

IE3 DREIPHASEN ALUMINIUM-MOTOREN

ELEKTRISCHE EIGENSCHAFTEN @ 50 Hz

MOTOR-TYP	GEHÄUSE-TYP	NENNWERTE				ANLAUFWERTE				Kippmoment Verhältnis	EFFIZIENZ *			Cosφ	J	Gewicht [B3]	Schalldruckpegel
		LEISTUNG		DREHZAHL	STROM	MOMENT	STROM IA / IN		MOMENT MA / MN		η %						
		kW	HP	U/Min.	A [Δ/Y]	Nm	λ	Δ	λ		Δ	4/4	3/4				
										Mk/ Mn				4/4	kgm²	kg	dBA**

2-Polig 3000 U/Min.

230/400 V		Q3E63M2K	Aluminium	0.12	0.17	2875	0.66/0.38	0.4	4.9		2.4		3.1	60.8	57.4	50.1	0.76	0.00022	4.3	58
		Q3E63M2A	Aluminium	0.18	0.25	2780	0.86/0.50	0.6	5.0		2.8		2.8	65.9	63.3	57.9	0.87	0.00022	4.4	58
		Q3E63M2B	Aluminium	0.25	0.30	2788	1.14/0.66	0.8	5.2		2.7		2.8	69.7	68.3	63.9	0.87	0.00025	5.0	58
	C	Q3E63M2C	Aluminium	0.37	0.50	2872	1.73/1.00	1.2	7.2		4.5		4.1	73.8	72.4	67.3	0.74	0.00030	6.0	58
		Q3E71M2A	Aluminium	0.37	0.50	2785	1.39/0.80	1.2	5.8		2.9		2.9	73.8	77.0	75.0	0.88	0.00043	6.8	62
		Q3E71M2B	Aluminium	0.55	0.75	2808	2.26/1.31	1.8	6.2		3.8		3.8	77.8	74.1	69.5	0.80	0.00057	7.0	62
	C	Q3E71M2D	Aluminium	0.75	1.0	2883	3.2/1.84	2.5	8.6		4.7		4.7	80.7	80.6	77.4	0.74	0.00036	9.0	62
		Q3H80M2C	Aluminium	0.75	1.0	2890	2.8/1.6	2.4	7.8		3.1		3.7	80.7	80.4	75.7	0.85	0.00140	10.1	64
		Q3H80M2D	Aluminium	1.10	1.5	2890	3.9/2.3	3.6	8.9		4.0		4.3	82.7	82.2	79.3	0.85	0.00170	13.5	64
	C	Q3H80M2DE	Aluminium	1.50	2.0	2918	5.6/3.2	4.9	11.3		4.9		5.5	84.2	83.3	80.5	0.81	0.00224	14.5	64
		Q3H90L2C	Aluminium	1.50	2.0	2930	5.2/3.0	4.8	11.5		3.8		5.1	84.2	86.2	84.2	0.84	0.00249	17.0	66
		Q3HS90S2C	Aluminium	1.50	2.0	2918	5.6/3.2	4.9	11.3		4.9		5.5	84.2	83.3	80.5	0.81	0.00201	14.5	64
		Q3H90L2D	Aluminium	2.20	3.0	2917	7.4/4.3	7.2	8.8		2.8		3.9	85.9	86.2	85.0	0.87	0.00283	18.0	66
	C	Q3H90L2E	Aluminium	3.00	4.0	2890	10.25/5.92	9.9	9.6		3.3		4.4	87.1	87.2	86.8	0.85	0.00318	18.2	66
		Q3H100L2D	Aluminium	3.00	4.0	2930	9.9/5.7	9.8	11.7		3.8		4.6	87.1	86.5	85.1	0.89	0.00536	25.0	70
		Q3HS100L2C	Aluminium	3.00	4.0	2890	10.25/5.92	9.9	9.6		3.3		4.4	87.1	87.2	86.8	0.85	0.00310	25.0	66
400/690 V	C	Q3H100L2DE	Aluminium	4.00	5.5	2925	7.8/4.5	13.0		12.5		4.4	5.4	88.1	88.1	85.8	0.85	0.00612	28.0	70
		Q3H112M2C	Aluminium	4.00	5.5	2918	7.3/4.2	13.1		11.1		3.4	4.5	88.1	86.6	79.6	0.89	0.00604	32.0	71
		Q3HS112M2C	Aluminium	4.00	5.5	2925	7.8/4.5	13.0		12.5		4.4	5.4	88.1	88.1	85.8	0.85	0.00638	29.0	70
	SC	Q3H100L2E	Aluminium	5.50	7.5	2933	10.9/6.3	18.0		13.3		5.1	5.9	89.2	88.6	86.7	0.83	0.00612	35.0	70
	C	Q3H112M2D	Aluminium	5.50	7.5	2920	10.5/6.1	17.9		12.2		5.0	6.1	89.2	88.9	87.5	0.86	0.00741	32.0	71
		Q3H132S2C	Aluminium	5.50	7.5	2920	10.2/5.9	17.9		8.9		3.1	4.3	89.2	89.0	88.5	0.88	0.02792	50.0	73
		Q3HS132S2C	Aluminium	5.50	7.5	2920	10.5/6.1	17.9		12.2		5.0	6.1	89.2	88.9	87.5	0.86	0.00772	36.2	71
	C	Q3H112M2DE	Aluminium	7.50	10.0	2918	13.9/8.0	24.5		12.6		4.8	5.9	90.1	90.3	89.1	0.88	0.00921	41.0	71
		Q3H132S2D	Aluminium	7.50	10.0	2918	13.6/7.85	24.5		9.8		3.5	4.5	90.1	90.1	89.1	0.88	0.03091	55.5	73
		Q3HS132S2D	Aluminium	7.50	10.0	2918	13.9/8.0	24.5		12.6		4.8	5.9	90.1	90.3	89.1	0.88	0.00932	42.5	71
	C	Q3H132M2A	Aluminium	11.00	15.0	2925	20.7/11.9	35.9		9.4		3.5	5.1	91.2	91.4	90.6	0.85	0.03489	63.0	73
		Q3H160M2C	Aluminium	11.00	15.0	2965	20.3/11.7	35.5		8.1		2.4	4.2	91.2	89.9	87.6	0.87	0.04322	82.5	75
		Q3HS160M2D	Aluminium	11.00	15.0	2925	20.7/11.9	35.9		9.4		3.5	5.1	91.2	91.4	90.6	0.85	0.04015	63.0	73
	C	Q3H132M2B	Aluminium	15.00	20.0	2930	27.9/16.1	49.0		10.7		3.8	5.1	91.9	91.4	90.1	0.84	0.03489	64.0	73
		Q3H160M2D	Aluminium	15.00	20.0	2951	27.4/15.8	48.5		9.7		2.8	4.8	91.9	92.1	91.0	0.89	0.04322	88.5	75
		Q3H160L2C	Aluminium	18.50	25.0	2961	37.1/21.4	59.6		11.4		4.0	5.6	92.4	92.0	90.0	0.79	0.04809	94.8	75
	C	Q3H160L2D	Aluminium	22.00	30.0	2961	39.1/22.5	70.7		11.7		3.6	5.2	92.7	92.4	91.3	0.87	0.05540	118.0	75
		Q3H180M2A	Aluminium	22.00	30.0	2960	37.0/21.4	71.2		11.2		3.2	4.2	92.7	92.5	91.3	0.92	0.09460	135.0	76
		Q3HS180M2B	Aluminium	22.00	30.0	2961	39.1/22.5	70.7		11.7		3.6	5.2	92.7	92.4	91.3	0.87	0.05869	118.0	75
	C	Q3H180M2B	Aluminium	30.00	40.0	2969	53.3/30.8	96.5		10.7		3.1	5.1	93.3	93.1	91.7	0.88	0.10277	138.0	76
		Q3H200L2C	Aluminium	30.00	40.0	2969	54.1/31.2	96.5		10.7		3.1	5.1	93.3	93.2	92.2	0.86	0.10277	143.0	79
	C	Q3H180L2D	Aluminium	37.00	50.0	2962	61.4/35.5	118.8		10.1		2.9	4.4	93.7	94.4	94.0	0.93	0.11212	160.0	76
		Q3H200L2D	Aluminium	37.00	50.0	2962	61.4/35.5	118.8		10.1		2.9	4.4	93.7	94.4	94.0	0.93	0.11383	176.0	79
	SC	Q3H180L2DE	Aluminium	45.00	60.0	2963	74.8/43.2	145.2		10.7		3.1	5.1	94.0	93.3	92.8	0.92	0.10277	155.0	76
	C	Q3H200L2DE	Aluminium	45.00	60.0	2963	74.8/43.2	145.2		10.7		3.1	5.1	94.0	93.3	92.8	0.92	0.14770	198.6	79
		Q3E225M2B	Aluminium	45.00	60.0	2976	78.8/45.5	145.0		11.5		3.6	5.2	94.0	93.7	93.3	0.89	0.12158	218.0	81
		Q3E250M2B	Aluminium	55.00	75.0	2973	98.4/56.8	176.4		11.6		3.7	7.0	94.3	93.8	92.5	0.86	0.14216	246.2	81

* Gem. IEC 60034-2-1

** Schalldruckpegel wurden in einer Entfernung vom Motor von 1 Meter gemessen.

** Toleranz +3 dBA

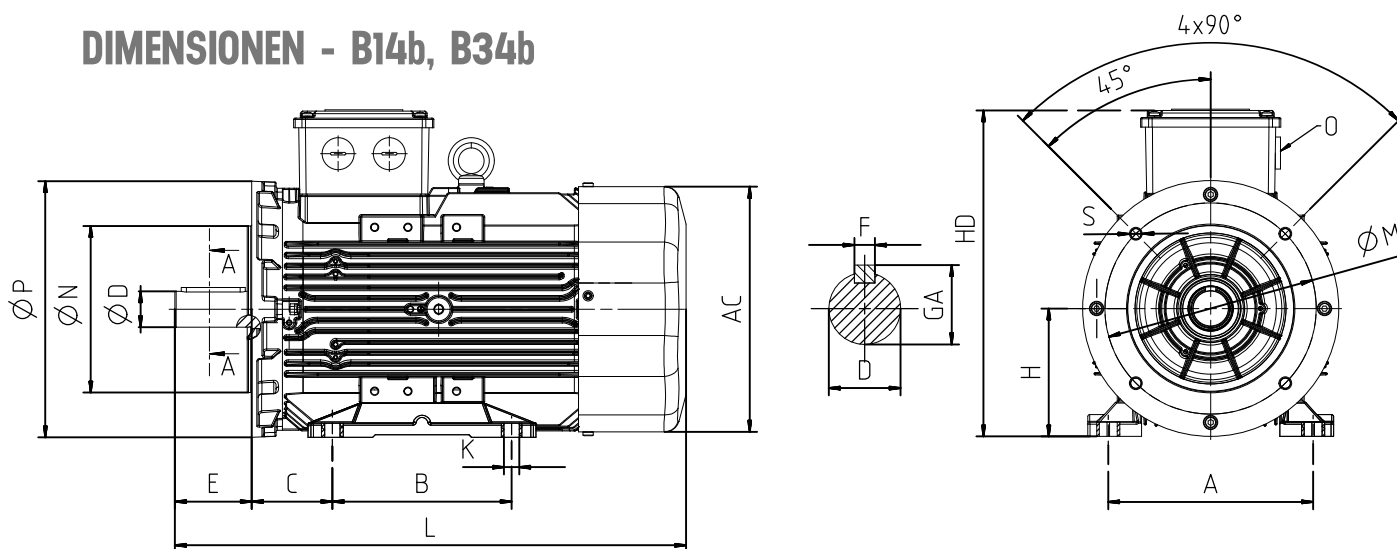
C: Kompakt-Motor

SC: Super Kompakt-Motor



IE3 DREIPHASEN ALUMINIUM-MOTOREN

DIMENSIONEN - B14b, B34b



Leistung [kW]	Pol- Anzahl	Motor-Typ	Gehäuse-Typ	Hauptdimensionen			Motoren mit Standfuss							Welle				Kugellager		Filz		Flansch-Typ [FB B14b, B34b]				
				AC	L	O	B	A	H	HD	K	C	D	E	GA	F	Rollenseite	Gegen- Rollenseite	Rollenseite	Gegen- Rollenseite	P	N	M	R	S	

2-Polig

	0.12	2	Q3E63M2K	Aluminium	123	220	1xM20	80	100	63	162	7.0	40	11	23	12.5	4	6201-ZZ	6201-ZZ	12*22*7	12*22*7	120	80	100	0	M6
	0.18	2	Q3E63M2A	Aluminium	123	220	1xM20	80	100	63	162	7.0	40	11	23	12.5	4	6201-ZZ	6201-ZZ	12*22*7	12*22*7	120	80	100	0	M6
	0.25	2	Q3E63M2B	Aluminium	123	220	1xM20	80	100	63	162	7.0	40	11	23	12.5	4	6201-ZZ	6201-ZZ	12*22*7	12*22*7	120	80	100	0	M6
C	0.37	2	Q3E63M2C	Aluminium	123	234	1xM20	80	100	63	162	7.0	40	11	23	12.5	4	6201-ZZ	6201-ZZ	12*22*7	12*22*7	120	80	100	0	M6
	0.37	2	Q3E71M2A	Aluminium	138	253	1xM20	90	112	71	180	7.0	45	14	30	16.0	5	6202-ZZ	6202-ZZ	15*24*5	15*24*5	140	95	115	0	M8
	0.55	2	Q3E71M2B	Aluminium	138	253	1xM20	90	112	71	180	7.0	45	14	30	16.0	5	6202-ZZ	6202-ZZ	15*24*5	15*24*5	140	95	115	0	M8
C	0.75	2	Q3E71M2D	Aluminium	138	262	1xM20	90	112	71	180	7.0	45	14	30	16.0	5	6202-ZZ	6202-ZZ	15*24*5	15*24*5	140	95	115	0	M8
	0.75	2	Q3H80M2C	Aluminium	158	268	1xM20	100	125	80	216	10.0	50	19	40	21.5	6	6204-ZZ	6204-ZZ	20*30*7	20*30*7	160	110	130	0	M8
	1.10	2	Q3H80M2D	Aluminium	158	268	1xM20	100	125	80	216	10.0	50	19	40	21.5	6	6204-ZZ	6204-ZZ	20*30*7	20*30*7	160	110	130	0	M8
C	1.50	2	Q3H80M2DE	Aluminium	158	293	1xM20	100	125	80	216	10.0	50	19	40	21.5	6	6204-ZZ	6204-ZZ	20*30*7	20*30*7	160	110	130	0	M8
	1.50	2	Q3H90L2C	Aluminium	172	344	2xM25	100-125	140	90	236	10.0	56	24	50	27.0	8	6305-ZZ	6205-ZZ	25*40*7	25*40*7	160	110	130	0	M8
	1.50	2	Q3HS90S2C	Aluminium	158	303	1xM20	100-125	140	90	226	10.0	56	24	50	27.0	8	6305-ZZ	6204-ZZ	25*40*7	20*30*7	160	110	130	0	M8
	2.20	2	Q3H90L2D	Aluminium	172	344	2xM25	100-125	140	90	236	10.0	56	24	50	27.0	8	6305-ZZ	6205-ZZ	25*40*7	25*40*7	160	110	130	0	M8
C	3.00	2	Q3H90L2E	Aluminium	172	344	2xM25	100-125	140	90	236	10.0	56	24	50	27.0	8	6305-ZZ	6205-ZZ	25*40*7	25*40*7	160	110	130	0	M8
	3.00	2	Q3HI00L2D	Aluminium	191	400	2xM25	140	160	100	243	12.0	63	28	60	31.0	8	6306-ZZ	6205-ZZ	30*47*7	25*40*7	200	130	165	0	M10
	3.00	2	Q3HSI00L2C	Aluminium	172	349	2xM25	140	160	100	246	12.0	63	28	60	31.0	8	6306-ZZ	6205-ZZ	30*47*7	25*40*7	200	130	165	0	M10
C	4.00	2	Q3HI00L2DE	Aluminium	191	400	2xM25	140	160	100	243	12.0	63	28	60	31.0	8	6306-ZZ	6205-ZZ	30*47*7	25*40*7	200	130	165	0	M10
	4.00	2	Q3HI12M2C	Aluminium	210	396	2xM25	140	190	112	265	12.0	70	28	60	31.0	8	6306-ZZ	6206-ZZ	30*47*7	30*47*7	200	130	165	0	M10
	4.00	2	Q3HSI12M2C	Aluminium	191	399	2xM25	140	190	112	260	12.0	70	28	60	31.0	8	6306-ZZ	6205-ZZ	30*47*7	25*40*7	200	130	165	0	M10
SC	5.50	2	Q3HI00L2E	Aluminium	191	400	2xM25	140	160	100	243	12.0	63	28	60	31.0	8	6306-ZZ	6205-ZZ	30*47*7	25*40*7	200	130	165	0	M10
C	5.50	2	Q3HI12M2D	Aluminium	210	396	2xM25	140	190	112	265	12.0	70	28	60	31.0	8	6306-ZZ	6206-ZZ	30*47*7	30*47*7	200	130	165	0	M10
	5.50	2	Q3HI32S2C	Aluminium	260	481	2xM32	140-178	216	132	328	12.0	89	38	80	41.0	10	6208-ZZ	6208-ZZ	40*62*10	40*62*10	250	180	215	0	M12
	5.50	2	Q3HSI32S2C	Aluminium	210	422	2xM25	140-178	216	132	285	12.0	89	38	80	41.0	10	6208-ZZ	6206-ZZ	40*62*10	30*47*7	250	180	215	0	M12