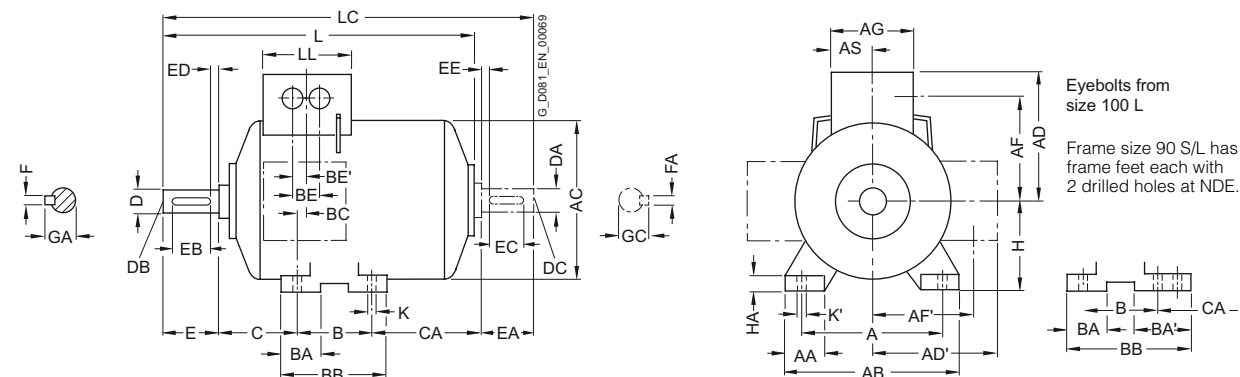
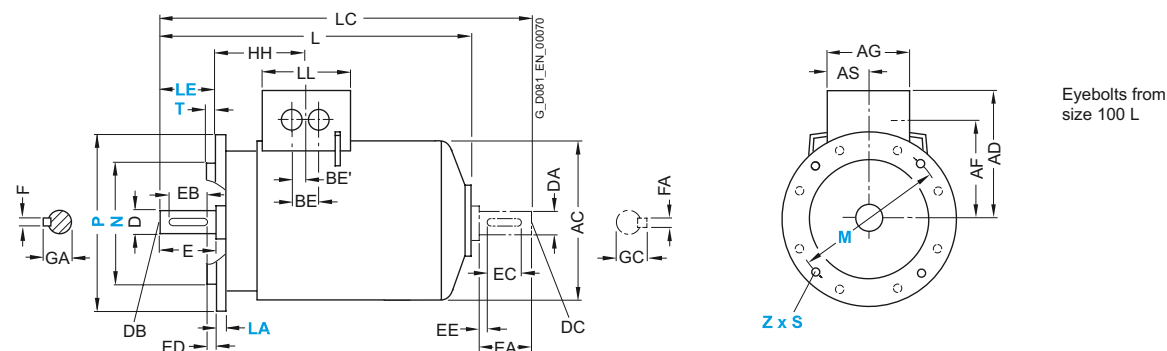


Type of construction IM B3



Types of construction IM B5 and IM V1

For flange dimensions, see "Flange dimensions" (Z = the number of retaining holes)

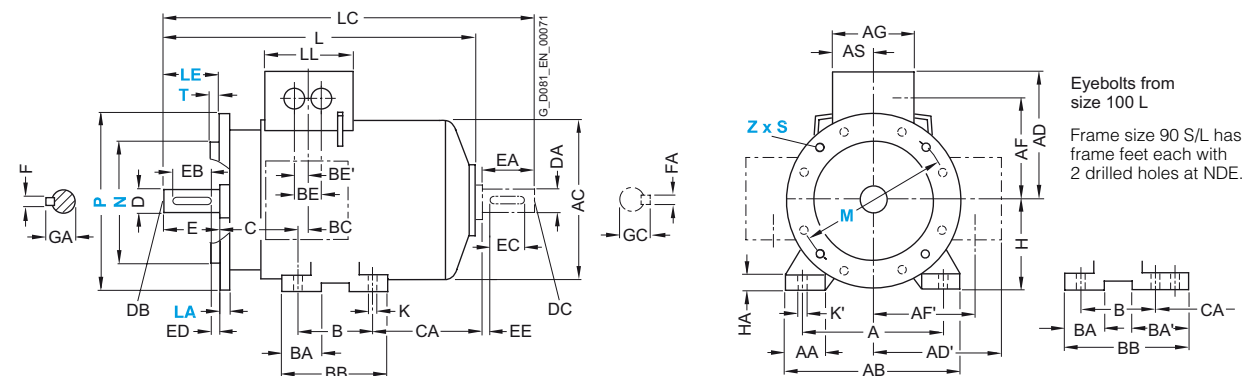


For motor			Dimension designation acc. to IEC																						
Frame size	Type	Number of poles	A	AA	AB	AC	AD	AD'	AF	AF'	AG	AS	B*	BA	BA'	BB	BC	BE	BE'	C	CA*	H	HA		
63 M	1LP7 060 1LP7 063	2, 4, 6	100	27	120	124	101	101	78	78	75	37.5	80	28	–	96	30	32	18	40	40	63	7		
71 M	1LP7 070 1LP7 073	2, 4, 6, 8	112	27	132	145	111	111	88	88	75	37.5	90	27	–	106	18	32	18	45	42	71	7		
80 M	1LP7 080 1LP7 083	2, 4, 6, 8	125	30.5	150	163	120	120	97	97	75	37.5	100	32	–	118	14	32	18	50	47	80	8		
90 S 90 L	1LP7 090 1LP7 096	2, 4, 6, 8	140	30.5	165	180	128	128	105	105	75	37.5	100 125	33	54	143	23	32	18	56	80 55	90	10		
100 L	1LP7 106 1LP7 107	2, 4, 6, 8 4, 8	160	42	196	203	135	163	78	123	120	60	140	47	–	176	39	42	21	63	68	100	12		
112 M	1LP7 113	2, 4, 6, 8	190	46	226	227	148	176	91	136	120	60	140	47	–	176	32	42	21	70	79	112	12		
132 S	1LP7 130	2, 4, 6, 8	216	53	256	267	167	194	107	154	140	70	140	49	–	180	39	42	21	89	96	132	15		
132 M	1LP7 133 1LP7 134	2 4, 6, 8 6	216	53	256	267	167	194	107	154	140	70	178	49	–	218	39	42	21	89	58	132	15		
160 M	1LP7 163 1LP7 164	2, 4, 6, 8 2, 8	254	60	300	320	197	226	127	183	165	82.5	210	57	–	256	52.5	54	27	108	107	160	18		
160 L	1LP7 166	2, 4, 6, 8	254	60	300	320	197	226	127	183	165	82.5	254	57	–	300	52.5	54	27	108	63	160	18		
180 M	1LP5 183	2, 4	279	69.5	339	363	258	258	216	216	152	71	241	50	–	287	38	54	27	121	145	180	18		
180 L	1LP5 186	4, 6, 8	279	69.5	339	363	258	258	216	216	152	71	279	50	–	325	38	54	27	121	107	180	18		
200 L	1LP5 206 1LP5 207	2, 6 2, 4, 6, 8	318	83	388	402	305	305	252	252	260	96	305	58.5	–	355	45	85	42.5	133	133	200	24		

* This dimension is assigned in DIN EN 50347 to the frame size listed.

Types of construction IM B35

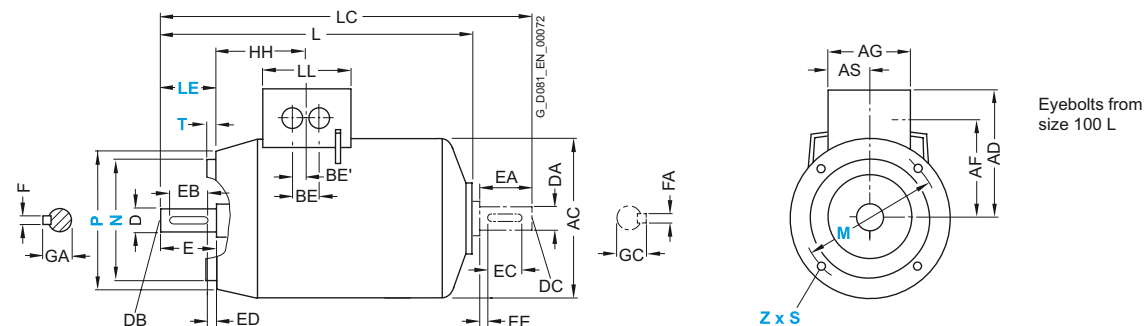
For flange dimensions, see "Flange dimensions" (Z = the number of retaining holes)



Type of construction IM B14

Type of construction IM B14 not possible for 1LP5 motors, frame sizes 180 M to 200 L

For flange dimensions, see "Flange dimensions" (Z = the number of retaining holes)



For motor			Dimension designation acc. to IEC							DE shaft extension							NDE shaft extension						
Frame size	Type	Number of poles	HH	K	K'	L	LC	LL	D	DB	E	EB	ED	F	GA	DA	DC	EA	EC	EE	FA	GC	
63 M	1LP7 060 1LP7 063	2, 4, 6	69.5	7	10	172 ¹⁾	206 ¹⁾	75	11	M4	23	16	3.5	4	12.5	11	M4	23	16	3.5	4	12.5	
71 M	1LP7 070 1LP7 073	2, 4, 6, 8	63.5	7	10	207	240	75	14	M5	30	22	4	5	16	14	M5	30	22	4	5	16	
80 M	1LP7 080 1LP7 083	2, 4, 6, 8	63.5	9.5	13.5	237	280	75	19	M6	40	32	4	6	21.5	19	M6	40	32	4	6	21.5	
90 S 90 L	1LP7 090 1LP7 096	2, 4, 6, 8	79	10	14	286 286	333 333	75	24	M8	50	40	5	8	27	19	M6	40	32	4	6	21.5	
100 L	1LP7 106 1LP7 107	2, 4, 6, 8 4, 8	102	12	16	331	385 ²⁾	120	28	M10	60	50	5	8	31	24	M8	50	40	5	8	27	
112 M	1LP7 113	2, 4, 6, 8	102	12	16	349 ³⁾	403 ⁴⁾	120	28	M10	60	50	5	8	31	24	M8	50	40	5	8	27	
132 S	1LP7 130 1LP7 131	2, 4, 6, 8 2	128	12	16	397	485	140	38	M12	80	70	5	10	41	38	M12	80	70	5	10	41	
132 M	1LP7 133 1LP7 134	4, 6, 8 6	128	12	16	397	485	140	38	M12	80	70	5	10	41	38	M12	80	70	5	10	41	
160 M	1LP7 163 1LP7 164	2, 4, 6, 8 2, 8	160.5	15	19	529	645	165	42	M16	110	90	10	12	45	42	M16	110	90	10	12	45	
160 L	1LP7 166	2, 4, 6, 8	160.5	15	19	529	645	165	42	M16	110	90	10	12	45	42	M16	110	90	10	12	45	
180 M	1LP5 183	2, 4	159	15	19	611	727	132	48	M16	110	100	5	14	51.5	48	M16	110	100	5	14	51.5	
180 L	1LP5 186	4, 6, 8	159	15	19	611	727	132	48	M16	110	100	5	14	51.5	48	M16	110	100	5	14	51.5	
200 L	1LP5 206 1LP5 207	2, 6 2, 4, 6, 8	178	19	25	675	791	192	55	M20	110	100	5	16	59	55	M20	110	100	5	16	59	

¹⁾ For 1LP7 063 with type of construction code 1 (B5, IM V1 without protective cover, IM V3) the dimensions L and LC are 26 mm longer.

²⁾ For IM B14, 381 mm.

³⁾ For IM B5, 345 mm.

⁴⁾ For IM B5, 399 mm.