

Forced-air cooled motors – enclosed version

Dimensions

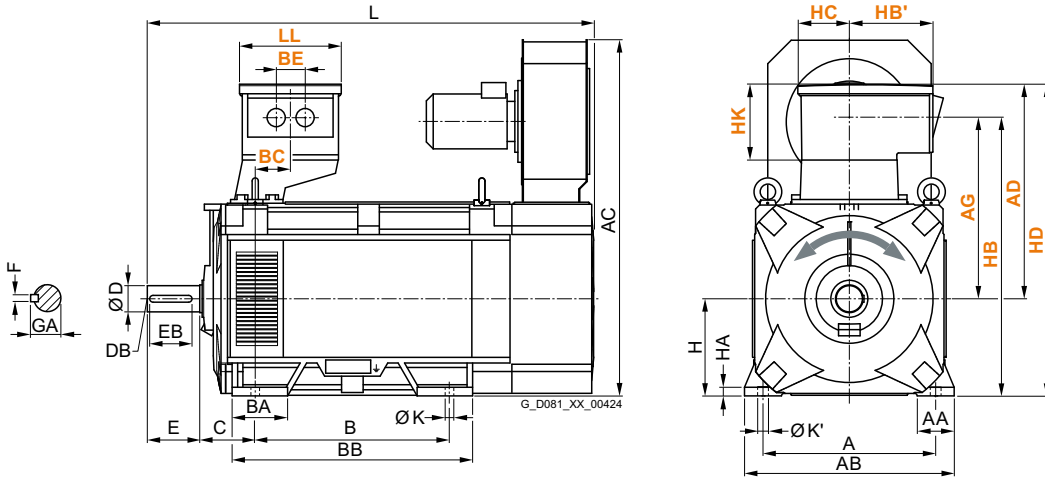
1MQ1 motors

Radially mounted equipment unit

Dimensional drawings

IM B3 type of construction

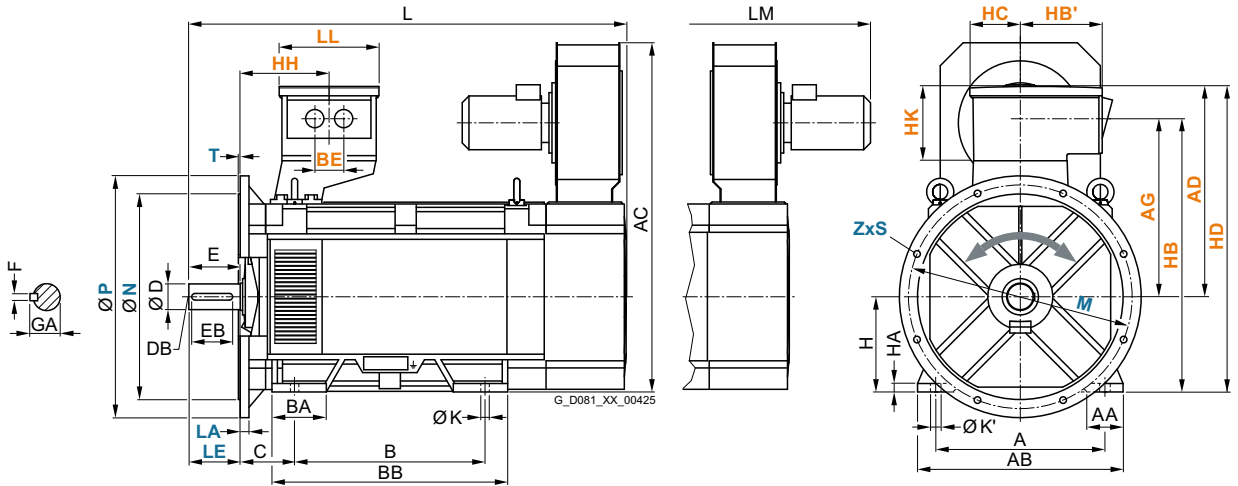
For terminal box dimensions, see Page 5/35.



IM B35 and IM V1 types of construction

For flange dimensions, see Page 5/34 (Z = the number of retaining holes),

For terminal box dimensions, see Page 5/35



Frame size	No. of poles	Motor type	Dimension designation acc. to IEC																			
			A	AA	AB	AC	B	BA	BB	C	H	HA	K	K'	L ¹⁾	LM ¹⁾	D	DB	E	EB	F	GA
315	4, 6	1MQ12...-3A.1.-....	560	120	680	1155	630	180	780	180	315	28	28	35	1450	1670	85	M20	170	140	22	90
		1MQ12...-3A.3.-....	● 560	120	680	1155	630	180	780	200	315	28	28	35	1470	1690	95	M24	170	140	25	100
		1MQ12...-3A.5.-....	560	120	680	1155	835	180	985	180	315	28	28	35	1590	1810	85	M20	170	140	22	90
		1MQ12...-3A.7.-....	● 560	120	680	1155	835	180	985	200	315	28	28	35	1610	1830	95	M24	170	140	25	100
		1MQ13...-3A.1.-....	560	120	680	1245	630	180	780	180	315	28	28	35	1450	1765	85	M20	170	140	22	90
		1MQ13...-3A.3.-....	● 560	120	680	1245	630	180	780	200	315	28	28	35	1470	1785	95	M24	170	140	25	100
		1MQ13...-3A.5.-....	560	120	680	1245	835	180	985	180	315	28	28	35	1590	1905	85	M20	170	140	22	90
		1MQ13...-3A.7.-....	● 560	120	680	1245	835	180	985	200	315	28	28	35	1610	1925	95	M24	170	140	25	100
355	4, 6	1MQ12...-3A.5.-....	630	150	780	1305	800	220	980	200	355	35	35	42	1725	1975	95	M24	170	140	25	100
		1MQ12...-3A.7.-....	● 630	150	780	1305	800	220	980	224	355	35	35	42	1790	2040	100	M24	210	180	28	106
		1MQ13...-3A.5.-....	630	150	780	1305	800	220	980	200	355	35	35	42	1725	2075	95	M24	170	140	25	100
		1MQ13...-3A.7.-....	● 630	150	780	1305	800	220	980	224	355	25	35	42	1790	2140	100	M24	210	180	28	106

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

¹⁾ With type of construction IM V1, dimensions L or LM may increase due to a protective cover for the fan motor.