

DBL to AKM Cross-Reference (330 VDC-Winding)

DBL Motor	flange	J kgcm ²	Stall		K _t Nm/A	330V Tr	wr wr	AKM Moto	comp. flange	J kgcm ²	To Stall	I _o A	K _t Nm/A	330V DC	
			To	I _o											
AKM73P										92	41.6	19.5	2.13	34.7	1300
AKM72P										65	29.4	18.7	1.58	23.8	1800
AKM65N	"A" 130/165/32									40	24.3	17.8	1.38	19.8	2000
AKM65M	"A" 130/165/32									40	25	13.6	1.85	21.9	1500
AKM65K	"A" 130/165/32									40	24.8	9.8	2.54	22.8	1000
AKM64P	"A" 130/165/32									32	20.4	18.6	1.1	16	2500
AKM64L	"A" 130/165/32									32	21	12.8	1.66	18.4	1500
AKM64K	"A" 130/165/32									32	20.8	9.2	2.28	18.8	1200
AKM63N	"A" 130/165/32									24	17	17.4	0.98	13	3000
AKM63M	"A" 130/165/32									24	17	13.8	1.24	14.3	2000
AKM63K	"A" 130/165/32									24	16.8	9.9	1.71	14.9	1500
AKM62P	"A" 130/165/32									17	12.3	18.8	0.66	8.1	4500
AKM62M	"A" 130/165/32									17	12.2	13.4	0.91	9.5	3000
AKM62K	"A" 130/165/32									17	12.2	9.6	1.28	10.4	2000
AKM64N	"C" 95/115/24									12	14.1	17.8	0.8	9.85	3500
AKM64L	"C" 95/115/24									12	14.1	12.5	1.13	11.5	2500
AKM64K	"C" 95/115/24									12	14.4	9.7	1.5	12.7	1800
AKM63P	"C" 95/115/24									9.1	11.4	19.1	0.6	5.88	5000
AKM63M	"C" 95/115/24									9.1	11.4	13.4	0.85	8.72	3000
AKM63K	"C" 95/115/24									9.1	11.6	9.4	1.24	10.1	2000
AKM62K	"C" 95/115/24									6.2	8.6	13.1	0.66	5.2	4500
AKM62G	"C" 95/115/24									6.2	8.6	9.3	0.93	6.8	3000
AKM62G	"C" 95/115/24									6.2	8.43	4.72	1.79	7.69	1500
AKM61K	"C" 95/115/24									3.4	4.9	9.4	0.52	2.35	5500
AKM61G	"C" 95/115/24									3.4	4.75	4.84	0.99	4.02	2500
AKM61E	"C" 95/115/24									3.4	4.7	2.75	1.72	4.41	1200
AKM4J	"C" 60/90/19									2.7	6	8.8	0.69	3.84	4000
AKM4G	"C" 60/90/19									2.7	5.88	5	1.19	4.9	2000
AKM4E	"C" 60/90/19									2.7	5.76	2.9	2.04	5.22	1200
AKM43K	"C" 60/90/19									2.1	4.9	9.6	0.52	2.62	6000
AKM43G	"C" 60/90/19									2.1	4.8	4.87	0.99	4	2500
AKM42J	"C" 60/90/19									1.5	4.7	2.76	1.72	4.24	1500
AKM42G	"C" 60/90/19									1.5	3.56	8.4	0.43	2.38	6000
AKM42E	"C" 60/90/19									1.5	3.53	4.8	0.74	2.9	3500
AKM41H	"C" 60/90/19									0.81	3.42	2.74	1.26	3.12	1800
AKM41E	"C" 60/90/19									0.81	2.06	5.6	0.37	1.62	6000
AKM41C	"C" 60/90/19									0.81	2.02	2.85	0.71	1.82	3000
AKM31C	"C" 60/90/19									0.81	1.95	1.46	1.34	1.88	1200
AKM33H	"C" 60/85/14									0.85	2.79	5.62	0.52	2.27	5500
AKM33E	"C" 60/85/14									0.85	2.79	2.58	1.1	2.62	2000
AKM33C	"C" 60/85/14									0.85	2.71	1.47	1.88	2.64	1000
AKM32H	"C" 60/85/14									0.59	2.1	5.5	0.39	1.45	7000
AKM32C	"C" 60/85/14									0.59	2.04	2.23	0.92	1.93	2500
AKM32E	"C" 60/85/14									0.59	2	1.44	1.4	1.95	1500
AKM31C	"C" 60/85/14									0.33	1.15	1.37	0.85	1.12	2500
AKM24F	"A" 40/63/9									0.27	1.42	3.89	0.36	1.12	8000
AKM24C	"A" 40/63/9									0.27	1.41	2.21	0.63	1.29	4000
AKM24D	"A" 40/63/9									0.27	1.38	1.42	0.97	1.32	2000
AKM23F	"A" 40/63/9									0.22	1.18	4.31	0.27	0.94	8000
AKM23C	"A" 40/63/9									0.22	1.16	2.19	0.52	1.03	5000
AKM23E	"A" 40/63/9									0.22	1.13	1.41	0.8	1.08	2500
AKM22E	"A" 40/63/9									0.16	0.87	2.73	0.32	0.7	8000
AKM22C	"A" 40/63/9									0.16	0.84	1.39	0.61	0.78	3500
AKM21C	"A" 40/63/9 ¹⁾									0.11	0.48	1.58	0.3	0.39	8000
AKM13C										0.045	0.41	1.48	0.278	0.36	8000
AKM12C										0.031	0.31	1.51	0.207	0.28	8000
AKM11B										0.017	0.18	1.16	0.158	0.17	8000

¹⁾ Pilot/Boltcircle/Shaft Diameter

- mounting flange compatible
- different mounting flange size

DBL to AKM Cross-Reference (560 VDC-Winding)

DBL Motor	flange	J kgcm ²	Stall		K _t Nm/A	560V		AKM Moto	comp. flange	J kgcm ²	To	lo	K _t Nm/A	Tr wr	
			To	lo		Tr	wr								
AKM74P	"A" 180/215/38	120	52.5	18.5	2.84	39.6	1800	AKM74P	"A" 180/215/38	120	52.5	18.5	2.84	39.6	1800
AKM74L	"A" 180/215/38	120	53	12.9	4.14	43.5	1200	AKM74L	"A" 180/215/38	120	53	12.9	4.14	43.5	1200
AKM73P	"A" 180/215/38	92	41.6	19.5	2.13	28.5	2400	AKM73P	"A" 180/215/38	92	41.6	19.5	2.13	28.5	2400
AKM73M	"A" 180/215/38	92	42	13.6	3.1	33.8	1500	AKM73M	"A" 180/215/38	92	42	13.6	3.1	33.8	1500
AKM72P	"A" 180/215/38	65	29.4	18.7	1.58	20.1	3000	AKM72P	"A" 180/215/38	65	29.4	18.7	1.58	20.1	3000
AKM72M	"A" 180/215/38	65	30	13	2.33	23.6	2000	AKM72M	"A" 180/215/38	65	30	13	2.33	23.6	2000
AKM72K	"A" 180/215/38	65	29.7	9.3	3.23	25.1	1500	AKM72K	"A" 180/215/38	65	29.7	9.3	3.23	25.1	1500
AKM65N	"A" 130/165/32	40	24.3	17.8	1.38	16	3500	AKM65N	"A" 130/165/32	40	24.3	17.8	1.38	16	3500
AKM65M	"A" 130/165/32	40	25	9.8	1.85	19.2	2500	AKM65M	"A" 130/165/32	40	25	9.8	1.85	19.2	2500
AKM65K	"A" 130/165/32	40	24.8	13.6	2.54	20.2	2000	AKM65K	"A" 130/165/32	40	24.8	13.6	2.54	20.2	2000
AKM64P	"A" 130/165/32	32	20.4	18.6	1.1	11.9	4500	AKM64P	"A" 130/165/32	32	20.4	18.6	1.1	11.9	4500
AKM64L	"A" 130/165/32	32	21	12.8	1.66	15.6	3000	AKM64L	"A" 130/165/32	32	21	12.8	1.66	15.6	3000
AKM64K	"A" 130/165/32	32	20.8	9.2	2.28	17.2	2000	AKM64K	"A" 130/165/32	32	20.8	9.2	2.28	17.2	2000
AKM63N	"A" 130/165/32	24	17	17.4	0.98	9.6	5000	AKM63N	"A" 130/165/32	24	17	17.4	0.98	9.6	5000
AKM63M	"A" 130/165/32	24	17	13.8	1.24	11.3	4000	AKM63M	"A" 130/165/32	24	17	13.8	1.24	11.3	4000
AKM63K	"A" 130/165/32	24	16.8	9.9	1.71	12.9	3000	AKM63K	"A" 130/165/32	24	16.8	9.9	1.71	12.9	3000
AKM63G	"A" 130/165/32	24	16.5	4.5	3.7	14.9	1200	AKM63G	"A" 130/165/32	24	16.5	4.5	3.7	14.9	1200
AKM62M	"A" 130/165/32	17	12.2	13.4	0.91	5.7	6000	AKM62M	"A" 130/165/32	17	12.2	13.4	0.91	5.7	6000
AKM62K	"A" 130/165/32	17	12.2	9.6	1.28	9	3500	AKM62K	"A" 130/165/32	17	12.2	9.6	1.28	9	3500
AKM62G	"A" 130/165/32	17	11.9	4.9	2.47	10.4	1800	AKM62G	"A" 130/165/32	17	11.9	4.9	2.47	10.4	1800
AKM54L	"C" 95/115/24	12	14.1	12.5	1.13	8.13	4500	AKM54L	"C" 95/115/24	12	14.1	12.5	1.13	8.13	4500
AKM54K	"C" 95/115/24	12	14.4	9.7	1.5	10.1	3500	AKM54K	"C" 95/115/24	12	14.4	9.7	1.5	10.1	3500
AKM54G	"C" 95/115/24	12	14.3	5	2.88	12.9	1500	AKM54G	"C" 95/115/24	12	14.3	5	2.88	12.9	1500
AKM53K	"C" 95/115/24	9.1	11.6	9.4	1.24	7.65	4000	AKM53K	"C" 95/115/24	9.1	11.6	9.4	1.24	7.65	4000
AKM53G	"C" 95/115/24	9.1	11.4	4.77	2.39	9.85	2000	AKM53G	"C" 95/115/24	9.1	11.4	4.77	2.39	9.85	2000
AKM52K	"C" 95/115/24	6.2	8.6	9.3	0.93	3.9	5500	AKM52K	"C" 95/115/24	6.2	8.6	9.3	0.93	3.9	5500
AKM52G	"C" 95/115/24	6.2	8.43	4.72	1.79	7.06	2500	AKM52G	"C" 95/115/24	6.2	8.43	4.72	1.79	7.06	2500
AKM52E	"C" 95/115/24	6.2	8.34	2.99	2.79	7.61	1500	AKM52E	"C" 95/115/24	6.2	8.34	2.99	2.79	7.61	1500
AKM51G	"C" 95/115/24	3.4	4.75	4.84	0.99	2.62	5000	AKM51G	"C" 95/115/24	3.4	4.75	4.84	0.99	2.62	5000
AKM51E	"C" 95/115/24	3.4	4.7	2.75	1.72	3.98	2500	AKM51E	"C" 95/115/24	3.4	4.7	2.75	1.72	3.98	2500
AKM44J	"C" 60/90/19	2.7	6	8.8	0.69	2.75	6000	AKM44J	"C" 60/90/19	2.7	6	8.8	0.69	2.75	6000
AKM44G	"C" 60/90/19	2.7	5.88	5	1.19	3.76	4000	AKM44G	"C" 60/90/19	2.7	5.88	5	1.19	3.76	4000
AKM44E	"C" 60/90/19	2.7	5.76	2.9	2.04	4.8	2000	AKM44E	"C" 60/90/19	2.7	5.76	2.9	2.04	4.8	2000
AKM43G	"C" 60/90/19	2.1	4.8	4.87	0.99	3.01	5000	AKM43G	"C" 60/90/19	2.1	4.8	4.87	0.99	3.01	5000
AKM43E	"C" 60/90/19	2.1	4.7	2.76	1.72	3.92	2500	AKM43E	"C" 60/90/19	2.1	4.7	2.76	1.72	3.92	2500
AKM42G	"C" 60/90/19	1.5	3.53	4.8	0.74	2.35	6000	AKM42G	"C" 60/90/19	1.5	3.53	4.8	0.74	2.35	6000
AKM42E	"C" 60/90/19	1.5	3.42	2.74	1.26	2.81	3500	AKM42E	"C" 60/90/19	1.5	3.42	2.74	1.26	2.81	3500
AKM42C	"C" 60/90/19	1.5	3.35	1.4	2.4	3.1	1500	AKM42C	"C" 60/90/19	1.5	3.35	1.4	2.4	3.1	1500
AKM41E	"C" 60/90/19	0.81	2.02	2.85	0.71	1.58	6000	AKM41E	"C" 60/90/19	0.81	2.02	2.85	0.71	1.58	6000
AKM41C	"C" 60/90/19	0.81	1.95	1.46	1.34	1.77	3000	AKM41C	"C" 60/90/19	0.81	1.95	1.46	1.34	1.77	3000
AKM33E	"C" 60/85/14	0.85	2.79	2.58	1.1	2.34	4500	AKM33E	"C" 60/85/14	0.85	2.79	2.58	1.1	2.34	4500
AKM33C	"C" 60/85/14	0.85	2.71	1.47	1.86	2.54	2000	AKM33C	"C" 60/85/14	0.85	2.71	1.47	1.86	2.54	2000
AKM32D	"C" 60/85/14	0.59	2.04	2.23	0.92	1.65	5500	AKM32D	"C" 60/85/14	0.59	2.04	2.23	0.92	1.65	5500
AKM32C	"C" 60/85/14	0.59	2	1.44	1.4	1.86	3000	AKM32C	"C" 60/85/14	0.59	2	1.44	1.4	1.86	3000
AKM31C	"C" 60/85/14	0.33	1.15	1.37	0.85	1	5000	AKM31C	"C" 60/85/14	0.33	1.15	1.37	0.85	1	5000
AKM24D	"A" 40/63/9	0.27	1.41	2.21	0.63	1.11	8000	AKM24D	"A" 40/63/9	0.27	1.41	2.21	0.63	1.11	8000
AKM24C	"A" 40/63/9	0.27	1.38	1.42	0.97	1.25	4500	AKM24C	"A" 40/63/9	0.27	1.38	1.42	0.97	1.25	4500
AKM23D	"A" 40/63/9	0.22	1.16	2.19	0.52	0.92	8000	AKM23D	"A" 40/63/9	0.22	1.16	2.19	0.52	0.92	8000
AKM23C	"A" 40/63/9	0.22	1.13	1.41	0.8	0.99	5500	AKM23C	"A" 40/63/9	0.22	1.13	1.41	0.8	0.99	5500
AKM22C	"A" 40/63/9 ¹⁾	0.16	0.84	1.39	0.61	0.68	8000	AKM22C	"A" 40/63/9 ¹⁾	0.16	0.84	1.39	0.61	0.68	8000

¹⁾ Pilot/Boltcircle/Shaft Diameter

- mounting flange compatible
- different mounting flange size

6SM to AKM Cross-Reference (560 VDC-Winding)

6SM Motor	flange	J kgcm ²	Stall		K _t Nm/A	560V Tr	w _r wr	AKM Moto	
			To	lo				comp. flange	J kgcm ²
AKM74P	"A" 180/215/38	120	52.5	18.5	2.84	39.6	1800		
AKM74L	"A" 180/215/38	120	53	12.9	4.14	43.5	1200		
AKM73P	"A" 180/215/38	92	41.6	19.5	2.13	28.5	2400		
AKM73M	"A" 180/215/38	92	42	13.6	3.1	33.8	1500		
AKM72P	"A" 180/215/38	65	29.4	18.7	1.58	20.1	3000		
AKM72M	"A" 180/215/38	65	30	13	2.33	23.6	2000		
AKM72K	"A" 180/215/38	65	29.7	9.3	3.23	25.1	1500		
AKM65N	"A" 130/165/32	40	24.3	17.8	1.38	16	3500		
AKM65M	"A" 130/165/32	40	25	13.6	1.85	19.2	2500		
AKM65K	"A" 130/165/32	40	24.8	9.8	2.54	20.2	2000		
AKM64P	"A" 130/165/32	32	20.4	18.6	1.1	11.9	4500		
AKM64L	"A" 130/165/32	32	21	12.8	1.66	15.6	3000		
AKM64K	"A" 130/165/32	32	20.8	9.2	2.28	17.2	2000		
AKM63N	"A" 130/165/32	24	17	17.4	0.98	9.6	5000		
AKM63M	"A" 130/165/32	24	17	13.8	1.24	11.3	4000		
AKM63K	"A" 130/165/32	24	16.8	9.9	1.71	12.9	3000		
AKM63G	"A" 130/165/32	24	16.5	4.5	3.7	14.9	1200		
AKM62M	"A" 130/165/32	17	12.2	13.4	0.91	5.7	6000		
AKM62K	"A" 130/165/32	17	12.2	9.6	1.28	9	3500		
AKM62G	"A" 130/165/32	17	11.9	4.9	2.47	10.4	1800		
AKM54L	"C" 95/115/24	12	14.1	12.5	1.13	8.13	4500		
AKM54K	"C" 95/115/24	12	14.4	9.7	1.5	10.1	3500		
AKM54G	"C" 95/115/24	12	14.3	5	2.88	12.9	1500		
AKM53K	"C" 95/115/24	9.1	11.6	9.4	1.24	7.65	4000		
AKM53G	"C" 95/115/24	9.1	11.4	4.77	2.99	9.85	2000		
AKM52K	"C" 95/115/24	6.2	8.6	9.3	0.93	3.9	5500		
AKM52G	"C" 95/115/24	6.2	8.43	4.72	1.79	7.06	2500		
AKM52E	"C" 95/115/24	6.2	8.34	2.99	2.79	7.61	1500		
AKM51G	"C" 95/115/24	3.4	4.75	4.84	0.99	2.62	5000		
AKM51E	"C" 95/115/24	3.4	4.7	2.75	1.72	3.98	2500		
AKM44J	2)	2.7	6	8.8	0.69	2.75	6000		
AKM44G	2)	2.7	5.88	5	1.19	3.76	4000		
AKM44E	2)	2.7	5.76	2.9	2.04	4.8	2000		
AKM43G	2)	2.1	4.8	4.87	0.99	3.01	5000		
AKM43E	2)	2.1	4.7	2.76	1.72	3.92	2500		
AKM42G	2)	1.5	3.53	4.8	0.74	2.35	6000		
AKM42E	2)	1.5	3.42	2.74	1.26	2.81	3500		
AKM42C	2)	1.5	3.35	1.4	2.4	3.1	1500		
AKM41E	2)	0.81	2.02	2.85	0.71	1.58	6000		
AKM41C	2)	0.81	1.95	1.46	1.34	1.77	3000		
AKM33E	"C" 60/85/14	0.85	2.79	2.58	1.1	2.34	4500		
AKM33C	"C" 60/85/14	0.85	2.71	1.47	1.86	2.54	2000		
AKM32D	"C" 60/85/14	0.59	2.04	2.23	0.92	1.65	5500		
AKM32C	"C" 60/85/14	0.59	2	1.44	1.4	1.86	3000		
AKM31C	"C" 60/85/14	0.33	1.15	1.37	0.85	1	5000		
AKM24D	"A" 40/63/9	0.27	1.41	2.21	0.63	1.11	8000		
AKM24C	"A" 40/63/9	0.27	1.38	1.42	0.97	1.25	4500		
AKM23D	"A" 40/63/9	0.22	1.16	2.19	0.52	0.92	8000		
AKM23C	"A" 40/63/9	0.22	1.13	1.41	0.8	0.99	5500		
AKM22C	"A" 40/63/9 ¹⁾	0.16	0.84	1.39	0.61	0.68	8000		

¹⁾ Pilot/Boltcircle/Shaft Diameter

● mounting flange compatible
○ different mounting flange size

2) 6SM37 "C" 60/90/19
6SM4x "A" 80/100/19

SBL to AKM Cross-Reference (330 VDC-Winding)

AKM Motor	comp. flange	J kgcm ²	To Stall		K _t Nm/A	330V Tr	w _r	w _r	DBL Motor	flange	J kgcm ²	To Stall		K _t Nm/A	330V Tr	w _r	w _r		
AKM73P	"A" 180/215/38	92	41.6	19.5	2.13	34.7	1300												
AKM72P	"A" 180/215/38	65	29.4	18.7	1.58	23.8	1800												
AKM65N	"A" 130/165/32	40	24.3	17.8	1.38	19.8	2000												
AKM65M	"A" 130/165/32	40	25	13.6	1.85	21.9	1500												
AKM65K	"A" 130/165/32	40	24.8	9.8	2.54	22.8	1000												
AKM64P	"A" 130/165/32	32	20.4	18.6	1.1	16	2500												
AKM64L	"A" 130/165/32	32	21	12.8	1.66	18.4	1500												
AKM64K	"A" 130/165/32	32	20.8	9.2	2.28	18.8	1200												
AKM63N	"A" 130/165/32	24	17	17.4	0.98	13	3000												
AKM63M	"A" 130/165/32	24	17	13.8	1.24	14.3	2000												
AKM63K	"A" 130/165/32	24	16.8	9.9	1.71	14.9	1500												
AKM62P	"A" 130/165/32	17	12.3	18.8	0.66	8.1	4500												
AKM62M	"A" 130/165/32	17	12.2	13.4	0.91	9.5	3000												
AKM62K	"A" 130/165/32	17	12.2	9.6	1.28	10.4	2000												
AKM54N	"C" 95/115/24	12	14.1	17.8	0.8	9.85	3500												
AKM54M	"C" 95/115/24	12	14.1	12.5	1.13	11.5	2500												
AKM54K	"C" 95/115/24	12	14.4	9.7	1.5	12.7	1800												
AKM53P	"C" 95/115/24	9.1	11.4	19.1	0.6	5.88	5000												
AKM53M	"C" 95/115/24	9.1	11.4	13.4	0.85	8.72	3000												
AKM53K	"C" 95/115/24	9.1	11.6	9.4	1.24	10.1	2000												
AKM52G	"C" 95/115/24	6.2	8.6	13.1	0.66	5.2	4500												
AKM52K	"C" 95/115/24	6.2	8.6	9.3	0.93	6.8	3000												
AKM51K	"C" 95/115/24	3.4	4.9	9.4	0.52	2.35	5500												
AKM51G	"C" 95/115/24	3.4	4.75	4.84	0.99	4.02	2500												
AKM45J	"C" 95/115/24	3.4	4.7	2.75	1.72	4.41	1200												
AKM44J	"A" 80/100/19	2.7	6	8.8	0.69	3.84	4000												
AKM44G	"A" 80/100/19	2.7	5.88	5	1.19	4.9	2000												
AKM44E	"A" 80/100/19	2.7	5.76	2.9	2.04	5.22	1200												
AKM43K	"A" 80/100/19	2.1	4.9	9.6	0.52	2.62	6000												
AKM43G	"A" 80/100/19	2.1	4.8	4.87	0.99	4	2500												
AKM42E	"A" 80/100/19	2.1	4.7	2.76	1.72	4.24	1500												
AKM42J	"A" 80/100/19	1.5	3.56	8.4	0.43	2.38	6000												
AKM42G	"A" 80/100/19	1.5	3.53	4.8	0.74	2.9	3500												
AKM42E	"A" 80/100/19	1.5	3.42	2.74	1.26	3.12	1800												
AKM41H	"A" 80/100/19	0.81	2.06	5.6	0.37	1.62	6000												
AKM41E	"A" 80/100/19	0.81	2.02	2.85	0.71	1.82	3000												
AKM41C	"A" 80/100/19	0.81	1.95	1.46	1.34	1.88	1200												
AKM33H		0.85	2.79	5.62	0.52	2.27	5500												
AKM33E		0.85	2.79	2.58	1.1	2.62	2000												
AKM33C		0.85	2.71	1.47	1.86	2.64	1000												
AKM32H		0.59	2.1	5.5	0.39	1.45	7000												
AKM32D		0.59	2.04	2.23	0.92	1.93	2500												
AKM31E		0.33	1.2	2.99	0.41	0.95	6000												
AKM31C		0.33	1.15	1.37	0.85	1.12	2500												
AKM24F	"A" 40/63/9	0.27	1.42	3.89	0.36	1.12	8000												
AKM24D	"A" 40/63/9	0.27	1.41	2.21	0.63	1.29	4000												
AKM24C	"A" 40/63/9	0.27	1.38	1.42	0.97	1.32	2000												
AKM23F	"A" 40/63/9	0.22	1.18	4.31	0.27	0.94	8000												
AKM23D	"A" 40/63/9	0.22	1.16	2.19	0.52	1.03	5000												
AKM23C	"A" 40/63/9	0.22	1.13	1.41	0.8	1.08	2500												
AKM22E	"A" 40/63/9	0.16	0.87	2.73	0.32	0.7	8000												
AKM22C	"A" 40/63/9	0.16	0.84	1.39	0.61	0.78	3500												
AKM21C	"A" 40/63/9 ¹⁾	0.11	0.48	1.58	0.3	0.39	8000												
AKM13C		0.045	0.41	1.48	0.278	0.36	8000												
AKM12C		0.031	0.31	1.51	0.207	0.28	8000												
AKM11B		0.017	0.18	1.16	0.158	0.17	8000												

¹⁾ Pilot/Boltcircle/Shaft Diameter

- mounting flange compatible
- different mounting flange size

SBL to AKM Cross-Reference (560 VDC-Winding)

AKM Moto	comp. flange	J kgcm ²	Stall		K _t Nm/A	560V		Tr wr	wr	●	○
			To	Io		Tr	wr				
AKM74P	"A" 180/215/38	120	52.5	18.5	2.84	39.6	1800				
AKM74L	"A" 180/215/38	120	53	12.9	4.14	43.5	1200				
AKM73P	"A" 180/215/38	92	41.6	19.5	2.13	28.5	2400				
AKM73M	"A" 180/215/38	92	42	13.6	3.1	33.8	1500				
AKM72P	"A" 180/215/38	65	29.4	18.7	1.58	20.1	3000				
AKM72M	"A" 180/215/38	65	30	13	2.33	23.6	2000				
AKM72K	"A" 180/215/38	65	29.7	9.3	3.23	25.1	1500				
AKM65N	"A" 130/165/32	40	24.3	17.8	1.38	16	3500				
AKM65M	"A" 130/165/32	40	25	13.6	1.85	19.2	2500				
AKM65K	"A" 130/165/32	40	24.8	9.8	2.54	20.2	2000				
AKM64P	"A" 130/165/32	32	20.4	18.6	1.1	11.9	4500				
AKM64L	"A" 130/165/32	32	21	12.8	1.66	15.6	3000				
AKM64K	"A" 130/165/32	32	20.8	9.2	2.28	17.2	2000				
AKM63N	"A" 130/165/32	24	17	17.4	0.98	9.6	5000				
AKM63M	"A" 130/165/32	24	17	13.8	1.24	11.3	4000				
AKM63K	"A" 130/165/32	24	16.8	9.9	1.71	12.9	3000				
AKM63G	"A" 130/165/32	24	16.5	4.5	3.7	14.9	1200				
AKM62M	"A" 130/165/32	17	12.2	13.4	0.91	5.7	6000				
AKM62K	"A" 130/165/32	17	12.2	9.6	1.28	9	3500				
AKM62G	"A" 130/165/32	17	11.9	4.9	2.47	10.4	1800				
AKM54L	"C" 95/115/24	12	14.1	12.5	1.13	8.13	4500				
AKM54K	"C" 95/115/24	12	14.4	9.7	1.5	10.1	3500				
AKM54G	"C" 95/115/24	12	14.3	5	2.88	12.9	1500				
AKM53K	"C" 95/115/24	9.1	11.6	9.4	1.24	7.65	4000				
AKM53G	"C" 95/115/24	9.1	11.4	4.77	2.39	9.85	2000				
AKM52K	"C" 95/115/24	6.2	8.6	9.3	0.93	3.9	5500				
AKM52G	"C" 95/115/24	6.2	8.43	4.72	1.79	7.06	2500				
AKM52E	"C" 95/115/24	6.2	8.34	2.99	2.79	7.61	1500				
AKM51G	"C" 95/115/24	3.4	4.75	4.84	0.99	2.62	5000				
AKM51E	"C" 95/115/24	3.4	4.7	2.75	1.72	3.98	2500				
AKM44J	"A" 80/100/19	2.7	6	8.8	0.69	2.75	6000				
AKM44G	"A" 80/100/19	2.7	5.88	5	1.19	3.76	4000				
AKM44E	"A" 80/100/19	2.7	5.76	2.9	2.04	4.8	2000				
AKM43G	"A" 80/100/19	2.1	4.8	4.87	0.99	3.01	5000				
AKM43E	"A" 80/100/19	2.1	4.7	2.76	1.72	3.92	2500				
AKM42G	"A" 80/100/19	1.5	3.53	4.8	0.74	2.35	6000				
AKM42E	"A" 80/100/19	1.5	3.42	2.74	1.26	2.81	3500				
AKM42C	"A" 80/100/19	1.5	3.35	1.4	2.4	3.1	1500				
AKM41E	"A" 80/100/19	0.81	2.02	2.85	0.71	1.58	6000				
AKM41C	"A" 80/100/19	0.81	1.95	1.46	1.34	1.77	3000				
AKM33E		0.85	2.79	2.58	1.1	2.34	4500				
AKM33C		0.85	2.71	1.47	1.86	2.54	2000				
AKM32D		0.59	2.04	2.23	0.92	1.65	5500				
AKM32C		0.59	2	1.44	1.4	1.86	3000				
AKM31C		0.33	1.15	1.37	0.85	1	5000				
AKM24D	"A" 40/63/9	0.27	1.41	2.21	0.63	1.11	8000				
AKM24C	"A" 40/63/9	0.27	1.38	1.42	0.97	1.25	4500				
AKM23D	"A" 40/63/9	0.22	1.16	2.19	0.52	0.92	8000				
AKM23C	"A" 40/63/9	0.22	1.13	1.41	0.8	0.99	5500				
AKM22C	"A" 40/63/9 ¹⁾	0.16	0.84	1.39	0.61	0.68	8000				
SBL2-0020	40/63/9 ¹⁾	0.06	0.2	0.46	0.44	0.19	4500	●			
SBL2-0040	40/63/9	0.08	0.4	0.55	0.73	0.36	4500	●			
SBL2-0060	40/63/9	0.11	0.6	0.73	0.82	0.55	4500	●			
SBL2-0080	40/63/9	0.13	0.8	1	0.83	0.72	4500	●			
SBL3-0065	80/100/14	0.5	0.65	0.67	0.98	0.6	3000	○	○		
SBL3-0130	80/100/14	0.8	1.3	1	1.29	1.15	3000			○	
SBL3-0190	80/100/14	1	1.9	1.5	1.27	1.6	3000				○
SBL3-0250	80/100/14	1.4	2.5	1.8	1.3	2.15	3000				○
SBL3-0300	80/100/14	1.7	3	2.1	1.46	2.5	3000				○
SBL4-0260	95/115/19	2.1	2.6	1.9	1.36	2.3	3000				○
SBL4-0530	95/115/19	2.8	5.3	4	1.32	4.6	3000				○
SBL4-0750	95/115/19	4.3	7.5	4.7	1.59	6.4	3000				○
SBL5-0660	130/165/24	8.9	6.6	4.6	1.45	5.6	3000				○
SBL5-1050	130/165/24	11.9	10.5	7.1	1.49	8.5	3000				○
SBL5-1350	130/165/24	13.4	13.5	9.1	1.49	10.7	3000				○
SBL5-1700	130/165/24	17.2	17	10.7	1.59	14	3000				○
SBL5-2200	130/165/24	19.9	22	14.8	1.49	17	3000				○
SBL6-1350	180/215/24	15.8	13.5	10.9	1.24	10	3000				○
SBL6-1900	180/215/24	22	19	13.5	1.41	14	3000				○
SBL6-2200	180/215/24	25.1	22	15.1	1.46	16	3000				○
SBL6-2900	180/215/24	38.2	29	20.4	1.42	22	3000				○
SBL7-2600	180/215/28	97	26	17	1.53	20	3000				○
SBL7-3200	180/215/28	114	32	21.4	1.5	23	3000				○
SBL7-4000	180/215/28	139	40	24.2	1.65	26	3000				○
SBL8-4000	230/265/38	76	40	22	1.82	30	3000				○
SBL8-6800	230/265/38	114	68	36	1.9	50	3000				○
SBL8-9300	230/265/42	153	93	34	2.78	70	2000				○
SBL8-11500	230/265/42	190	115	42	2.71	85	2000				○

¹⁾ Pilot/Boltcircle/Shaft Diameter

● mounting flange compatible
○ different mounting flange size

Bautz M-Serie to AKM Cross-Reference (330 VDC-Winding)

Bautz M	flange	J		Stall		K _t	330V		AKM Motor
		kgcm ²	To	lo	Tr		wr		
M254D	40/63/9 ¹⁾	0.09	0.4	1	0.413	0.35	5500		AKM73P
M254F	40/63/9	0.09	0.4	0.55	0.728	0.38	2380		AKM72P
M256D	40/63/9	0.11	0.6	1.5	0.413	0.53	5800		AKM65N
M256F	40/63/9	0.11	0.6	0.8	0.727	0.56	2950		AKM65M
M258D	40/63/9	0.17	0.9	2.2	0.413	0.77	5950		AKM65K
M258F	40/63/9	0.17	0.9	1.2	0.744	0.83	3490		AKM65J
M404D	80/100/14	0.7	1.2	2.9	0.413	0.95	6200		AKM64P
M404F	80/100/14	0.7	1.2	1.65	0.727	1.07	3350		AKM64L
M406D	80/100/14	1.2	2.3	5.6	0.413	1.77	6450		AKM63N
M406F	80/100/14	1.2	2.3	3.2	0.727	2	3530		AKM63M
M408D	80/100/14	1.6	3	7.3	0.413	2	6600		AKM63K
M408F	80/100/14	1.6	3	4.2	0.727	2.4	3545		AKM63J
M504F	95/115/19	2.9	4.6	6.3	0.728	3.9	3550		AKM62P
M504K	95/115/19	2.9	4.6	4	1.16	4.1	2209		AKM62M
M506F	95/115/19	4.5	6.9	9.5	0.728	5.4	3600		AKM62K
M506K	95/115/19	4.5	6.9	6	1.158	5.7	2486		AKM54N
M508F	95/115/19	6.1	9.1	12.5	0.728	6.5	3650		AKM54K
M508K	95/115/19	6.1	9.1	7.9	1.158	7.1	2533		AKM54J
M713F	130/165/24	8.6	10	13.7	0.728	7.5	3550		AKM54L
M713K	130/165/24	8.6	10	8.6	1.167	8	2462		AKM54P
M714F	130/165/24	14	16	22	0.728	14	3550		AKM54K
M714K	130/165/24	14	16	13.8	1.167	14.6	2441		AKM54J
M716F	130/165/24	18.6	21	28.8	0.728	16	3675		AKM54L
M716K	130/165/24	18.6	21	18.1	1.167	17.3	2478		AKM54P
M904F	180/215/32	52	35	48.1	0.73	20.8	4139		AKM53N
M904K	180/215/32	52	35	30.2	1.16	26.1	2586		AKM53M
M906F	180/215/32	78	55	73.9	0.74	15	4176		AKM53K
M906K	180/215/32	78	55	47.5	1.158	34	2350		AKM53J

¹⁾Pilot/Boltcircle/Shaft Diameter

● mounting flange compatible
○ different mounting flange size

Bautz M-Serie to AKM Cross-Reference (560 VDC-Winding)

Bautz M	flange	J kgcm ²	Stall		K _t Nm/A	560V Tr wr	AKM Motor	comp. flange	J kgcm ²	Stall		K _t Nm/A	Tr 560V wr
			To	lo						To	lo		
M254F	40/63/9 ¹⁾	0.09	0.4	0.55	0.728	0.34	6050						
M256F	40/63/9	0.11	0.6	0.8	0.727	0.52	6600						
M258F	40/63/9	0.17	0.9	1.2	0.744	0.76	6593						
M404F	80/100/14	0.7	1.2	16.5	0.727	0.9	7000						
M404I	80/100/14	0.7	1.2	0.81	1.488	1.06	3109						
M406F	80/100/14	1.2	2.3	3.2	0.727	1.72	7200						
M406I	80/100/14	1.2	2.3	1.55	1.488	2	3317						
M408F	80/100/14	1.6	3	4.2	0.727	1.9	7200						
M408H	80/100/14	1.6	3	2.02	1.488	2.46	3399						
M504H	95/115/19	2.9	4.6	4.5	0.992	3.5	5150						
M504I	95/115/19	2.9	4.6	3.1	1.488	3.9	3400						
M506H	95/115/19	4.5	6.9	7	0.992	4.3	5300						
M506I	95/115/19	4.5	6.9	4.6	1.49	5.3	3428						
M508H	95/115/19	6.1	9.1	9.2	0.992	4.9	5350						
M508I	95/115/19	6.1	9.1	6.1	1.49	6.3	3490						
M713H	130/165/24	8.6	10	10.1	0.999	5.8	5259						
M713I	130/165/24	8.6	10	6.7	1.488	7.3	3390						
M714H	130/165/24	14	16	16.1	0.999	13.1	5094						
M714I	130/165/24	14	16	10.7	1.489	14.1	3363						
M716H	130/165/24	18.6	21	21.1	0.992	14	5300						
M716I	130/165/24	18.6	21	14.1	1.489	15.7	3504						
M904I	180/215/32	52	35	23.5	1.488	23	3503						
M904L	180/215/32	52	35	17.6	1.98	26.1	2597						
M906I	180/215/32	78	55	37	1.488	20.6	3600						
M906L	180/215/32	78	55	27.7	1.98	29.6	2653						

¹⁾ Pilot/Boltcircle/Shaft Diameter

- mounting flange compatible
- different mounting flange size