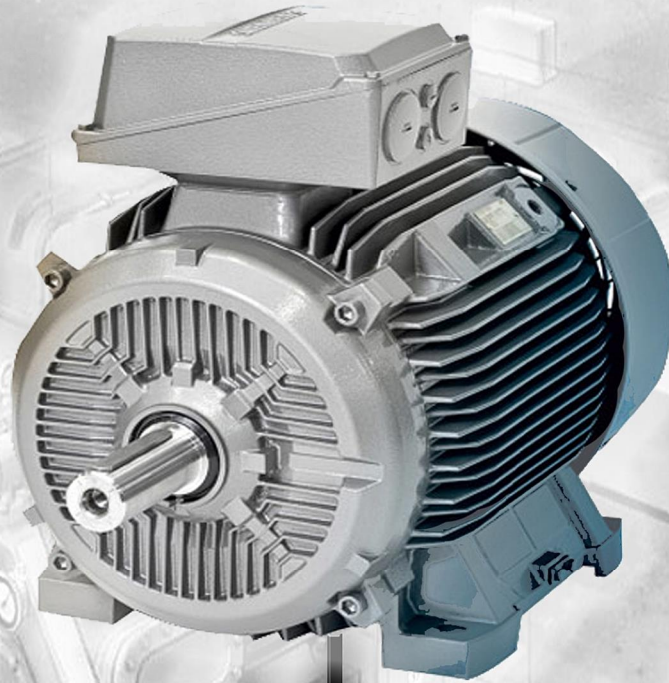


SIEMENS

Motors & Motor Starters



DIRECT ON LINE (DOL)



AUTOMATIC STAR
DELTA STARTER



SIRIUS SOFT STARTER



V20 VARIABLE
FREQUENCY DRIVES

SIEMENS CHANNEL PARTNER FOR MOTORS & MOTOR STARTERS



EMPIRE TRADING AGENCY (PVT) LTD

NO.110, LAYARDS BROADWAY, COLOMBO 14, SRI LANKA.

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E-MAIL : empita@slt.lk WEB : www.empiretradingagency.lk

Salient Features of the "new" IE efficiency class motors from Siemens:

Frame Size	71 to 355
Power Range	0.37kW to 315kW
Number of Poles	2, 4, 6
Motor Material	Frame: Cast Iron (with mounting feet integral to the housing - for constructions with feet) Terminal Box: Generously dimensioned, Rotatable through 360° in steps of 90°; on Top as a standard Fan Cowl: Sheet Steel; Fan: Thermoplastic (Cast Iron for 2P in Frames 250 and above)
Efficiency Classes	Standard, IE2 & IE3 upon enquiry
Marking	Ratings covered under IS:12615-2011 will be marked with the appropriate efficiency class
Degree of protection	IP55 as per IS:4691
Voltages	415V Standard, For other voltages upon enquiry
Frequency	50Hz (New IS:12615 does not cover any other frequency. Motors can be offered for 60Hz but without IE marking).
Type of Construction (For other possible constructions contact nearest sales office)	Frames up to 132: IMB3, IMB5, IMV1, IMB35, IMB14, IMB34 Frames 160 - 315M: IMB3, IMB5, IMV1, IMB35 Frames 315L - 355L: IMB3, IMV1, IMB35
Cooling Type	IC411 as per IS:6362. (Totally Enclosed Fan Cooled)
Ambient Conditions (Standard)	50°C, Altitude ≤ 1000m
Temperature Class	Class F, most of them utilised to Class B
Bearing System	63 Series for frames 160 and above. Identical bearings at DE and NDE help reduce inventory
Lubrication System	Regreasable bearings for frames 160 onwards

1LA0 CHAMPION Series. Degree of Prot. IP55, Ins Class 'F'. Ambient 50°C, Method of cooling - IC411, 415V ±10%, 50Hz ± 5%, combined ±10%. Prices for IMB3 (foot mounted) versions. Reference Standard: IS/IEC:60034-1

2 - Pole Motor 3000 rev/min				
Output		Frame size	Type reference (MLFB)	Price (Rs)
kW	HP			
240VΔ / 415VY 50Hz				
0.18	0.25	63	1LA0 060-2LA80	↑
0.25	0.35	63	1LA0 063-2LA80	
0.37	0.5	71	1LA0 070-2LA80	
0.55	0.75	71	1LA0 073-2LA80	
0.75	1	80	1LA0 080-2LA80	
1.1	1.5	80	1LA0 083-2LA80	
1.5	2	90S	1LA0 090-2LA80	
415VΔ 50Hz				
2.2	3	90L	1LA0 096-2LA80	On Request
3.7	5	100L	1LA0 107-2LA80	
5.5	7.5	112M	1LA0 114-2LA80	↓
7.5	10	132S	1LA0 131-2LA80	
9.3	12.5	132M	1LA0 133-2LA80	
11	15	160M	1LA0 164-2LC80	
15	20	160M	1LA0 165-2LC80	
18.5	25	160L	1LA0 166-2LC80	
22	30	180M	1LA0 183-2LA80	
30	40	200L	1LA0 207-2LB80	
37	50	200L	1LA0 208-2LB80	
45	60	225M	1LA0 223-2LB80	

4 - Pole Motor 1500 rev/min				
Output		Frame size	Type reference (MLFB)	Price (Rs)
kW	HP			
240VΔ / 415VY 50Hz				
0.12	0.16	63	1LA0 060-4LA80	↑
0.18	0.25	63	1LA0 063-4LA80	
0.25	0.35	71	1LA0 070-4LA80	
0.37	0.5	71	1LA0 073-4LA80	
0.55	0.75	80	1LA0 080-4LA80	
0.75	1	80	1LA0 083-4LA80	
1.1	1.5	90S	1LA0 090-4LA80	
1.5	2	90L	1LA0 096-4LA80	
415VΔ 50Hz				
2.2	3	100L	1LA0 106-4LA80	On Request
3	4	100L	1LA0 107-4LA80	
3.7	5	112M	1LA0 113-4LA80	↓
5.5	7.5	132S	1LA0 130-4LA80	
7.5	10	132M	1LA0 133-4LA80	
11	15	160M	1LA0 163-4LA80	
15	20	160L	1LA0 166-4LA80	
18.5	25	180M	1LA0 183-4LA80	
22	30	180L	1LA0 186-4LA80	
30	40	200L	1LA0 207-4LA80	
37	50	225S	1LA0 221-4LA80	
45	60	225M	1LA0 224-4LA80	

6 - Pole Motor 1000 rev/min					
Output		Frame size	Type reference (MLFB)	Price (Rs)	
kW	HP				
240VΔ / 415VY 50Hz					
0.18	0.25	71	1LA0 070-6LA80	↑	
0.25	0.35	71	1LA0 073-6LA80		
0.37	0.5	80	1LA0 080-6LA80		
0.55	0.75	80	1LA0 083-6LA80		
0.75	1	90S	1LA0 090-6LA80		
1.1	1.5	90L	1LA0 096-6LA80		
1.5	2	100L	1LA0 106-6LA80		
415VΔ 50Hz					
2.2	3	112M	1LA0 113-6LA80	↑	
3.7	5	132S	1LA0 131-6LA80		
5.5	7.5	132M	1LA0 134-6LA80		
7.5	10	160M	1LA0 163-6LB80		
11	15	160L	1LA0 166-6LB80		On Request
15	20	180L	1LA0 186-6LA80		
18.5	25	200L	1LA0 206-6LA80		
22	30	200L	1LA0 207-6LA80		
30	40	225M	1LA0 223-6LA80#		

6 - Pole Motor 1000 rev/min					
Output		Frame size	Type reference (MLFB)	Price (Rs)	
kW	HP				
415VΔ 50Hz					
2.2	3	112M	1LA0 113-6LA80	↑	
3.7	5	132S	1LA0 131-6LA80		
5.5	7.5	132M	1LA0 134-6LA80		
7.5	10	160M	1LA0 163-6LB80		
11	15	160L	1LA0 166-6LB80		On Request
15	20	180L	1LA0 186-6LA80		
18.5	25	200L	1LA0 206-6LA80		
22	30	200L	1LA0 207-6LA80		
30	40	225M	1LA0 223-6LA80#		

Temperature rise limited to 75K & @ Temp. rise limited to 95K.

Note 2 - Motors from Frames 63-112M are also available in Aluminium Housing on request. Please replace last but two code A/B with L while ordering.

Last digit of order code to change based on construction type

Construction	IMB3	IMB5/V1	IMB14	IMV1 with Canopy	IMB35	IMB34
63-132	0	1	2	4	6	7
160-225M	0	1	-	4	6	-



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2



0



6



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Hotline :
Manjula 071 6 852 765
Indula 071 1 915 164
Chanaka 071 8 623 687