

Self-ventilated motors – enclosed version

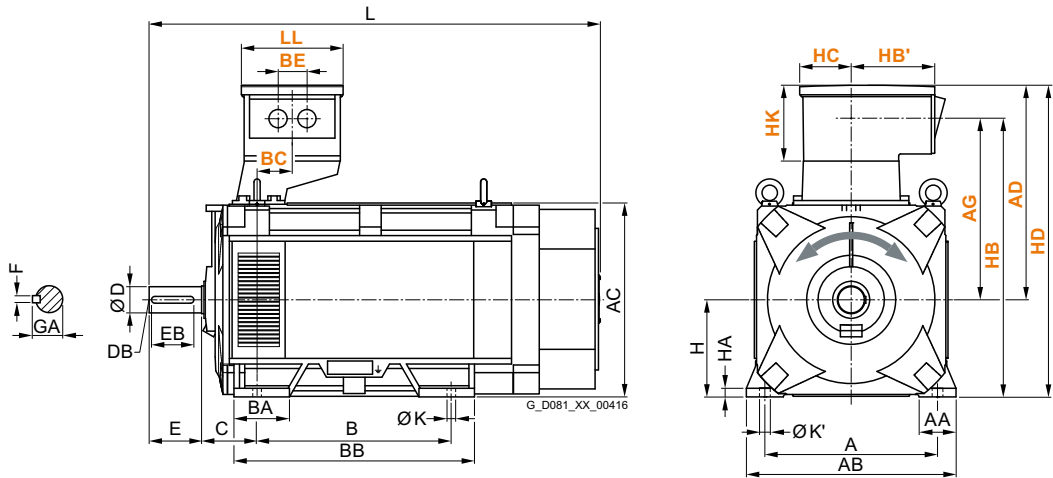
Dimensions

1LM1 motors

Dimensional drawings

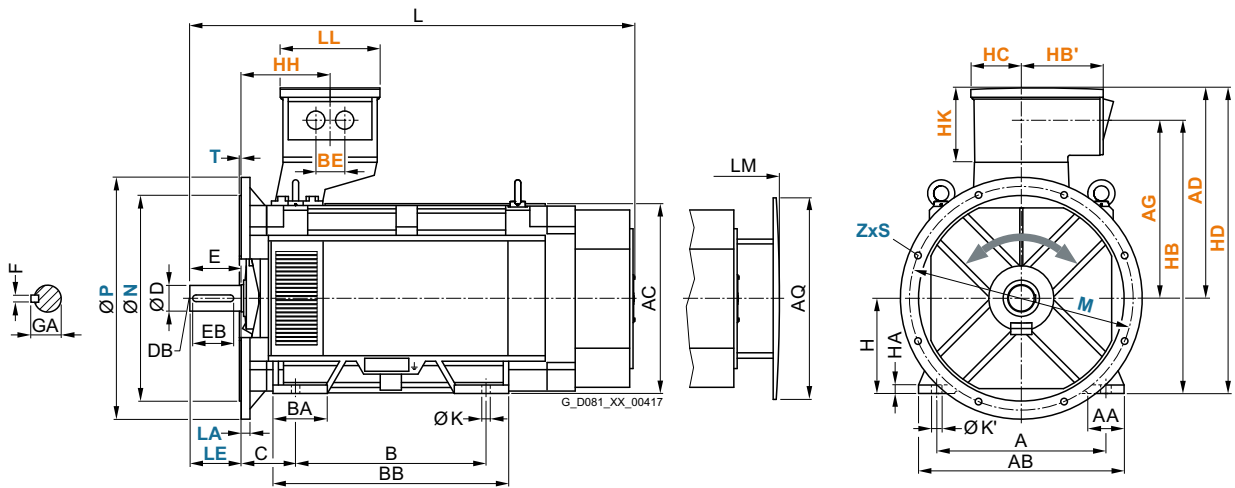
IM B3 type of construction

For terminal box dimensions, see Page 4/24



IM B35 and IM V1 types of construction

For flange dimensions, see Page 4/23 (Z = the number of retaining holes),
For terminal box dimensions, see Page 4/24



Frame size	No. of poles	Motor type	Dimension designation acc. to IEC																				
			A	AA	AB	AC	AQ	B	BA	BB	C	H	HA	K	K'	L	LM	D	DB	E	EB	F	GA
315	4, 6	1LM12...3A.1.-.....	560	120	680	630	670	630	180	780	180	315	28	28	35	1470	1615	85	M20	170	140	22	90
		● 1LM12...3A.3.-.....	560	120	680	630	670	630	180	780	200	315	28	28	35	1490	1635	95	M24	170	140	25	100
		1LM12...3A.5.-.....	560	120	680	630	670	835	180	985	180	315	28	28	35	1610	1755	85	M20	170	140	22	90
		● 1LM12...3A.7.-.....	560	120	680	630	670	835	180	985	200	315	28	28	35	1630	1775	95	M24	170	140	25	100
355	4, 6	1LM12...3A.5.-.....	630	150	780	710	750	800	220	980	200	355	35	35	42	1730	1900	95	M24	170	140	25	100
		● 1LM12...3A.7.-.....	630	150	780	710	750	800	220	980	224	355	35	35	42	1795	1965	100	M24	210	180	28	106

- Bearing design for increased cantilever forces, for type of construction IM B3 only.