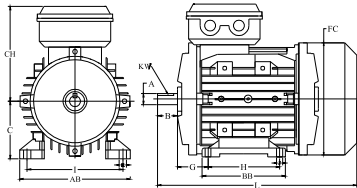


MOTHER®

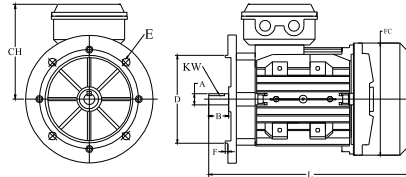
MOTHER AC MOTORS



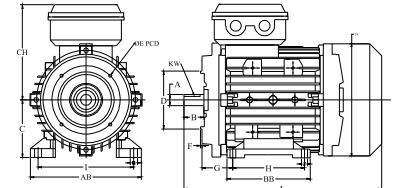
B3 MOTOR(FOOT MOUNTING)



B5 MOTOR(FLANGE MOUNTING)



B14 MOTOR(FACE MOUNTING)



ELECTRIC PARAMETERS					MECHANICAL PARAMETERS																											
FRAME	KW	HP	SPEED (Rpm)	CURRENT (Amps)	TORQUE	A	B	C	CH	D	E	F	FC	G	H	I	J	K	AB	BB	KW	L	WEIGHT (KG)									
63B3	0.18	0.25	1400	0.57	0.13	11	23	63	80	-	-	-	119	40	80	100	9	6.5	120	103	20*4	221	4.2									
			2800		0.07																											
1400			0.13		-			95		115	3	-		-	-	-	-	-	-	-												
2800			0.07					60		75	2.5																					
63B14			1400		0.13			-		-	-	-		-	-	-	-	-														
			2800		0.07																											
71B3			0.37		0.5			1400		1.1	0.26	14		30	71	106	-	-	-	140			45	90	112	9	6.5		104	24*5	240	6.0
								2800			0.14				71																	
1400	0.26	-		110		130	3.5	-	-		-		-		-		-	-														
2800	0.14			70		85	2.5																									
71B14	1400	0.26		-		-	-	-	-		-		-		-		-															
	2800	0.14																														
80B3	0.55	0.75		1400		1.5	0.38	19	40		81		210		-		-	-	155		50	100	125	12	15	126	100		280			7.6
71B3				2800			0.19	14	30		71		106						140		45	90	112	9	6.5		104	24*5	240			
80B5			1400	0.38	19		40	-	210	130	165	3.5	155	-	-	-	-	-	-	-	-	30*6	280	7.8								
71B5			2800	0.19	14		30		106	110	130											24*5	240									
80B14			1400	0.38	19		40	-	210	80	100	3.0	155	-	-	-	-	-	-	-	-	30*6	280	7.6								
71B14			2800	0.19	14		30		106	70	85	2.5	140									24*5	240									
80B3			0.75	1.0	1400		2.0	0.52	19	40	81	210	-	-	-	155	50	100	125	12	15	126	100			9.6						
80B3					2800			0.28																								
80B5	1400	0.52			-	80		100			3.0		-	-	-		-	-	-	-	-	-	-	-	30*6	280	10.0					
80B5	2800	0.28																														
80B14	1400	0.52																														
80B14	2800	0.28																									9.6					
90sB3	1.1	1.5	1400	3.0	0.80	24	50	90	131.5	-	-	-	155	50	100	125	12	15	126	100	42*8	312	11.7									
80B3			2800		0.42	19	40		210					30*6	280																	
90sB5			1400		0.80	24	50	-	131.5	130	165	3.5		-	-	-	-	-	-	-	-	-	42*8	312	12.5							
80B5			2800		0.42	19	40		210	130	100	3.5											30*6	280								
90sB14			1400		0.80	24	50	-	131.5	95	115	3.5		-	-	-	-	-	-	-	-	-	42*8	312	-							
80B14			2800		0.42	19	40		210	80	100	3.0											30*6	280								
90LB3	1.5	2.0	1400	4.0	1.04	24	50	90	131.5	-	-	-	155	56	125	140	12	15	175	157		337	14.5									
90sB3			2800		0.52						312																					
90LB5			1400		1.04			-		95	115	3.5		-	-	-	-	-	-	-	-	-	-	-	42*8	337	14.8					
90sB5			2800		0.52																					312						
90LB14			1400		1.04																					337	-					
90sB14			2800		0.52																					312						

MOTHER make electric motor suitable for 415±10%,50Hz±5% 3phase supply, ambient temperature 50°C
 Class 'F' insulation, IP55 protection, continous rated(S1 duty) with bare shaft & key as per IS: 12615
 Connection box can be rotated by 360° in steps of 90°. Provision of six lead for star/delta connection