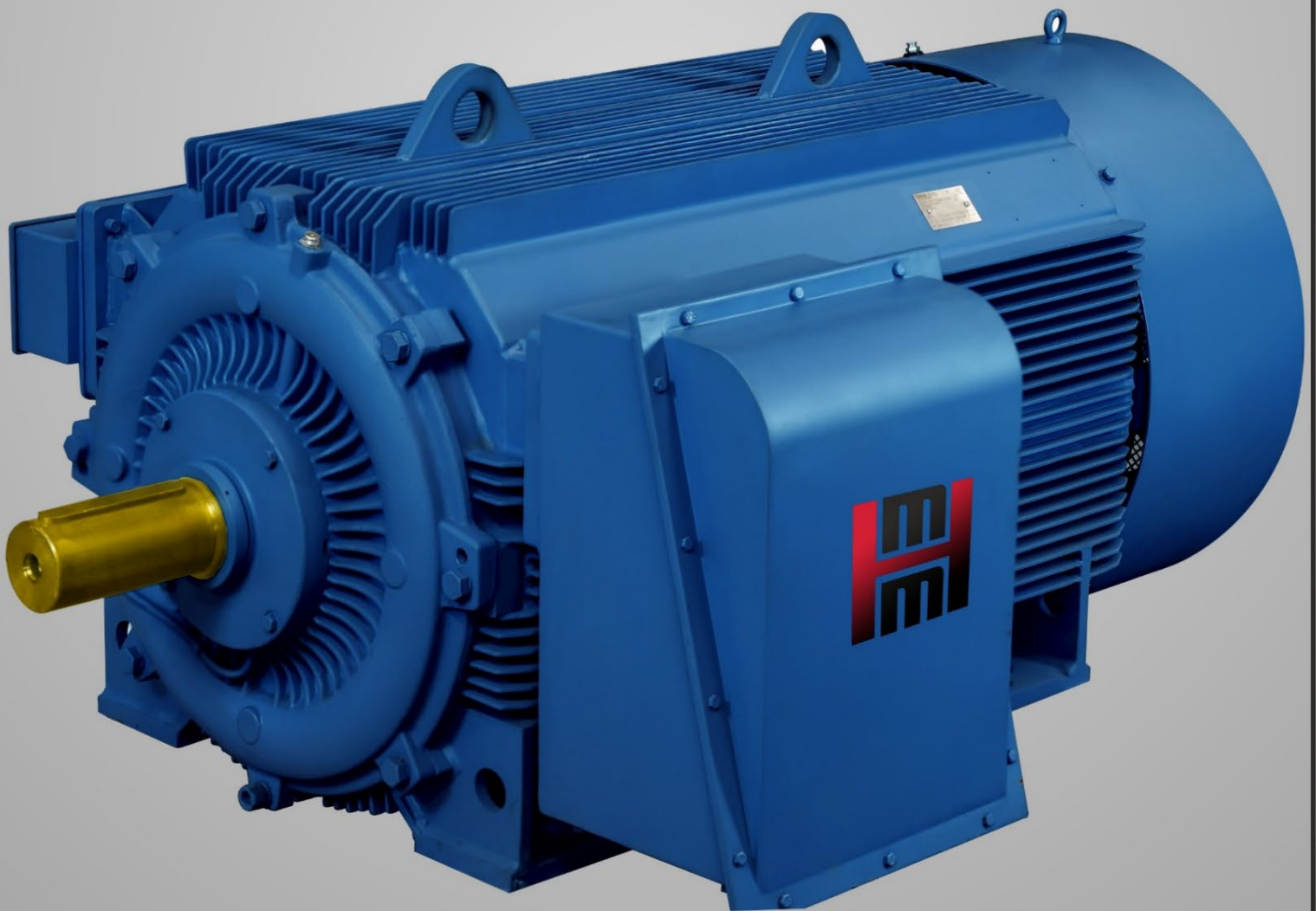


Price list no. 43/2024

Effective from 28th May 2024



TERMS & CONDITIONS

1. This price list supersedes all the previous price lists.
2. The prices quoted are Ex-factory.
3. The prices & frame sizes are subject to change without prior notice.
4. GST will be charged extra as applicable at the time of delivery.
5. All orders are booked subject to price & discount ruling at the time of delivery.
6. Aluminium body motors are available in frame sizes 63 to 132.
7. Higher than 12 pole motors are available for cooling tower motors on request.



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HT

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HINDUSTAN Torque motors suitable for 415V $\pm$ 10%, 50Hz $\pm$ 5%, combined $\pm$ 10%, 3 phase supply, foot mounted (B3 construction), ambient temperature 50°C, Class 'F' insulation, IP55 protection, with bare shaft & key as per IS/IEC:60034-1.

KW	HP	Torque (kg.m)	Frame	Type Designation	List Price ₹
4 Pole, 1500 rpm					
0.075	0.10	0.048	63	2HT1 063-0403	9,270
0.15	0.20	0.096	71	2HT1 073-0403	11,030
0.22	0.30	0.144	80	2HT1 080-0403	14,010
0.37	0.50	0.240	90S	2HT1 090-0403	16,340
0.55	0.75	0.360	90L	2HT1 096-0403	17,600
0.75	1.0	0.480	100L	2HT1 106-0403	22,750
1.1	1.5	0.720	112M	2HT1 123-0403	29,720
1.23	1.65	0.800	112M	2HT1 124-0403	29,720
1.5	2.0	0.960	112M	2HT1 125-0403	31,160
1.9	2.5	1.200	132S ★	2HT1 130-0403	39,590
2.2	3.0	1.440	132M ★	2HT1 133-0403	58,690
3.7	5.0	2.420	160M ★	2HT1 163-0403	82,810
5.5	7.5	3.570	160L ★	2HT1 166-0403	102,120
6 Pole, 1000 rpm					
0.18	0.25	0.180	90S	2HT1 090-0603	17,270
0.37	0.50	0.360	90L	2HT1 096-0603	17,230
0.55	0.75	0.540	100L	2HT1 106-0603	22,790
0.75	1.0	0.720	112M	2HT1 123-0603	28,480
1.1	1.5	1.080	132S ★	2HT1 130-0603	41,430
1.5	2.0	1.460	132S ★	2HT1 131-0603	50,720
3.7	5.0	3.620	160L ★	2HT1 166-0603	106,140
8 Pole, 750 rpm					
0.037	0.05	0.048	71	2HT1 073-0803	14,540
0.075	0.10	0.096	80	2HT1 080-0803	16,820
0.15	0.20	0.190	90S	2HT1 090-0803	17,600
0.18	0.25	0.240	90L	2HT1 096-0803	19,730
0.37	0.50	0.480	100L	2HT1 106-0803	22,640
0.55	0.75	0.720	112M	2HT1 123-0803	29,100
0.75	1.0	0.960	132S ★	2HT1 130-0803	39,640
1.1	1.5	1.440	132M ★	2HT1 133-0803	76,550
12 Pole, 500 rpm					
0.37	0.50	0.720	112M	2HT1 123-1203	29,560

★ - With forced cooling arrangement.

ANNEXURE 1: GUIDELINES FOR PRICE CALCULATION OF NON STANDARD MOTORS					
Sr. No.	Special Features & Scope			Frame Size	Price
1.0	Non-standard winding				
1.1	Non standard voltage/ frequency other than 415V, 50Hz	380V, 50Hz		All	Nil
		Voltage change other than 380V, 415V & 220V			5%
		Freq. change other than 50Hz			5%
		Combined change other than those specified above			7.5%
1.2	Insulation class 'H'			All	10%
1.3	Two speed motors with single winding not specified in the price list			All	On request
	Two speed motors with separate winding			100 & above	20% of higher price for among poarity
1.4	Crane duty motor			All	5%
1.5	Ambient Temp. -30 to +65°C			All	List price as per selected frame
2.0	Winding Protection				
2.1	Vacuum Pressure Impregnation for winding			63-225	5%
				250-355	Nil
2.2	Epoxy gelcoat on winding			All	5%
2.3	Anti Condensation Heater (Space Heater)			80-112	₹ 2,220
				132-180	₹ 2,950
				200-355	₹ 5,890
2.4	Thermistors	Standard Motors	Set of 3 Nos.	All	₹ 2,220
			Set of 6 Nos.		₹ 4,420
		Flameproof motors	Set of 3 Nos.	160FLP & above	₹ 4,750
			Set of 6 Nos.		₹ 5,660
2.5	RTD (For Standard motors only)	3 wire simplex	Set of 3 Nos.	All	₹ 6,640
			Set of 6 Nos.		₹ 11,400
		6 wire duplex	Set of 3 Nos.		₹ 11,400
			Set of 6 Nos.		₹ 17,670
2.6	BTD (2 Nos.) (RTD) duplex type with wires terminated in auxilliary terminal box.			250-355	₹ 10,000
2.7	Thermostat	1 No.		All	₹ 630
3.0	Non-standard Construction				
3.1	Non std shaft	Shaft length = 2E max.		All	5%
		Double shaft extension			7.5%
		Shaft length more than 2E			On request
		Shaft material EN 24			10%
		Taper single shaft extension taper 1:10			5%
		Taper double shaft extension taper 1:10			10%
		Stainless steel shaft			On request
3.2	Mounting	B5* / B14 / V1 / V3* / V18 / V19 * Not recommended for frame 355		Upto 160	3%
				180 & above	5%
		B35 / B34		All	3%
3.3	Special fixing dimensions other than IS:1231/2223			All	20%
3.4	Noise level as per IS:12065			All	No Extra
	Upto 85 dB(A) @ 1m at no load for 4 pole & above motors				5%
	Upto 90 dB(A) @ 1m at no load for 2 pole motors				
3.5	Special low vibration motors for machine tools conforming to vibration grade B as per Table 1 of IEC:60034-14			All	10%
3.6	Jacking out holes on motor feet			280 & above	5%
3.7	Stainless steel hardware			100 & above	7.5% upto max ₹ 5,000
3.8	Roller table motors in CI body having circular fins			112-200	20% extra over IE2
3.9	Flameproof Ex'd' motors with ATEX/IECEc approval			All	10%

Sr. No.	Special Features & Scope			Frame Size	Price		
4.0	Further Mountings						
4.1	Motor suitable for brake mounting arrangement (Customer to provide brake details. Brake mounting is not in HM scope)			All	15%		
4.2	Brake motor kit (Brake protection IP54)	Brake size	Torque (Nm)				
		06	4	63, 71	₹ 5,150		
	(Refer Technical catalogue for brake selection)	08	8	71, 80	₹ 5,630		
		10	16	80, 90	₹ 8,250		
		12	32	90, 100	₹ 9,410		
		14	60	100, 112	₹ 11,770		
		16	80	112, 132	₹ 16,160		
		18	150	132, 160	₹ 21,370		
		20	260	160, 180	₹ 27,180		
		25	400	180, 200	₹ 38,190		
		31	600, 800	225, 250	₹ 74,900		
4.3	Non-standard Brake coil voltage			All	5% on Brake price		
4.4	Encoder mounting arrangement for inverter duty motors suitable for hollow Shaft encoders			100-132	₹ 3,690		
				160-250	₹ 4,420		
				280-355	₹ 5,680		
4.5	Force cooling arrangement (inclusive of force cooling fan) for inverter duty motors (3 ph, 415V, 50Hz fan motor)			90-132	₹ 5,890		
				160-180	₹ 7,080		
				200-225	₹ 16,980		
				250	₹ 25,870		
				280	₹ 32,050		
				315	₹ 35,540		
				355	₹ 43,170		
4.6	Force cooling arrangement for Flameproof motors (3 ph, 415V, 50Hz fan motor)			250	₹ 35,260		
				280	₹ 39,100		
				315	₹ 47,500		
5.0	Fan & Fan Cover						
5.1	Cast iron fan in place of plastic fan			63-315	10%		
5.2	Clean flow fan cover			All	7.5%		
6.0	Bearings						
	Frame size	Roller Bearing (at DE)		Hybrid Bearing (at NDE)		Insulated Bearing (at NDE)	
		Size	Price	Size	Price	Size	Price
	132 / 132FLP	NU 208	₹ 1,400	6208	₹ 9,920	-	
	132FLP	NU 308	₹ 1,600	-			
	160 / 160FLP	NU 309	₹ 2,170	6209	₹ 10,400		
	180 / 180FLP	NU 310	₹ 2,220	6210	₹ 11,070	6310	₹ 23,470
	200 / 200FLP	NU 312	₹ 3,580	-		6312	₹ 25,640
	225 / 225FLP	NU 313	₹ 3,830			6313	₹ 27,150
	250 / 250FLP	NU 315	₹ 3,980			6315	₹ 30,240
	280 / 280FLP	NU 317	₹ 5,860			6317	₹ 31,670
	315 / 315FLP	NU 319	₹ 5,990			6319	₹ 34,770
	355	NU 322	₹ 6,630			6322	₹ 44,700
7.0	Teminal Box						
7.1	One size larger terminal box			100-315	3%		
7.2	Flying Leads up to 1m & 6 leads			All	5%		
7.3	Cast iron terminal box			63-250	5%		
7.4	Cable gland (per run of cable) Standard / Flameproof * * Flameproof cable glands of double compression type			63-90	₹ 600 / ₹ 1,420		
				100-132	₹ 830 / ₹ 2,370		
				160-180	₹ 1,190 / ₹ 2,960		
				200-250	₹ 2,370 / ₹ 7,100		
				280-315	₹ 3,550 / ₹ 10,650		
				355	₹ 4,730 / -		

Sr. No.	Special Features & Scope		Frame Size	Price
8.0	Painting			
8.1	Non-standard paint shade	Standard motors other than RAL shade 6011	All	5%
		Flameproof motors other than RAL shade 7046		
8.2	Anti corrosive epoxy paint		All	3%
8.3	Motor delivered with red oxide primer		All	No reduction
8.4	Additional paint thickness upto 130μ		All	5%
8.5	C3-M/C4-M/C5-M painting for any paint shade (Applicable for minimum order value of ₹ 50 Lacs)		All	20%
9.0	Motor Protection			
9.1	IP56 / IP65 Protection		All	5%
10.0	Testing			
10.1	IP test		All	On request
10.2	Witness testing of routine test per motor	63-90	₹ 1,410	
		100-132	₹ 2,810	
		160-250	₹ 4,210	
		280-355	₹ 5,610	
	Additional No-load running over routine testing		All	₹ 1,500
10.3	Witness testing of type test per motor	63-90	₹ 4,210	
		100-132	₹ 7,010	
		160-250	₹ 9,800	
		280-315	₹ 15,400	
		355	₹ 19,590	
	Dimension check		All	25% of type test of frame involved
10.4	Witness testing of pressure test on FLP component's set per motor	63-132	₹ 3,000	
		160-315	₹ 8,500	
10.5	2nd numeral IP55 test per motor	63-132	₹ 3,000	
		160-250	₹ 4,000	
		280-355	₹ 5,000	
10.6	Testing with inverter drive (Customer to arrange for drive)	All		
	With third party laboratory witness		₹ 110,000	
	Without third party laboratory witness		₹ 50,000	
11.0	Miscellaneous			
11.1	Motor delivered in unpacked condition		All	No reduction
11.2	Sea worthy packing		All	5%
11.3	Additional nameplates		All	₹ 400
11.4	Direction arrow plate		All	₹ 400

Note:

1. All % (percentage) figures are to be loaded on the list price.
2. All ₹ (rupee) figures are to be added on nett price.
3. For any other special features, please refer to head office.