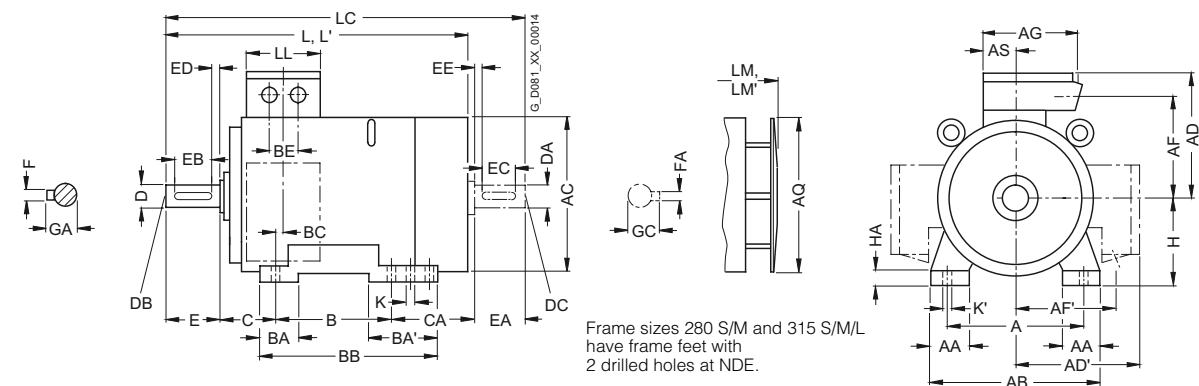
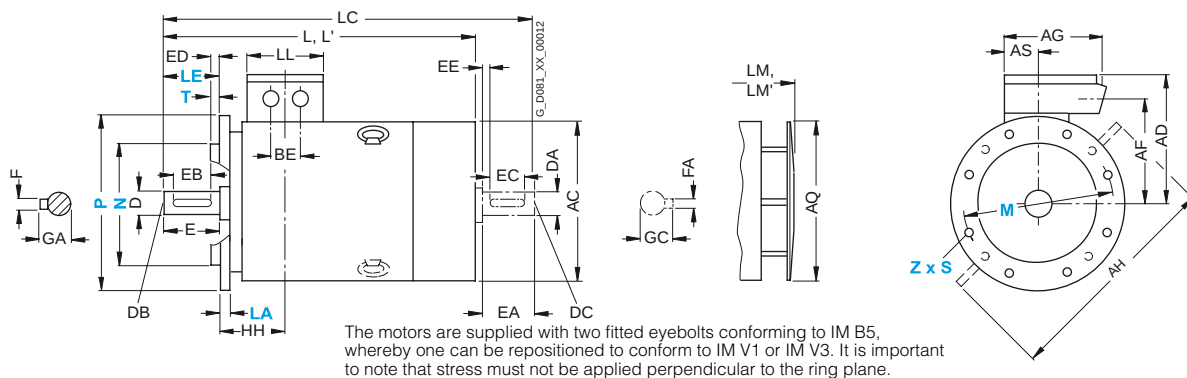


Type of construction IM B3



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		
280 S	1LG6 280	2	457	100	540	555	432	432	348	348	300	672	525	118	368	100	151	479	62	110	190	267	280	40		
280 M	1LG6 283	4, 6, 8	457	100	540	555	432	432	348	348	300	672	525	118	419	100	151	479	62	110	190	326	280	40		
		2	457	100	540	555	432	432	348	348	300	672	525	118	419	100	151	479	62	110	190	216	280	40		
	1LG6 288	4, 6	457	100	540	555	432	432	348	348	300	672	525	118	419	100	151	479	62	110	190	326	280	40		
315 S	1LG6 310	2	508	120	610	610	500	500	400	400	380	780	590	154	406	125	176	527	69	110	216	315	315	50		
315 M ²⁾	1LG6 310	4, 6, 8	508	120	610	610	500	500	400	400	380	780	590	154	457	125	176	527	69	110	216	264	315	50		
	1LG6 313	8	508	120	610	610	500	500	400	400	380	780	590	154	457	125	176	527	69	110	216	264	315	50		
	1LG6 313	2	508	120	610	610	500	500	400	400	380	780	590	154	457	125	176	578	69	110	216	424	315	50		
315 L ²⁾	1LG6 313	4, 6	508	120	610	610	500	500	400	400	380	780	590	154	457	125	176	578	69	110	216	424	315	50		
	1LG6 316	2	508	120	610	610	500	500	400	400	380	780	590	154	508	125	176	578	69	110	216	373	315	50		
	1LG6 316	4, 6	508	120	610	610	500	500	400	400	380	780	590	154	508	125	176	578	69	110	216	373	315	50		
	1LG6 316	8	508	120	610	610	500	500	400	400	380	780	590	154	508	125	176	578	69	110	216	373	315	50		
	1LG6 317	2	508	120	610	610	500	500	400	400	380	780	590	154	508	125	176	578	69	110	216	373	315	50		
	1LG6 317	4, 6	508	120	610	610	500	500	400	400	380	780	590	154	508	125	176	578	69	110	216	373	315	50		
	1LG6 317	8	508	120	610	610	500	500	400	400	380	780	590	154	508	125	176	578	69	110	216	373	315	50		
	1LG6 318	2	508	120	610	610	651	651	524	524	470	780	590	165	508	155	206	648	69	135	216	513	315	50		
	1LG6 318	4	508	120	610	610	651	651	524	524	470	780	590	165	508	155	206	648	69	135	216	513	315	50		
1LG6 318	6, 8					500	500	400	400	380									110							

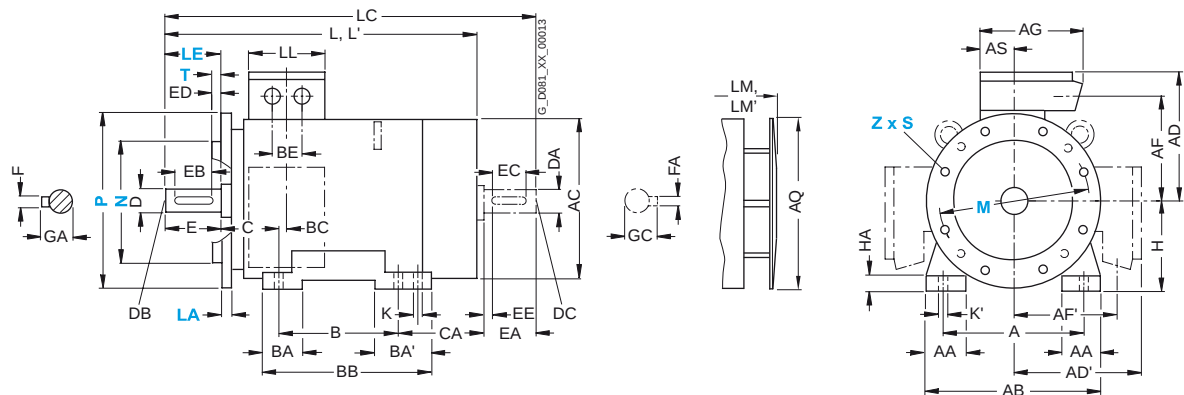
* This dimension is assigned in DIN EN 50347 to the frame size listed.

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	LC	LL	LM	D	DB	E	EB	ED	F	GA	DA	DC	EA	EC	EE	FA	GC
280 S	1LG6 280	2	252	24	30	960	1105	236	1070	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	1LG6 283	2	252	24	30	1070	1215	236	1180	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
	1LG6 288	6, 8				960	1105		1070	75	M20	140	125	10	20	79.5	65	M20	140	125	10	18	69
		2	252	24	30	1070	1215	236	1180	65	M20	140	125	10	18	69	60	M20	140	125	10	18	64
		4, 6								75	M20	140	125	10	20	79.5	65	M20	140	125	10	18	69
315 S	1LG6 310	2	285	28	35	1072	1217	307	1182	65	M20	140	125	10	18	69	60	M20	140	125	10	18	64
315 M	1LG6 310	4, 6, 8				1102	1247		1212	80	M20	170	140	25	22	85	70	M20	140	125	10	20	74.5
	1LG6 313	8	285	28	35	1102	1247	307	1212	80	M20	170	140	25	22	85	70	M20	140	125	10	20	74.5
	1LG6 313	2	285	28	35	1232	1377	307	1342	65	M20	140	125	10	18	69	60	M20	140	125	10	18	64
315 L	1LG6 313	4, 6				1262	1407		1372	80	M20	170	140	25	22	85	70	M20	140	125	10	20	74.5
	1LG6 316	2	285	28	35	1232	1377	307	1342	65	M20	140	125	10	18	69	60	M20	140	125	10	18	64
	1LG6 316	4, 6				1262	1407		1372	80	M20	170	140	25	22	85	70	M20	140	125	10	20	74.5
	1LG6 316	8								80	M20	170	140	25	22	85	70	M20	140	125	10	20	74.5
	1LG6 317	2	285	28	35	1372	1517	307	1482	65	M20	140	125	10	18	69	60	M20	140	125	10	18	64
	1LG6 317	4, 6				1402	1547		1512	80	M20	170	140	25	22	85	70	M20	140	125	10	20	74.5
	1LG6 317	8				1262	1407		1372	80	M20	170	140	25	22	85	70	M20	140	125	10	20	74.5
	1LG6 318	2	285	28	35	1372	1517	330	1482	65	M20	140	125	10	18	69	60	M20	140	125	10	18	64
	1LG6 318	4				1402	1547		1512	80 ¹⁾	M20	170	140	25	22	85	70	M20	140	125	10	20	74.5
	1LG6 318	6, 8						307		80	M20	170	140	25	22	85	70	M20	140	125	10	20	74.5

¹⁾ Diameters up to 90 mm are possible.