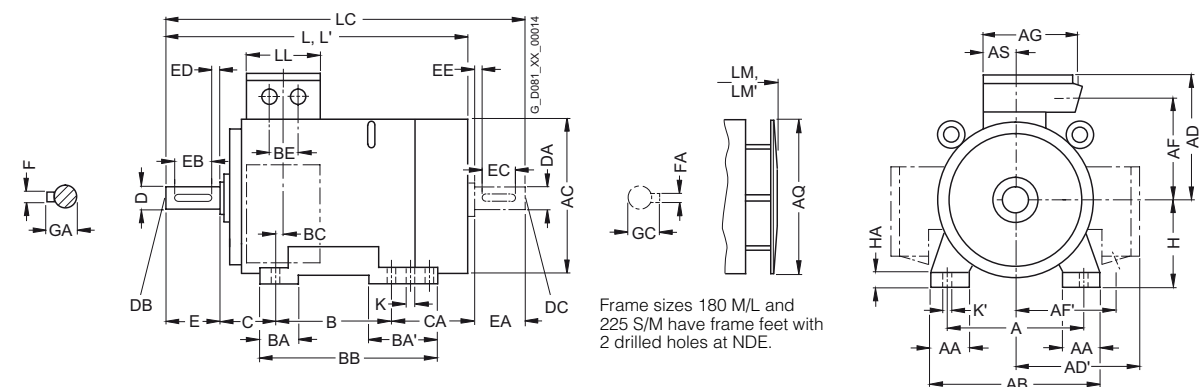
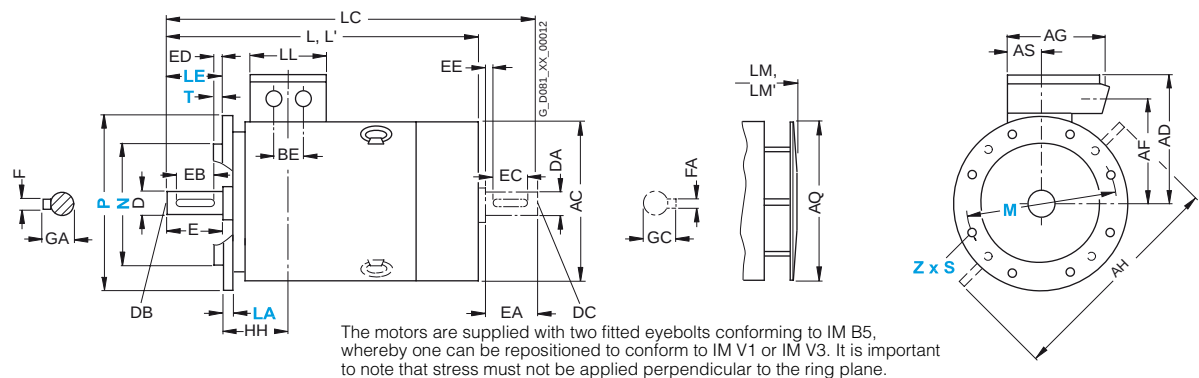


Type of construction IM B3



Types of construction IM B5 and IM V1

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



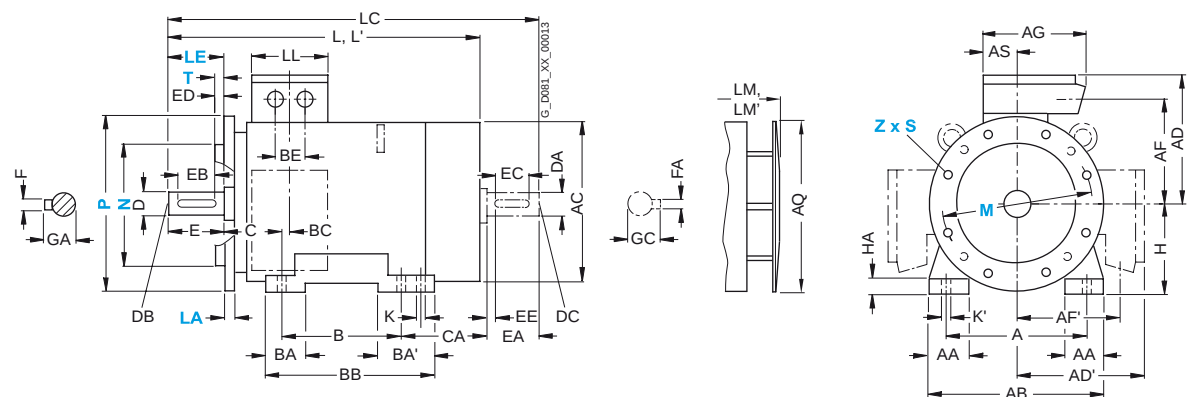
For motor			Dimension designation acc. to IEC																							
Frame size	Type	Number of poles	A	AA	AB	AC ¹⁾	AD	AD'	AF	AF'	AG	AH	AQ	AS	B*	BA	BA'	BB	BC	BE	C	CA*	H	HA		
180 M	1LG6 183	2	279	65	339	363	262	262	220	220	152	452	340	71	241	70	111	328	36	54	121	253	180	20		
180 L	1LG6 186	4	279	65	339	363	262	262	220	220	152	452	340	71	279	70	111	328	36	54	121	202	180	20		
		4, 6, 8	279	65	339	363	262	262	220	220	152	452	340	71	279	70	111	328	36	54	121	215	180	20		
200 L	1LG6 206	2, 6	318	70	378	402	300	300	247	247	260	512	340	96	305	80	80	355	63	85	133	177	200	25		
	1LG6 207	2, 6	318	70	378	402	300	300	247	247	260	512	340	96	305	80	80	355	63	85	133	234	200	25		
		4, 8	318	70	378	402	300	300	247	247	260	512	340	96	305	80	80	355	63	85	133	177	200	25		
225 S	1LG6 220	4, 8	356	80	436	442	325	325	272	272	260	556	425	96	286	85	110	361	47	85	149	218	225	34		
225 M	1LG6 223	2	356	80	436	442	325	325	272	272	260	556	425	96	311	85	110	361	47	85	149	253	225	34		
		4, 6, 8	356	80	436	442	325	325	272	272	260	556	425	96	311	85	110	361	47	85	149	303	225	34		
	1LG6 228	2	356	80	436	442	325	325	272	272	260	556	425	96	311	85	110	361	47	85	149	303	225	34		
		4, 6	356	80	436	442	325	325	272	272	260	556	425	96	311	85	110	361	47	85	149	303	225	34		
250 M	1LG6 253	2	406	100	490	495	392	392	308	308	300	620	470	118	349	100	100	409	69	110	168	235	250	40		
		4	406	100	490	495	392	392	308	308	300	620	470	118	349	100	100	409	69	110	168	305	250	40		
		6, 8	406	100	490	495	392	392	308	308	300	620	470	118	349	100	100	409	69	110	168	235	250	40		
	1LG6 258	2	406	100	490	495	392	392	308	308	300	620	470	118	349	100	100	409	69	110	168	305	250	40		
		4, 6	406	100	490	495	392	392	308	308	300	620	470	118	349	100	100	409	69	110	168	305	250	40		

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

¹⁾ Measured across the bolt heads.

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	LC	LL	LM	D	DB	E	EB	ED	F	GA	DA	DC	EA	EC	EE	FA	GC	
180 M	1LG6 183	2	157	15	19	720	835	132	810	48	M16	110	100	5	14	51.5	48	M16	110	100	5	14	51.5	
		4				669	784		759															
180 L	1LG6 186	4, 6, 8	157	15	19	720	835	132	810	48	M16	110	100	5	14	51.5	48	M16	110	100	5	14	51.5	
200 L	1LG6 206	2, 6	196	19	25	720	835	192	810	55	M20	110	100	5	16	59	55	M20	110	100	5	16	59	
	1LG6 207	2, 6 4, 8	196	19	25	777	892	192	867	55	M20	110	100	5	16	59	55	M20	110	100	5	16	59	
						720	835		810															
225 S	1LG6 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	1LG6 223	2	196	19	25	819	933	192	919	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	
	1LG6 228	2 4, 6	196	19	25	869	983	192	969	55	M20	110	100	5	16	59	48	M16	110	100	5	14	51.5	
						899	1013		999	60	M20	140	125	10	18	64	55	M20	110	100	5	16	59	
250 M	1LG6 253	2	237	24	30	887	1002	236	987	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	
	1LG6 258	2	237	24	30	957	1102	236	1057	60	M20	140	125	10	18	64	55	M20	110	100	5	16	59	
		4, 6									65	M20	140	125	10	18	69	60	M20	140	125	10	18	64