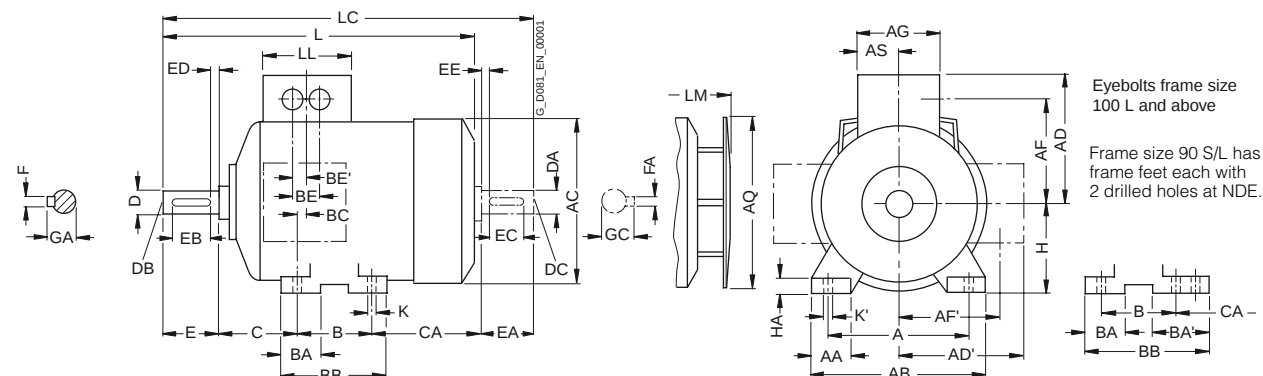
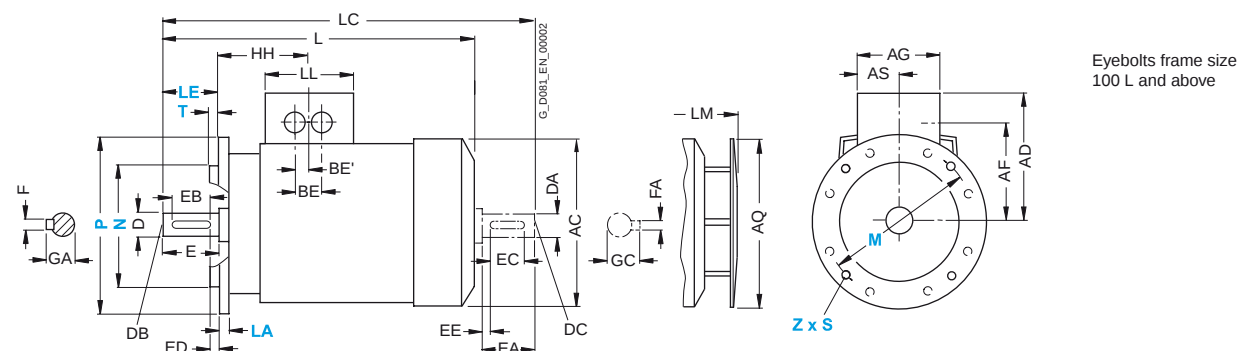


Type of construction IM B3



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	A	AA	AB	AC ¹⁾	AD ²⁾	AD'	AF ²⁾	AF'	AG ²⁾	AQ	AS	B*	BA	BA'	BB	BC	BE ²⁾	BE' ²⁾	C	CA*	H	HA
80 M	1LA7 080 1LA7 083	125	30.5	150	163	120	120	97	97	75	124	37.5	100	32	–	118	14	32	18	50	94	80	8
90 S 90 L	1LA7 090 1LA7 096	140	30.5	165	180	128	128	105	105	75	170	37.5	100 125	33	54	143	23	32	18	56	143 118	90	10
100 L	1LA7 106 1LA7 107	160	42	196	203	135	163	78	123	120	170	60	140	47	–	176	39	42	21	63	125	100	12
112 M	1LA7 113	190	46	226	227	148	176	91	136	120	170	60	140	47	–	176	32	42	21	70	141	112	12
132 S	1LA7 130 1LA7 131	216	53	256	267	167	194	107	154	140	250	70	140	49	–	180	39	42	21	89	162.5	132	15
132 M	1LA7 133 1LA7 134	216	53	256	267	167	194	107	154	140	250	70	178	49	–	218	39	42	21	89	124.5	132	15
160 M	1LA7 163 1LA7 164	254	60	300	320	197	226	127	183	165	250	82.5	210	57	–	256	52.5	54	27	108	183	160	18
160 L	1LA7 166	254	60	300	320	197	226	127	183	165	250	82.5	254	57	–	300	52.5	54	27	108	139	160	18
180 M	1LA5 183	279	69.5	339	363	258	258	216	216	152	340	71	241	50	–	287	38	54	27	121	259	180	18
180 L	1LA5 186	279	69.5	339	363	258	258	216	216	152	340	71	279	50	–	325	38	54	27	121	221	180	18
200 L	1LA5 206 1LA5 207	318	83	388	402	305	305	252	252	260	340	96	305	58.5	–	355	45	85	42.5	133	239	200	24

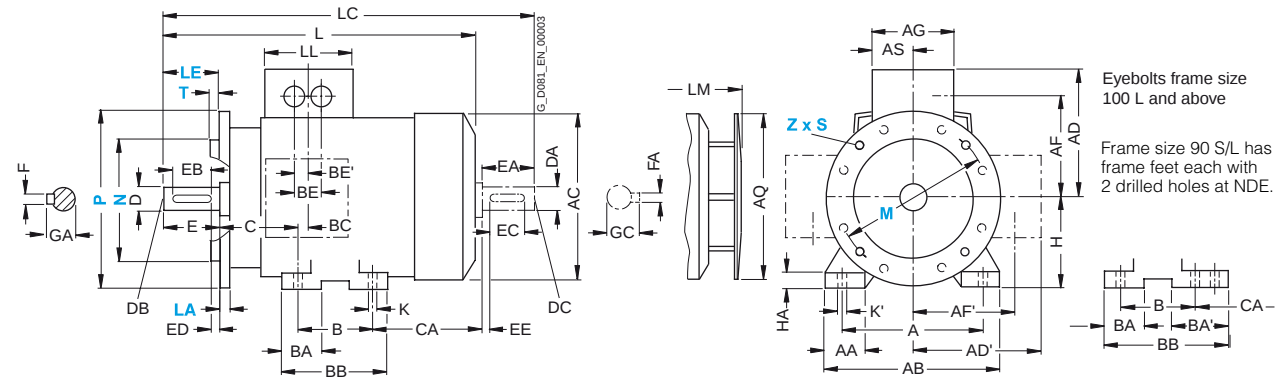
* This dimension is assigned in DIN EN 50347 to the frame size listed.

1) Measured across the bolt heads.

2) The values increase if the connection box is rotated or if a brake is mounted. Further information is provided by the dimension sheet generator in SD configurator.

Type of construction IM B35

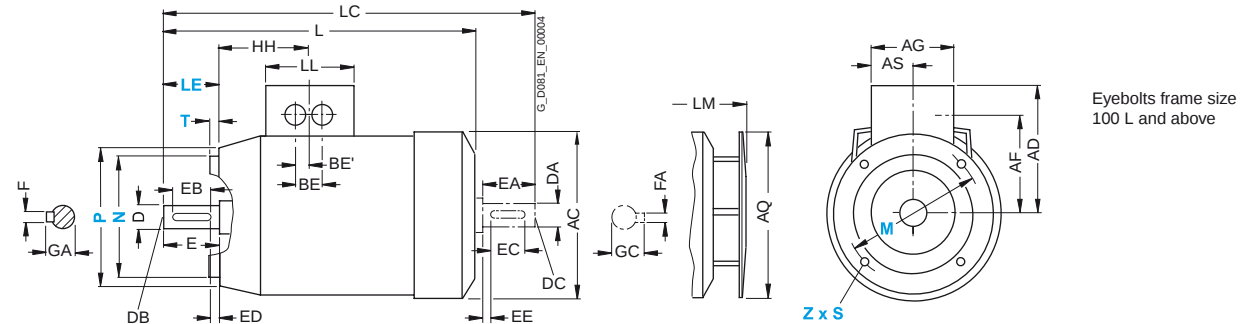
For flange dimensions, see "Flange dimensions" (Z = the number of retaining holes)



Type of construction IM B14

Type of construction IM B14 not possible for 1LA5 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	HH	K	K'	L	LC	LL	LM	D	DB	E	EB	ED	F	GA	DA	DC	EA	EC	EE	FA	GC
80 M	1LA7 080 1LA7 083	63.5	9.5	13.5	273.5	324 364	75	299.5	19	M6	40	32	4	6	21.5	19	M6	40	32	4	6	21.5
90 S 90 L	1LA7 090 1LA7 096	79	10	14	331	389	75	382.5	24	M8	50	40	5	8	27	19	M6	40	32	4	6	21.5
100 L	1LA7 106 1LA7 107	102	12	16	372	438	120	423.5	28	M10	60	50	5	8	31	24	M8	50	40	5	8	27
112 M	1LA7 113	102	12	16	393	461	120	444.5	28	M10	60	50	5	8	31	24	M8	50	40	5	8	27
132 S	1LA7 130 1LA7 131	128	12	16	452.5	551.5	140	505	38	M12	80	70	5	10	41	38	M12	80	70	5	10	41
132 M	1LA7 133 1LA7 134	128	12	16	452.5	551.5	140	505	38	M12	80	70	5	10	41	38	M12	80	70	5	10	41
160 M	1LA7 163 1LA7 164	160.5	15	19	588	721	165	640.5	42	M16	110	90	10	12	45	42	M16	110	90	10	12	45
160 L	1LA7 166	160.5	15	19	588	721	165	640.5	42	M16	110	90	10	12	45	42	M16	110	90	10	12	45
180 M	1LA5 183	159	15	19	712	841	132	793.5	48	M16	110	100	5	14	51.5	48	M16	110	100	5	14	51.5
180 L	1LA5 186	159	15	19	712	841	132	793.5	48	M16	110	100	5	14	51.5	48	M16	110	100	5	14	51.5
200 L	1LA5 206 1LA5 207	178	19	25	769.5	897	192	850	55	M20	110	100	5	16	59	55	M20	110	100	5	16	59