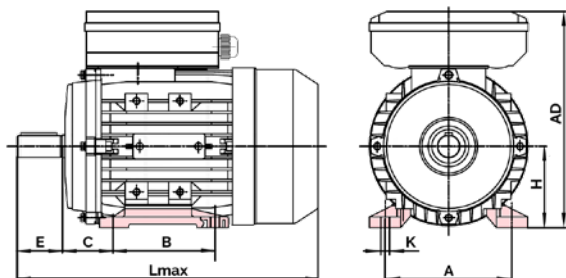
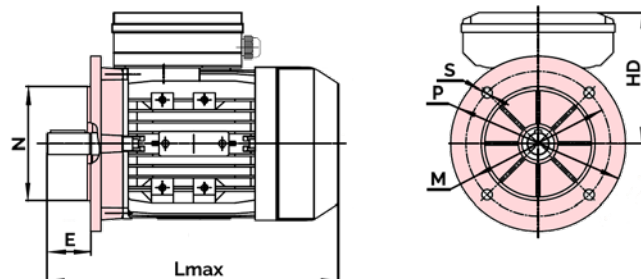


BDM Type

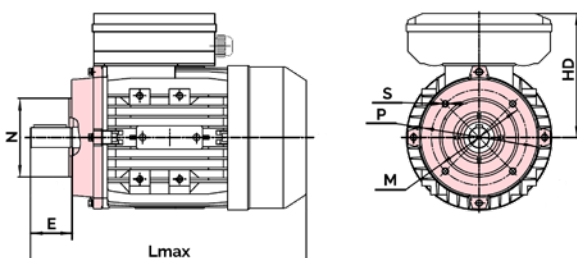
B3



B5



B14



SHAFT



Single phase, dual capacitor, aluminum frame motors

Frame size								B3						B5				B14			
	Poles	D	G	F	E	Lmax	HD	H	A	B	C	AD	K	M	N	P	S	M	N	P	S
63	2-6	11	8,50	4	23	217	116	63	100	80	40	179	7'10	115	95	140	10	75	60	90	M5
71	2-6	14	11	6	30	255	123	71	112	90	45	194	7'10	130	110	160	10	85	70	105	M6
80	2-6	19	15,50	8	40	290	143	80	125	100	50	223	10'13	165	130	200	12	100	80	120	M6
90 S	2-6	24	20	8	50	335	150	90	140	100	56	240	10'13	165	130	200	12	115	95	140	M8
90 L	2-6	24	20	8	50	335	150	90	140	125	56	240	10'13	165	130	200	12	115	95	140	M8
100''	2-6	28	24	8	60	403	171	100	160	140	63	271	12'15	215	180	250	15	130	110	160	M8
100''	2-6	28	24	8	60	421	171	100	160	140	63	271	12'15	215	180	250	15	130	110	160	M8
112 M	2-6	28	24	8	60	431	185	112	160	140	70	297	12'15	215	180	250	15	130	110	160	M8

IP55 - IC 411 - Insulation class F, temperature rise class B

Output kW	Motor type	Speed r/min	Efficiency	Power factor Cos φ	Current		Torque			Moment of inertia	Weight	Noise	Product code
			100% load		I _N (A)	I _{ST} /I _N	T _N Nm	T _{ST} /T _N	T _{max} /T _N				
3000 r/min = 2 poles 230 V 50 Hz													
0.18	BDM 631-2	2820	62.00	0.90	1.40	4.80	0.60	1.90	1.80	0.00014	4	70	BDM0018.06B2".11
0.25	BDM 632-2	2800	67.50	0.90	1.70	4.80	0.90	2.30	1.80	0.00017	4	70	BDM0025.06C2".11
0.37	BDM 711-2	2780	70.50	1.00	2.40	5.20	1.30	2.50	1.60	0.00033	6	75	BDM0037.07B2".11
0.55	BDM 712-2	2790	74.50	1.00	3.30	6.00	1.90	2.50	1.80	0.00044	7	75	BDM0055.07C2".11
0.75	BDM 801-2	2840	77.50	1.00	4.30	6.50	2.50	2.50	1.80	0.00078	9	75	BDM0075.08B2".11
1.10	BDM 802-2	2850	79.50	1.00	6.10	6.50	3.70	2.30	1.80	0.00094	10	78	BDM0110.08C2".11
1.50	BDM 90S-2	2860	80.00	1.00	8.20	6.60	5.00	2.50	1.80	0.00151	14	80	BDM0150.09A2".11
2.20	BDM 90L-2	2850	81.00	1.00	11.90	6.40	7.40	2.50	1.80	0.00200	17	80	BDM0220.09H2".11
3.00	BDM 100L-2	2830	75.00	1.00	17.80	6.00	10.10	2.50	1.60	0.00480	25	83	BDM0300.10H2".11
3.70	BDM 112M1-2	2900	82.50	1.00	19.90	7.60	12.20	2.50	1.80	0.00717	33	84	BDM0370.11E2".11
4.00	BDM 112M2-2	2900	83.50	1.00	21.30	7.90	13.20	2.50	1.80	0.00745	34	84	BDM0400.11F2".11
1500 r/min = 4 poles 230 V 50 Hz													
0.12	BDM 631-4	1380	54.50	1.00	1.10	5.50	0.80	2.50	1.70	0.00029	4	65	BDM0012.06B4".11
0.18	BDM 632-4	1340	60.00	1.00	1.40	4.50	1.30	2.30	1.40	0.00034	5	65	BDM0018.06C4".11
0.25	BDM 711-4	1415	63.00	1.00	1.80	4.80	1.70	2.50	1.70	0.00060	6	65	BDM0025.07B4".11
0.37	BDM 712-4	1410	65.50	1.00	2.50	5.00	2.50	2.30	1.60	0.00076	7	68	BDM0037.07C4".11
0.37	BDM 800-4	1420	66.50	1.00	2.50	5.50	2.50	2.50	1.80	0.00111	9	68	BDM0037.08A4".11
0.55	BDM 801-4	1420	71.50	1.00	3.50	5.80	3.70	2.50	1.80	0.00138	10	70	BDM0055.08B4".11
0.75	BDM 802-4	1420	73.00	1.00	4.60	5.80	5.00	2.50	1.80	0.00166	11	70	BDM0075.08C4".11
1.10	BDM 90S-4	1420	76.00	1.00	6.60	6.00	7.40	2.50	1.70	0.00251	14	73	BDM0110.09A4".11
1.50	BDM 90L-4	1420	78.50	1.00	8.60	6.50	10.10	2.50	1.80	0.00325	17	75	BDM0150.09H4".11
2.20	BDM 100L1-4	1440	80.50	1.00	12.10	6.50	14.60	2.50	1.70	0.00805	23	78	BDM0220.10I4".11
3.00	BDM 100L2-4	1445	83.00	1.00	16.40	6.70	19.80	2.40	1.80	0.01054	29	78	BDM0300.10J4".11
3.70	BDM 112M1-4	1430	83.50	1.00	19.70	6.80	24.70	2.40	1.80	0.01361	31	79	BDM0370.11E4".11
4.00	BDM 112M2-4	1435	83.50	1.00	21.30	6.80	26.60	2.50	1.80	0.01449	33	79	BDM0400.11F4".11
1000 r/min = 6 poles 230 V 50 Hz													
0.18	BDM 711-6	930	60.00	1.00	1.40	5.20	1.90	2.30	1.70	0.00097	6	68	BDM0018.07B6".11
0.37	BDM 801-6	935	67.00	1.00	2.50	5.20	3.80	2.20	1.60	0.00183	10	68	BDM0037.08B6".11
0.55	BDM 802-6	935	71.00	1.00	3.50	5.40	5.60	2.20	1.50	0.00237	11	70	BDM0055.08C6".11
0.75	BDM 90S-6	945	71.00	1.00	4.70	6.80	7.60	2.10	1.50	0.00353	14	70	BDM0075.09A6".11
1.10	BDM 90L-6	945	74.00	1.00	6.70	6.80	11.10	2.50	1.50	0.00479	17	70	BDM0110.09H6".11
1.50	BDM 100L-6	960	77.00	1.00	8.70	7.00	14.90	2.30	1.60	0.01078	24	72	BDM0150.10H6".11
2.20	BDM 112M-6	965	82.00	1.00	12.00	8.30	21.80	2.50	1.70	0.01952	31	75	BDM0220.11D6".11

Replace ["] with the desired mounting position: B3 - [03] | B5 - [05] | B14 - [14] | B3/B5 - [35] | B3/B14 - [34]