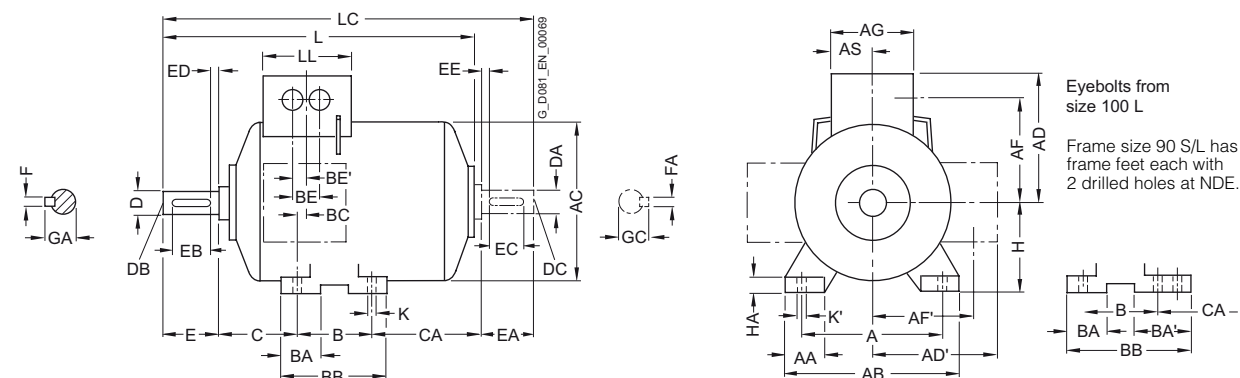
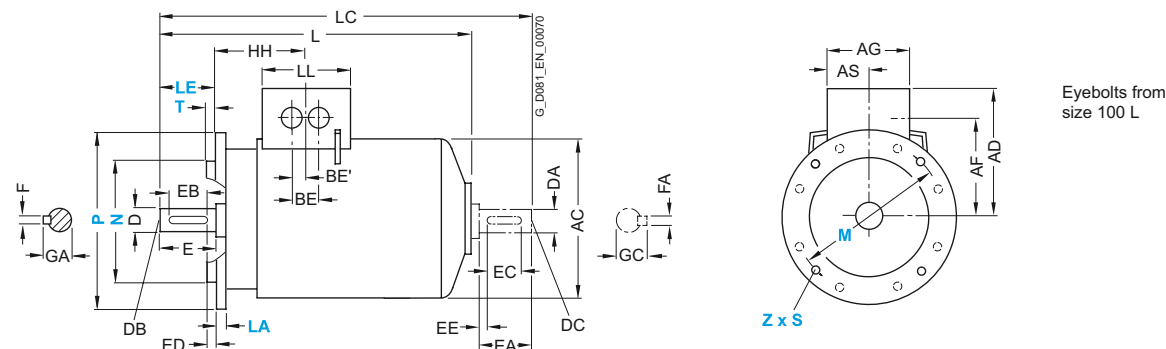


Type of construction IM B3



Types of construction IM B5 and IM V1

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



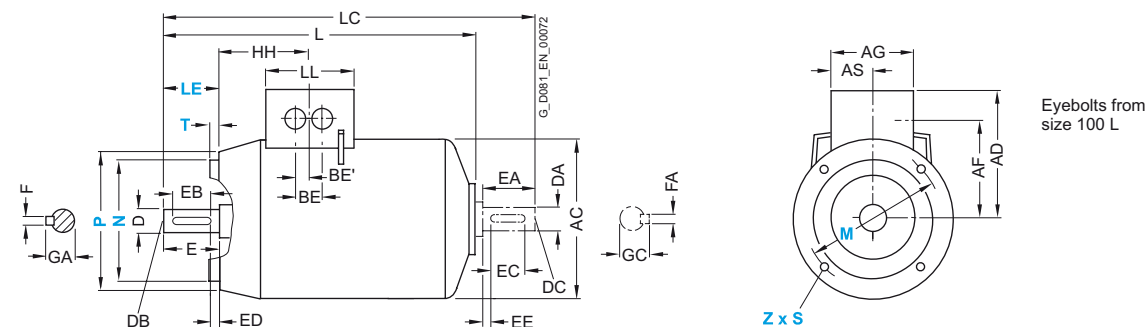
For motor			Dimension designation acc. to IEC																					
Frame size	Type	Number of poles	A	AA	AB	AC	AD	AD'	AF	AF'	AG	AS	B*	BA	BA'	BB	BC	BE	BE'	C	CA*	H	HA	
63 M	1PP7 060 1PP7 063	2, 4, 6	100	27	120	124	101	101	78	78	75	37.5	80	28	–	96	30	32	18	40	40	63	7	
71 M	1PP7 070 1PP7 073	2, 4, 6, 8	112	27	132	145	111	111	88	88	75	37.5	90	27	–	106	18	32	18	45	42	71	7	
80 M	1PP7 080 1PP7 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	1PP7 090 1PP7 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	1PP7 106 1PP7 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	1PP7 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	1PP7 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	1PP7 131 1PP7 133 1PP7 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	1PP7 163	2, 4, 6, 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	1PP7 164 1PP7 166	2, 8 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	1PP5 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	1PP5 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	1PP5 206 1PP5 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.

Type of construction IM B14

Type of construction IM B14 not possible for 1PP5 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	1PP7 060 1PP7 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	1PP7 070 1PP7 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	1PP7 080 1PP7 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	1PP7 090 1PP7 096	2, 4, 6, 8	79	10	14	286	333	75	24	M8	50	40	5	8	27	19	M6	40	32	4	6	21.5			
100 L	1PP7 106 1PP7 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	1PP7 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	1PP7 130 1PP7 131 2	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	1PP7 133 1PP7 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	1PP7 163 1PP7 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	1PP7 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	1PP5 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	1PP5 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	1PP5 206 1PP5 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 1PP7 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⁾ 381 mm for IM B14 type of construction.

³⁾ 345 mm for IM B5 type of construction.

⁴⁾ 399 mm for IM B5 type of construction.