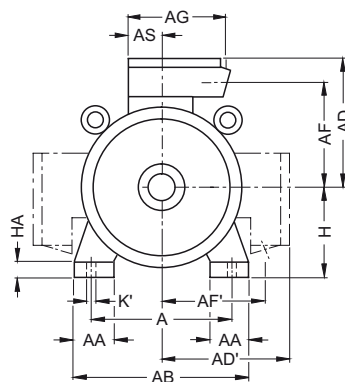
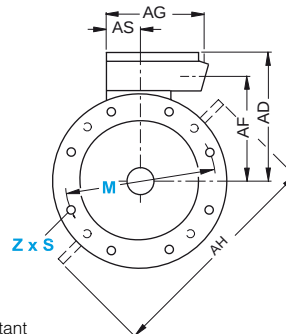
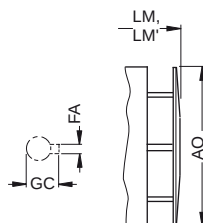


Frame sizes 180 M/L, 225 S/M, 280 S/M and 315 S/M/L have frame feet each with 2 drilled holes at NDE.



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



The motors are supplied with two fitted eyebolts conforming to IM B5, whereby one can be repositioned to conform to IM V1 or IM V3. It is important to note that stress must not be applied perpendicular to the ring plane.

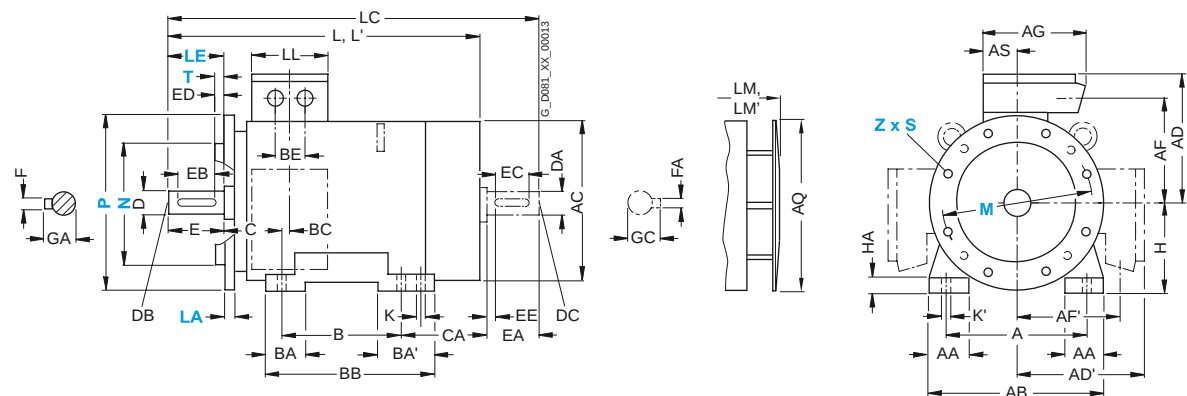
* This dimension is assigned in DIN EN 50347 to the frame size listed.

1) Measured across the bolt heads.

2) With order codes for connection box positions (K09, K10, K11) only fitted feet with 3 drilled holes with dimension "B" (406, 457 and 508 mm). BB will then be 666 mm.

Type of construction IM B35

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	L ⁽¹⁾	LC ⁽²⁾	LL	LM	LM ⁽¹⁾	D	DB	E	EB	ED	F	GA	DA	DC	EA	EC	EE	FA	GC
180 M	1LG4 183	2, 4	157	15	19	669	669	784	132	759	759	48	M16	110	100	5	14	51.5	48	M16	110	100	5	14	51.5
180 L	1LG4 186	4, 6, 8	157	15	19	669	—	784	132	759	—	48	M16	110	100	5	14	51.5	48	M16	110	100	5	14	51.5
	1LG4 188	2, 4, 6, 8	157	15	19	720	720	835	132	810	810	48	M16	110	100	5	14	51.5	48	M16	110	100	5	14	51.5
200 L	1LG4 206	2, 6	196	19	25	720	754	835	192	810	844	55	M20	110	100	5	16	59	55	M20	110	100	5	16	59
	1LG4 207	2, 4, 6, 8	196	19	25	720	754	835	192	810	844	55	M20	110	100	5	16	59	55	M20	110	100	5	16	59
	1LG4 208	2, 6	196	19	25	777	811	892	192	867	901	55	M20	110	100	5	16	59	55	M20	110	100	5	16	59
		4, 8				720	—	835		810	—														
225 S	1LG4 220	4, 8	196	19	25	789	—	903	192	889	—	60	M20	140	125	10	18	64	55	M20	110	100	5	16	59
225 M	1LG4 223	2	196	19	25	759	793	873	192	859	893	55	M20	110	100	5	16	59	48	M16	110	100	5	14	51.5
		4, 6, 8				789	—	903		889	—	60	M20	140	125	10	18	64	55	M20	110	100	5	16	59
	1LG4 228	2	196	19	25	819	853	933	192	919	953	55	M20	110	100	5	16	59	48	M16	110	100	5	14	51.5
		4, 6, 8				849	—	963		949	—	60	M20	140	125	10	18	64	55	M20	110	100	5	16	59
250 M	1LG4 253	2	237	24	30	887	924	1002	236	987	1024	60	M20	140	125	10	18	64	55	M20	110	100	5	16	59
		4, 6, 8				—	—	1032		—	—	65	M20	140	125	10	18	69	60	M20	140	125	10	18	64
	1LG4 258	2	237	24	30	887	924	1002	236	987	1024	60	M20	140	125	10	18	64	55	M20	110	100	5	16	59
		4				957	—	1102		1057	—	65	M20	140	125	10	18	69	60	M20	140	125	10	18	64
		6, 8				887	—	1032		987	—	65	M20	140	125	10	18	69	60	M20	140	125	10	18	64
280 S	1LG4 280	2	252	24	30	960	998	1105	236	1070	1108	65	M20	140	125	10	18	69	60	M20	140	125	10	18	64
		4, 6, 8				—	—	—		—	—	75	M20	140	125	10	20	79.5	65	M20	140	125	10	18	69
280 M	1LG4 283	2	252	24	30	960	998	1105	236	1070	1108	65	M20	140	125	10	18	69	60	M20	140	125	10	18	64
		4, 6, 8				—	—	—		—	—	75	M20	140	125	10	20	79.5	65	M20	140	125	10	18	69
	1LG4 288	2	252	24	30	1070	1108	1215	236	1180	1218	65	M20	140	125	10	18	69	60	M20	140	125	10	18	64
		4				—	—	—		—	—	75	M20	140	125	10	20	79.5	65	M20	140	125	10	18	69
		6, 8				960	—	1105		1070	—	75	M20	140	125	10	20	79.5	65	M20	140	125	10	18	69
315 S	1LG4 310	2	285	28	35	1072	1142	1217	307	1182	1252	65	M20	140	125	10	18	69	60	M20	140	125	10	18	64
	1LG4 310	4, 6, 8				1102	—	1247		1212	—	80	M20	170	140	25	22	85	70	M20	140	125	10	20	74.5
315 M ³⁾	1LG4 313	2	285	28	35	1072	1142	1217	307	1182	1252	65	M20	140	125	10	18	69	60	M20	140	125	10	18	64
	1LG4 313	4, 6, 8				1102	—	1247		1212	—	80	M20	170	140	25	22	85	70	M20	140	125	10	20	74.5
315 L ³⁾	1LG4 316/317	2	285	28	35	1232	1302	1377	307	1342	1412	65	M20	140	125	10	18	69	60	M20	140	125	10	18	64
	1LG4 316/317	4, 6, 8				1262	—	1407		1372	—	80	M20	170	140	25	22	85	70	M20	140	125	10	20	74.5
	1LG4 318	8				—	—	—		—	—	80	M20	170	140	25	22	85	70	M20	140	125	10	20	74.5
	1LG4 318	6	285	28	35	1402	—	1547	307	1512	—	80	M20	170	140	25	22	85	70	M20	140	125	10	20	74.5

¹⁾ For version with low-noise fan for 2-pole motors.

²⁾ In the low-noise version, a second shaft extension and/or mounted encoder is not possible.

³⁾ With order codes for connection box positions (K09, K10, K11) only fitted feet with 3 drilled holes with dimension "B" (406, 457 and 508 mm). BB will then be 666 mm.