

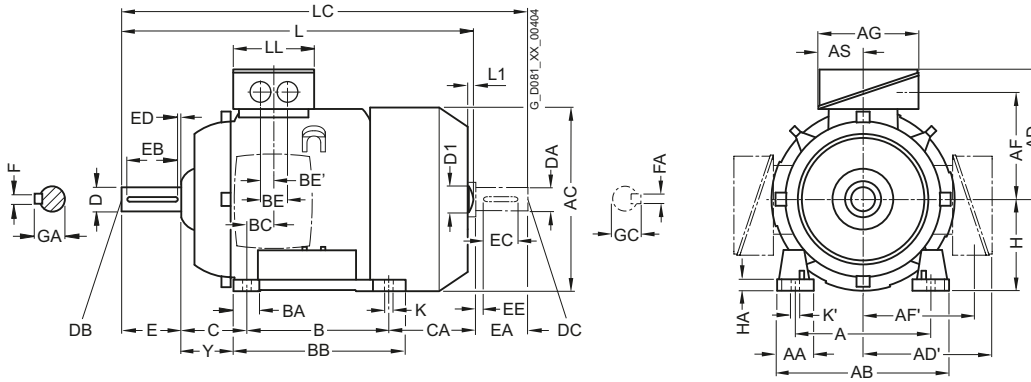
SIMOTICS GP 1LE1 Standard Motors

Dimensions

Aluminum series 1LE1003, 1LE1023
Self-ventilated, frame sizes 80 M to 90 L

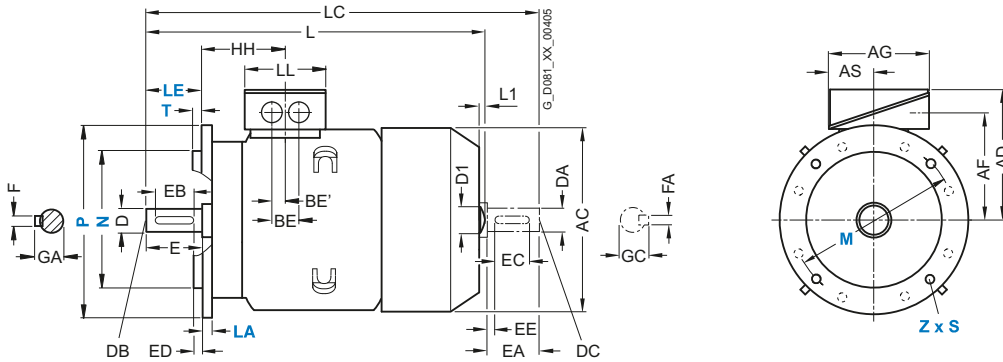
Dimensional drawings

Type of construction IM B3



Types of construction IM B5, IM V1

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



For motor			Dimension designation acc. to IEC																				
Frame size	No. of poles	Motor type	A	AA	AB	AC	AD	AD'	AF	AF'	AG	AS	B*	BA	BB	BC	BE	BE'	C ¹⁾	CA*	H	HA	Y ¹⁾
80 M	2, 4, 6	1LE1003-0DA2, -0DB2, -0DC2 -0DA3, -0DB3, -0DC3	125	30.5	150	159	121	-	96.5	-	93	43	100	32	118	23	-	18	50	-	80	8	41
		1LE1023-0DA2, -0DB2, -0DC2 -0DA3, -0DB3, -0DC3					149		112		119.5	61.5											
90 S	2, 4, 6	1LE1003-0EA0, -0EB0, -0EC0	140	30.5	165	178	126	-	101.5	-	93	43	100	33	143	22.5	-	18	56	-	90	10	47
		1LE1023-0EA0, -0EB0, -0EC0					154		117		119.5	61.5											
90 L	2, 4, 6	1LE1003-0EA4, -0EB4, -0EC4	140	30.5	165	178	126	-	101.5	-	93	43	100	33	143	22.5	-	18	56	-	90	10	47
		1LE1023-0EA4, -0EB4, -0EC4					154		117		119.5	61.5											

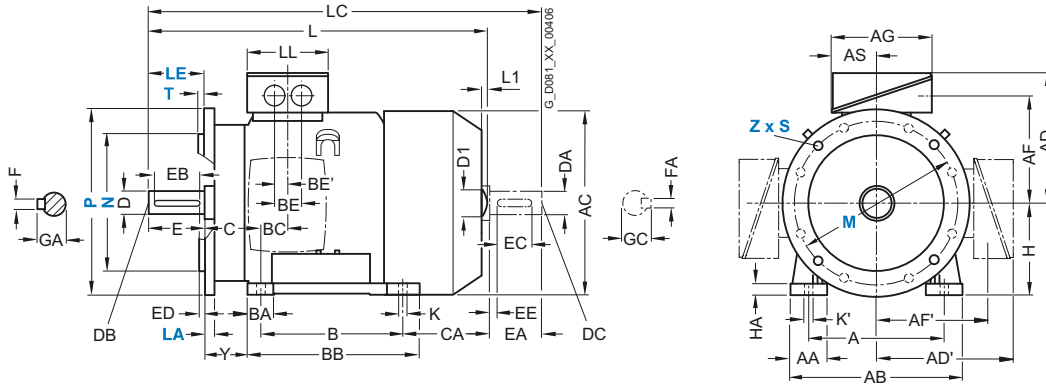
* This dimension is assigned in DIN EN 50347 to the frame size listed.

¹⁾ Additional information – not a standard dimension according to DIN EN 50347.

Dimensional drawings (continued)

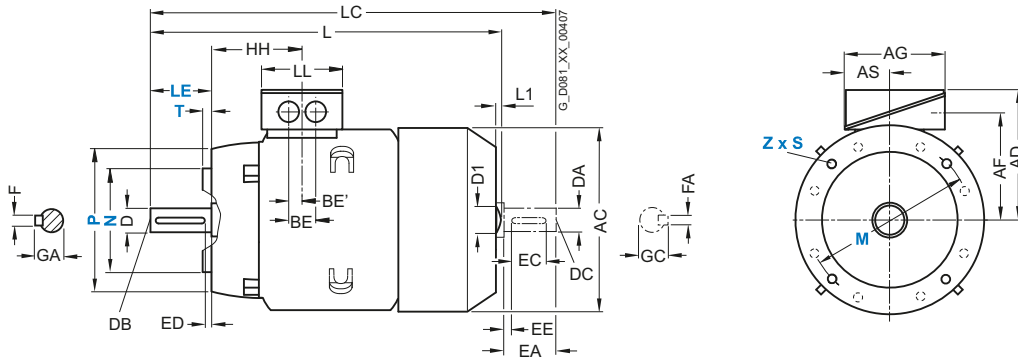
Type of construction IM B35

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



Type of construction IM B14

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



For motor			Dimension designation acc. to IEC																					
Frame size	No. of poles	Motor type	HH	K	K'	L ¹⁾	L1	D1	LC	LL	D	DB	E	EB	ED	F	GA	DA	DC	EA	EC	EE	FA	GC
80 M	2, 4, 6	1LE1003-0DA2, -0DB2, -0DC2, -0DA3, -0DB3, -0DC3	73	9.5	13.5	292	-	-	-	79	19	M6	40	32	4	6	21.5	19	M6	40	32	4	6	21.5
		1LE1023-0DA2, -0DB2, -0DC2, -0DA3, -0DB3, -0DC3				327																		
90 S	2, 4, 6	1LE1003-0EA0, -0EB0, -0EC0	78.5	10	14	347	-	-	-	79	24	M8	50	40	5	8	27	19	M6	40	32	4	6	21.5
		1LE1023-0EA0, -0EB0, -0EC0																						
90 L	2, 4, 6	1LE1003-0EA4, -0EB4, -0EC4	78.5	10	14	387	-	-	-	79	24	M8	50	40	5	8	27	19	M6	40	32	4	6	21.5
		1LE1023-0EA4, -0EB4, -0EC4																						

¹⁾ The length is specified as far as the tip of the fan cover.