

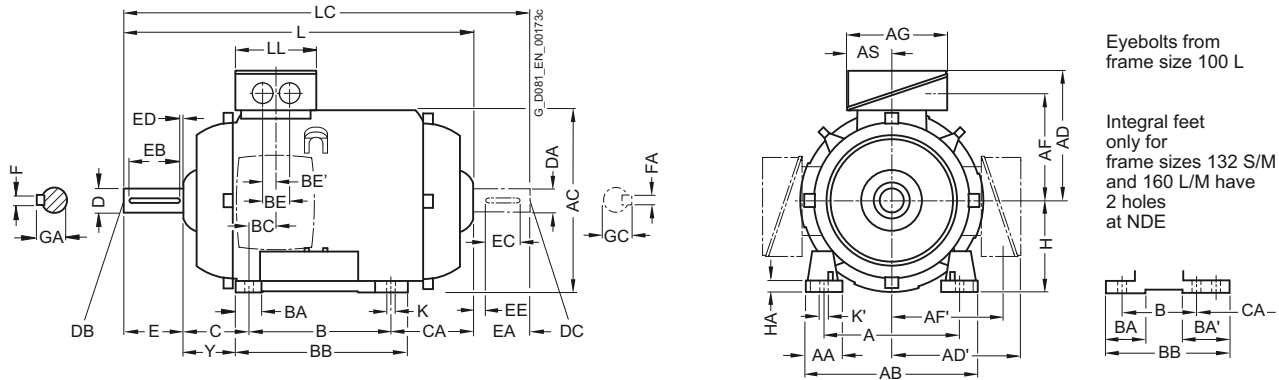
SIMOTICS GP 1LE1 Standard Motors

Dimensions

Aluminum series 1LE1023
Forced-air cooled, frame sizes 80 M to 90 L

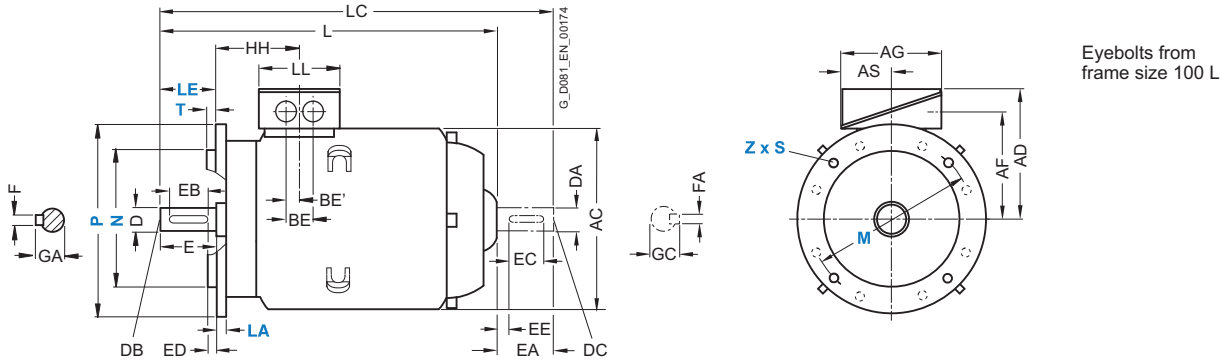
Dimensional drawings

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 1LE1023	A	AA	AB	AC	AD	AD'	AF	AF'	AG	AS	B*	BA	BA'	BB	BC	BE	BE'	C ¹⁾	CA*
80 M	2, 4, 6	0DA2, 0DB2, 0DC2	125	30.5	150	159	121	–	96.5	–	93	43	100	32	–	118	23	–	18	50	–
	2, 4, 6	0DA3, 0DB3, 0DC3																			
90 S	2, 4, 6	0EA0, 0EB0, 0EC0	140	30.5	165	178	126	–	101.5	–	93	43	100	33	–	143	22.5	–	18	56	–
90 L	2, 4, 6	0EA4, 0EB4, 0EC4	140	30.5	165	178	126	–	101.5	–	93	43	100	33	–	143	22.5	–	18	56	–

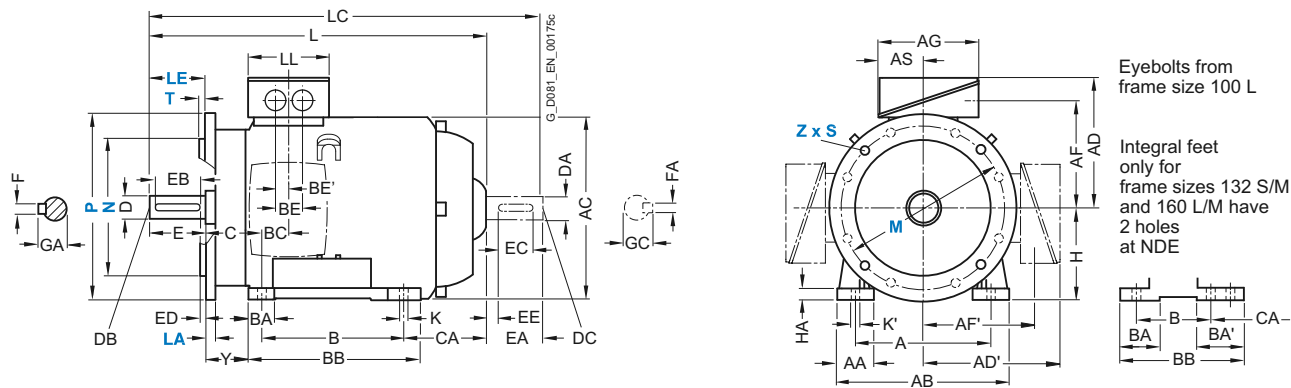
* This dimension is assigned in DIN EN 50347 to the frame size listed.

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

Dimensional drawings (continued)

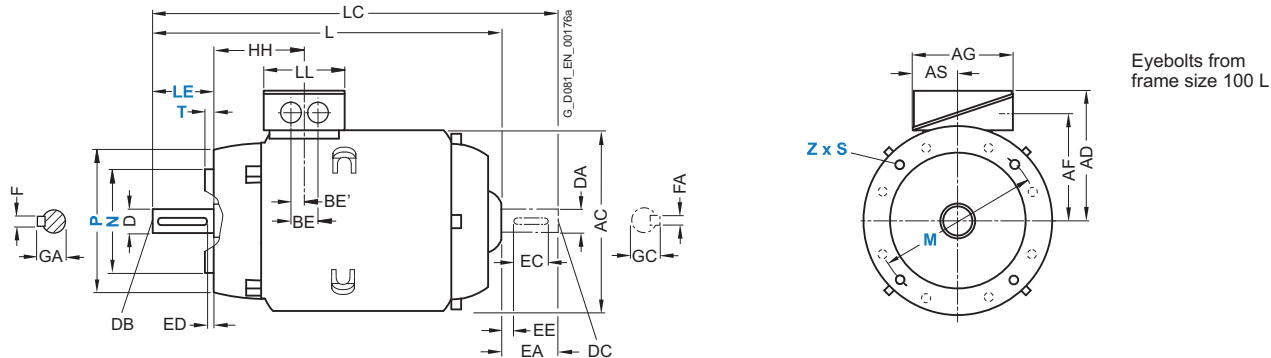
Type of construction IM B35

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

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