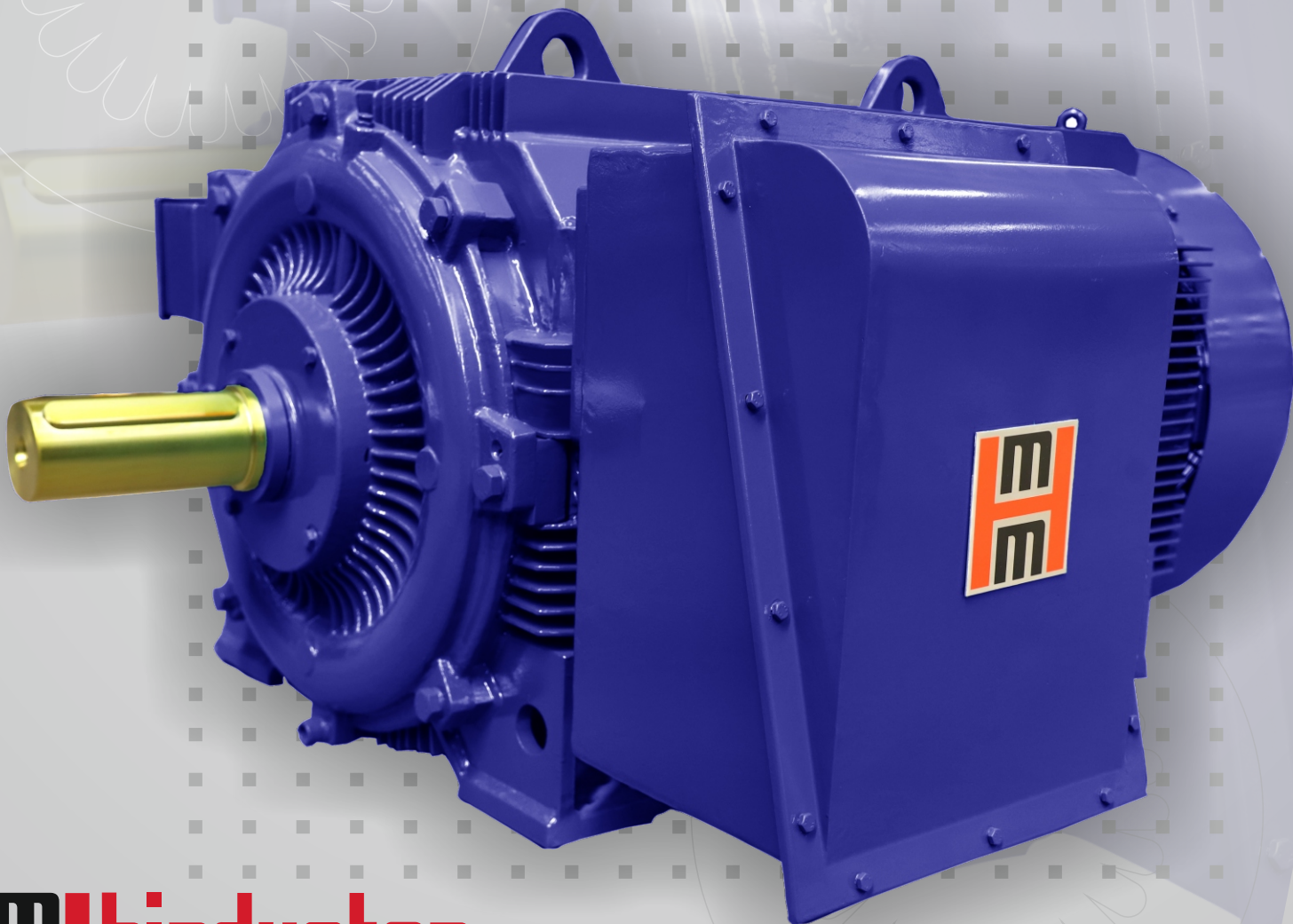


Price list no. 42-1/2022

Effective from 6th April, 2022



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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HP

42-1

HINDUSTAN Two speed induction motors suitable for 415V \pm 10%, 50Hz \pm 5%, combined \pm 10%, 3 phase supply, foot mounted (B3 construction), ambient temperature 50°C, TEFC, Class 'F' insulation, IP55 protection, continuous rated (S1 duty) with bare shaft & key as per IS/IEC:60034-1.

KW	HP	Frame	Polarity	Type Designation	List Price ₹
0.09/0.12	0.125/0.16	63	4/2	2HS5 063-4203	9,220
0.25/0.25	0.33/0.33	71	4/2	2HS5 073-4203	9,460
0.30/0.40	0.4/0.54	71	4/2	2HS5 074-4203	11,400
0.37/0.55	0.50/0.75	80	4/2	2HS5 080-4203	12,100
0.45/0.60	0.60/0.80	80	4/2	2HS5 083-4203	14,260
0.75/1.1	1.0/1.5	90S	4/2	2HS5 090-4203	15,550
1.05/1.65	1.4/2.2	90L	4/2	2HS5 096-4203	19,360
1.5/1.5	2.0/2.0	100L	4/2	2HS5 106-4203	24,270
1.65/2.2	2.2/3.0	100L	4/2	2HS5 107-4203	25,240
2.2/2.2	3.0/3.0	112M	4/2	2HS5 123-4203	32,980
3.0/4.1	4.0/5.5	112M	4/2	2HS5 124-4203	34,570
3.7/3.7	5.0/5.0	132S	4/2	2HS5 130-4203	37,910
4.0/5.1	5.4/6.8	132S	4/2	2HS5 131-4203	39,810
5.5/5.5	7.5/7.5	132M	4/2	2HS5 133-4203	54,860
6.0/7.5	8.0/10.0	132M	4/2	2HS5 134-4203	57,630
7.5/7.5	10.0/10.0	160M	4/2	2HS5 163-4203	62,590
9.0/10.5	12.0/14.0	160M	4/2	2HS5 164-4203	80,650
11.0/11.0	15.0/15.0	160L	4/2	2HS5 166-4203	94,930
12.0/14.2	16.0/19.0	160L	4/2	2HS5 167-4203	99,650
15.0/15.0	20.0/20.0	180M	4/2	2HS5 183-4203	1,03,360
18.0/21.0	24.0/28.0	180L	4/2	2HS5 186-4203	1,13,320
22.0/24.0	30.0/32.0	200L	4/2	2HS5 206-4203	1,56,160
30.0/36.0	40.0/48.0	225MX	4/2	2HS5 223-4203	2,40,960
41.0/52.0	55.0/70.0	250MX	4/2	2HS5 253-4203	3,19,220
60.0/75.0	80.0/100.0	280SX	4/2	2HS5 280-4203	4,49,520
70.0/85.0	94.0/114.0	280MX	4/2	2HS5 283-4203	5,21,140
85.0/100.0	114.0/134.0	315SX	4/2	2HS5 310-4203	7,37,310
100.0/120.0	134.0/160.0	315MX	4/2	2HS5 313-4203	8,67,930
0.093/0.12	0.125/0.16	80	8/4	2HS5 080-8403	13,520
0.18/0.25	0.25/0.33	80	8/4	2HS5 083-8403	14,470
0.25/0.37	0.33/0.50	90S	8/4	2HS5 090-8403	15,100
0.37/0.55	0.50/0.75	90L	8/4	2HS5 096-8403	16,990
0.55/0.93	0.75/1.25	100L	8/4	2HS5 106-8403	19,550
0.75/1.1	1.0/1.5	100L	8/4	2HS5 107-8403	22,440
1.1/1.8	1.5/2.4	112M	8/4	2HS5 123-8403	25,370
1.8/2.7	2.4/3.6	132S	8/4	2HS5 130-8403	34,120
2.2/3.7	3.0/5.0	132M	8/4	2HS5 133-8403	55,300
3.0/3.9	4.0/5.2	132M	8/4	2HS5 134-8403	58,050
3.7/5.5	5.0/7.5	160M	8/4	2HS5 164-8403	63,290
5.5/9.3	7.5/12.5	160L	8/4	2HS5 166-8403	77,620



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HP

42-1

HINDUSTAN Two speed induction motors suitable for 415V±10%, 50Hz±5%, combined ±10%, 3 phase supply, foot mounted (B3 construction), ambient temperature 50°C, TEFC, Class 'F' insulation, IP55 protection, continuous rated (S1 duty) with bare shaft & key as per IS/IEC:60034-1.

KW	HP	Frame	Polarity	Type Designation	List Price ₹
7.5/10.5	10.0/14.0	180M	8/4	2HS5 183-8403	1,03,760
9.3/12.0	12.5/16.0	180L	8/4	2HS5 186-8403	1,09,420
11.0/15.0	15.0/20.0	200L	8/4	2HS5 206-8403	1,56,420
15.0/22.0	20.0/30.0	200L	8/4	2HS5 207-8403	1,75,960
18.5/24.0	25.0/32.0	225MX	8/4	2HS5 223-8403	2,36,200
26.0/34.0	35.0/45.0	250MX	8/4	2HS5 253-8403	3,06,060
30.0/37.0	40.0/50.0	250MX	8/4	2HS5 254-8403	3,42,520
37.0/45.0	50.0/60.0	280SX	8/4	2HS5 280-8403	4,30,620
28.0/55.0	37.0/75.0	280MX	8/4	2HS5 283-8403	4,72,670
45.0/55.0	60.0/75.0	315SX	8/4	2HS5 310-8403	5,71,920
55.0/75.0	75.0/100.0	315MX	8/4	2HS5 313-8403	7,13,540
0.12/0.15	0.16/0.20	71	6/4	2HS5 073-6403	12,090
0.30/0.45	0.40/0.60	80	6/4	2HS5 083-6403	13,640
0.45/0.67	0.60/0.90	90S	6/4	2HS5 090-6403	14,880
0.75/1.1	1.0/1.5	90L	6/4	2HS5 096-6403	16,000
1.05/1.5	1.4/2.0	100L	6/4	2HS5 106-6403	19,670
1.65/2.2	2.2/3.0	112M	6/4	2HS5 123-6403	24,530
2.7/3.9	3.6/5.2	132S	6/4	2HS5 130-6403	35,600
4.2/5.7	5.6/7.6	132M	6/4	2HS5 133-6403	41,720
5.5/9.0	7.5/12.0	160M	6/4	2HS5 164-6403	61,150
9.0/12.0	12.0/16.0	160L	6/4	2HS5 166-6403	77,270
11.0/16.5	15.0/22.0	180L	6/4	2HS5 186-6403	1,06,290
16.5/22.0	22.0/30.0	200L	6/4	2HS5 206-6403	1,50,880
22.0/30.0	30.0/40.0	225MX	6/4	2HS5 223-6403	2,30,650
30.0/37.0	40.0/50.0	250MX	6/4	2HS5 253-6403	3,09,030
30.0/45.0	40.0/60.0	280SX	6/4	2HS5 280-6403	3,86,900
45.0/55.0	60.0/75.0	280MX	6/4	2HS5 283-6403	4,41,810
3.7/5.5	5.0/7.5	160M	8/6	2HS5 164-8603	67,720
5.5/7.5	7.5/10.0	160L	8/6	2HS5 166-8603	83,030
6.3/9.3	8.5/12.5	180M	8/6	2HS5 183-8603	1,10,940
7.5/11.0	10.0/15.0	180L	8/6	2HS5 186-8603	1,16,960
11.0/15.0	15.0/20.0	200L	8/6	2HS5 206-8603	1,67,280
16.8/22.0	22.5/30.0	225MX	8/6	2HS5 223-8603	2,52,620
22.0/30.0	30.0/40.0	250MX	8/6	2HS5 253-8603	3,27,420

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	All	380V, 50Hz	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.	₹ 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.	₹ 6,640	
			Set of 6 Nos.	₹ 11,400	
	6 wire duplex	Set of 3 Nos.	All	₹ 11,400	
		Set of 6 Nos.	₹ 17,670		
2.6	BTD (2 Nos.) duplex type with wires terminated in auxilliary terminal box		200-225	₹ 8,800	
			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.		5%	
		Double shaft extension		7.5%	
		Shaft length more than 2E		On request	
		Shaft material EN 24		All	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	Upto 132	3%	
		* Not recommended for frame 355	160 & above	5%	
		B35 / B34	All	5%	
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	

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) (Refer Technical catalogue for brake selection)	Brake size	Torque (Nm)				
		06	4	63, 71	₹ 5,150		
		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	Encoder mounting arrangement for inverter duty motors suitable for hollow shaft encoders			100-132	₹ 3,690		
				160-250	₹ 4,420		
				280-355	₹ 5,680		
4.4	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						
5.0	Fan & Fan Cover						
5.1	Cast iron fan in place of plastic fan			All	10%		
5.2	Clean flow fan cover			All	7.5%		
6.0	Bearings						
6.1	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			
6.2	Bearing Temperature Detector (BTD) ROD type (Duplex) terminated in auxilliary TB, 2 Nos.			280-355	₹ 9,350		
7.0	Terminal 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 Flameproof motors other than RAL shade 7046	All 5%
8.2	Anti corrosive epoxy paint	All	3%
8.3	External epoxy paint + gelcoat on winding	All	10%
8.4	Motor delivered with red oxide primer	All	No reduction
8.5	Additional paint thickness upto 130 μ	All	5%
8.6	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	63-90 100-132 160-250 280-355	₹ 1,410 ₹ 2,810 ₹ 4,210 ₹ 5,610
	Additional No-load running over routine testing	All	₹ 1,500
10.3	Witness testing of type test per motor	63-90 100-132 160-250 280-315 355	₹ 4,210 ₹ 7,010 ₹ 9,800 ₹ 15,400 ₹ 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	63-132 160-315	₹ 3,000 ₹ 8,500
10.5	2nd numeral IP55 test per motor	63-132 160-250 280-355	₹ 3,000 ₹ 4,000 ₹ 5,000
10.6	Testing with inverter drive (Customer to arrange for drive)		
	With third party laboratory witness	All	₹ 1,10,000
	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.