



6. GEAR UNIT SELECTION TABLES

6.1 Possible geometrical combinations

FKM50.. $n_1=1400$ r/min

130Nm

Gear units	i Nominal	i Actual	n_2 [r/min]	M_2 max [Nm]	F_{r2} [N]	63B5	71B5 71B14	80B5 80B14	90B5 90B14
3 Stage									
FKM50C	300	291.79	4.8	130	4100				
FKM50C	250	244.29	5.7	130	4100				
FKM50C	200	200.44	7.0	130	4100				
FKM50C	150	146.67	9.5	130	4000				
FKM50C	125	120.34	11.6	100	3770				
FKM50C	100	101.04	13.9	80	3560				
FKM50C	75	74.62	18.8	130	3220				
FKM50C	60	62.36	22	100	3030				
FKM50C	50	52.36	27	110	2860				
2 Stage									
FKM50B	60	58.36	24	130	2960				
FKM50B	50	48.86	29	130	2790				
FKM50B	40	40.09	35	130	2610				
FKM50B	30	29.33	48	130	2350				
FKM50B	25	24.07	58	130	2200				
FKM50B	20	20.21	69	100	2080				
FKM50B	15	14.92	94	80	1880				
FKM50B	12.5	12.47	112	130	1770				
FKM50B	10	10.47	134	100	1670				
FKM50B	7.5	7.73	181	80	1510				

FKM63.. $n_1=1400$ r/min

200Nm

Gear units	i Nominal	i Actual	n_2 [r/min]	M_2 max [Nm]	F_{r2} [N]	63B5	71B5 71B14	80B5 80B14	90B5 90B14
3 Stage									
FKM63C	300	302.50	4.6	200	4800				
FKM63C	250	243.57	5.7	200	4800				
FKM63C	200	196.43	7.1	180	4800				
FKM63C	150	151.56	9.2	200	4650				
FKM63C	125	122.22	11.5	180	4330				
FKM63C	100	101.27	13.8	150	4070				
FKM63C	75	73.33	19.1	110	3650				
FKM63C	60	63.33	22	180	3480				
FKM63C	50	52.48	27	150	3270				
2 Stage									
FKM63B	60	60.50	23	200	3430				
FKM63B	50	48.71	29	200	3190				
FKM63B	40	39.29	36	180	2970				
FKM63B	30	30.31	46	200	2720				
FKM63B	25	24.44	57	180	2530				
FKM63B	20	20.25	69	150	2380				
FKM63B	15	14.67	95	110	2130				
FKM63B	12.5	12.67	110	180	2030				
FKM63B	10	10.50	133	150	1910				
FKM63B	7.5	7.60	184	110	1710				



FKM75.. $n_1=1400$ r/min

350Nm

Gear units	i Nominal	i Actual	n_2 [r/min]	M_2 max [Nm]	F_{r2} [N]	63B5	71B5	80B5 80B14	90B5 90B14	100B5 100B14	112B5 112B14
3 Stage											
FKM75C	300	297.21	4.7	350	6500						
FKM75C	250	240.89	5.8	350	6500						
FKM75C	200	200.66	7.0	300	6500						
FKM75C	150	151.20	9.3	350	6500						
FKM75C	125	125.95	11.1	300	5980						
FKM75C	100	99.22	14.1	240	5520						
FKM75C	75	75.45	18.6	200	5040						
FKM75C	60	62.43	22	300	4730						
FKM75C	50	49.18	28	240	4370						
2 Stage											
FKM75B	60	59.44	24	350	4660						
FKM75B	50	48.18	29	350	4340						
FKM75B	40	40.13	35	300	4080						
FKM75B	30	30.24	46	350	3720						
FKM75B	25	25.19	56	300	3500						
FKM75B	20	19.84	71	240	3230						
FKM75B	15	15.09	93	200	2950						
FKM75B	12.5	12.49	112	300	2770						
FKM75B	10	9.84	142	240	2550						
FKM75B	7.5	7.48	187	200	2330						

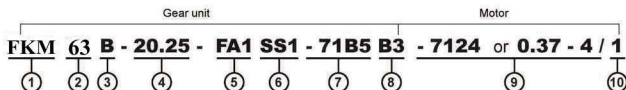
FKM90.. $n_1=1400$ r/min

500Nm

Gear units	i Nominal	i Actual	n_2 [r/min]	M_2 max [Nm]	F_{r2} [N]	63B5	71B5	80B5 80B14	90B5 90B14	100B5 100B14	112B5 112B14
3 Stage											
FKM90C	300	295.18	4.7	500	8300						
FKM90C	250	240.89	5.8	500	8300						
FKM90C	200	200.66	7.0	480	8300						
FKM90C	150	151.20	9.3	500	8050						
FKM90C	125	125.95	11.1	480	7580						
FKM90C	100	99.22	14.1	380	7000						
FKM90C	75	75.45	18.6	300	6390						
FKM90C	60	62.43	22	480	6000						
FKM90C	50	49.18	28	380	5540						
2 Stage											
FKM90B	60	59.04	24	500	5890						
FKM90B	50	48.18	29	500	5500						
FKM90B	40	40.13	35	480	5170						
FKM90B	30	30.24	46	500	4710						
FKM90B	25	25.19	56	480	4430						
FKM90B	20	19.84	71	380	4090						
FKM90B	15	15.09	93	300	3730						
FKM90B	12.5	12.49	112	480	3510						
FKM90B	10	9.84	142	380	3240						
FKM90B	7.5	7.48	187	300	2950						



3. MODEL ILLUMINATE



No	Comments
1	Code for gear units series: FKM, FKB
2	Specification code of gear units 50, 63, 75, 90
3	1). B : Means 2 stages 2). C : Means 3 stages
4	Speed ratio of reducer i
5	1). No mark means without output flange 2). FA,FB,FC,FD,FE(1/2) : output Flange and position
6	1). No mark means hole output 2). SS(1/2) : Single output shaft and position 3). DS : Double output shaft
7	1). Input flange code(63B5、71B5、71B14.....) 2). HS : means shaft input
8	Installation position code
9	1). No mark means without motor 2). Model motos (poles of power)
10	Position diagram for motor terminal box default position 1 not to write out is ok

When ordering, you should show whether the reducers are equipped with motors, otherwise reducers aren't supplied with motors.

Example: **FKM75B - 15.09 - FA1 - 71B5 - 7124**



6.2 FKM .. (IEC) .. Performance Parameter

P _{1n} [kW]	n ₂ [r/min]	M _{2n} [Nm]	i Nominal	i Actual	F _{r2} [N]	fs			
0.12	5.7	184	250	244.29	4100	0.7	FKM50C	63B5	6314
	7.0	151	200	200.44	4100	0.9			
	9.5	110	150	146.67	4000	1.2			
	11.6	91	125	120.34	3770	1.4			
	13.9	76	100	101.04	3560	1.3			
	18.8	56	75	74.62	3220	1.4			
	22.5	47	60	62.36	3030	2.8			
	26.7	39	50	52.36	2860	2.5			
	24.0	45	60	58.36	2960	2.9	FKM50B	63B5	6314
	28.7	38	50	48.86	2790	3.5			
	35	31	40	40.09	2610	4.2			
	48	23	30	29.33	2350	5.8			
	58	18.5	25	24.07	2200	7.0			
	69	15.6	20	20.21	2080	6.4			
	94	11.5	15	14.92	1880	7.0			
	112	9.6	12.5	12.47	1770	13.5			
	134	8.1	10	10.47	1670	12.4	FKM63C	63B5 63B5	6314 6314
	181	5.9	7.5	7.73	1510	13.5			
	4.6	228	300	302.50	4800	0.9			
	5.7	183	250	243.57	4800	1.1			
	7.1	148	200	196.43	4800	1.2			
	9.2	114	150	151.56	4650	1.8			
	11.5	92	125	122.22	4330	2.0			
	13.8	76	100	101.27	4070	2.0			
	19.1	55	75	73.33	3650	2.0	FKM63B	63B5 63B5	6314 6314
	22.1	48	60	63.33	3480	3.8			
	26.7	40	50	52.48	3270	3.8			
	23.1	47	60	60.50	3430	4.3			
	28.7	37	50	48.71	3190	5.3	FKM75C	63B5 63B5	6314 6314
	36	30	40	39.29	2970	6.0			
	46	23	30	30.31	2720	8.6			
	4.7	224	300	297.21	6500	1.6			
	5.8	181	250	240.89	6500	1.9			
	7.0	151	200	200.66	6500	2.0	FKM90C	63B5 63B5	6314 6314
	9.3	114	150	151.20	6500	3.1			
	11.1	95	125	125.95	5980	3.2			
	14.1	75	100	99.22	5520	3.2			
	18.6	57	75	75.45	5040	3.5			
	4.7	222	300	295.18	8300	2.2			
0.18	5.8	181	250	240.89	8300	2.8	FKM50C	63B5	6312
	7.0	151	200	200.66	8300	3.2			
	9.3	114	150	151.20	8050	4.4			
	9.6	165	300	291.79	4000	0.8	FKM50C	63B5	6312
	11.5	138	250	244.29	3790	0.9			
	14.0	113	200	200.44	3550	1.1			
	19.1	83	150	146.67	3200	1.6			
	23.3	68	125	120.34	2990	1.9			
	27.7	57	100	101.04	2820	1.8			
	38	42	75	74.62	2550	1.9			
	45	35	60	62.36	2400	3.7			
	53	30	50	52.36	2270	3.4			
	48	34	60	58.36	2350	3.9	FKM50C	63B5	6312
	57	28	50	48.86	2220	4.6			
	70	23	40	40.09	2070	5.6			



P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i Nominal	i Actual	F_{r2} [N]	f_s			
0.18	95	16.9	30	29.33	1870	7.7	FKM50B	63B5	6312
	116	13.9	25	24.07	1750	9.4			
	11.6	136	125	120.34	3770	1.0	FKM50C	63B5	6324
	13.9	114	100	101.04	3560	0.9			
	18.8	84	75	74.62	3220	0.9			
	22.5	70	60	62.36	3030	1.8			
	26.7	59	50	52.36	2860	1.7			
	24.0	67	60	58.36	2960	1.9	FKM50B	63B5	6324
	28.7	56	50	48.86	2790	2.3			
	35	46	40	40.09	2610	2.8			
	48	34	30	29.33	2350	3.8			
	58	28	25	24.07	2200	4.7			
	69	23	20	20.21	2080	4.3			
	94	17.2	15	14.92	1880	4.6			
	112	14.4	12.5	12.47	1770	9.0			
	134	12.1	10	10.47	1670	8.3			
	181	8.9	7.5	7.73	1510	9.0			
	14.4	110	60	62.36	3510	1.2	FKM50C	71B5/B14	7116
	17.2	92	50	52.36	3310	1.1			
	15.4	105	60	58.36	3430	1.2	FKM50B	71B5/B14	7116
	18.4	88	50	48.86	3240	1.5			
	22.4	72	40	40.09	3030	1.8			
	31	53	30	29.33	2730	2.5			
	37	43	25	24.07	2550	3.0			
	45	36	20	20.21	2410	2.8			
	60	27	15	14.92	2180	3.0			
	72	22	12.5	12.47	2050	5.8			
	86	18.8	10	10.47	1930	5.3			
	116	13.9	7.5	7.73	1750	5.8			
	9.3	171	300	302.50	4650	1.2	FKM63C	63B5	6312
	11.5	138	250	243.57	4330	1.5		63B5	6312
	14.3	111	200	196.43	4030	1.6			
	18.5	86	150	151.56	3690	2.3			
	22.9	69	125	122.22	3440	2.6			
	27.6	57	100	101.27	3230	2.6			
	38	41	75	73.33	2900	2.7			
	44	36	60	63.33	2760	5.0			
	53	30	50	52.48	2590	5.1			
	7.1	222	200	196.43	4800	0.8	FKM63C	63B5	6324
	9.2	171	150	151.56	4650	1.2		63B5	6324
	11.5	138	125	122.22	4330	1.3			
	13.8	114	100	101.27	4070	1.3			
	19.1	83	75	73.33	3650	1.3			
	22.1	72	60	63.33	3480	2.5			
	26.7	59	50	52.48	3270	2.5			
	23.1	70	60	60.50	3430	2.9	FKM63B	63B5	6324
	28.7	56	50	48.71	3190	3.6		63B5	6324
	36	45	40	39.29	2970	4.0			
	12.3	129	75	73.33	4230	0.9	FKM63C	71B5/B14	7116
	14.2	111	60	63.33	4030	1.6		71B5/B14	7116
	17.1	92	50	52.48	3790	1.6			
	14.9	109	60	60.50	3970	1.8	FKM63B	71B5/B14	7116
	18.5	87	50	48.71	3690	2.3		71B5/B14	7116
	22.9	71	40	39.29	3440	2.6			
	29.7	54	30	30.31	3150	3.7			
	37	44	25	24.44	2930	4.1			
	44	36	20	20.25	2760	4.1			
	61	26	15	14.67	2470	4.2			



P _{1n} [kW]	n ₂ [r/min]	M _{2n} [Nm]	i Nominal	i Actual	F _{r2} [N]	fs			
0.18	9.4	168	300	297.21	6320	2.1	FKM75C	63B5	6312
	11.6	136	250	240.89	5890	2.6		63B5	6312
	14.0	113	200	200.66	5540	2.6			
	18.5	85	150	151.20	5040	4.1			
	4.7	336	300	297.21	6500	1.0	FKM75C	63B5	6324
	5.8	272	250	240.89	6500	1.3		63B5	6324
	7.0	227	200	200.66	6500	1.3			
	9.3	171	150	151.20	6500	2.0			
	11.1	142	125	125.95	5980	2.1			
	14.1	112	100	99.22	5520	2.1			
	18.6	85	75	75.45	5040	2.3			
	4.5	353	200	200.66	6500	0.9	FKM75C	71B5	7116
	6.0	266	150	151.20	6500	1.3		71B5	7116
	7.1	221	125	125.95	6500	1.4			
	9.1	174	100	99.22	6400	1.4			
	11.9	133	75	75.45	5840	1.5			
	14.4	110	60	62.43	5480	2.7			
	18.3	86	50	49.18	5060	2.8			
	15.1	107	60	59.44	5390	3.3	FKM75B	71B5	7116
	18.7	87	50	48.18	5030	4.0		71B5	7116
	9.5	167	300	295.18	7990	3.0	FKM90C	63B5	6312
	11.6	136	250	240.89	7470	3.7		63B5	6312
	4.7	333	300	295.18	8300	1.5	FKM90C	63B5	6324
	5.8	272	250	240.89	8300	1.8		63B5	6324
	7.0	227	200	200.66	8300	2.1			
	9.3	171	150	151.20	8050	2.9			
	11.1	142	125	125.95	7580	3.4			
	14.1	112	100	99.22	7000	3.4			
	18.6	85	75	75.45	6390	3.5			
	3.0	519	300	295.18	8300	1.0	FKM90C	71B5	7116
	3.7	423	250	240.89	8300	1.2		71B5	7116
	4.5	353	200	200.66	8300	1.4			
	6.0	266	150	151.20	8300	1.9			
	7.1	221	125	125.95	8300	2.2			
	9.1	174	100	99.22	8110	2.2			
	11.9	133	75	75.45	7400	2.3			
	14.4	110	60	62.43	6950	4.4			
	18.3	86	50	49.18	6420	4.4			
	3.0	520	300	296.10	10000	1.4	FKM110C	71B5	7116
	3.7	429	250	244.29	10000	1.7		71B5	7116
	4.4	362	200	206.29	10000	2.1			
	5.9	269	150	153.33	10000	2.8			
	7.0	228	125	129.48	9840	3.3			
	8.7	182	100	103.64	9130	3.6			
	11.9	133	75	75.55	8220	3.9			
0.25	19.1	115	150	146.67	3200	1.1	FKM50C	63B5	6322
	23.3	94	125	120.34	2990	1.4			
	27.7	79	100	101.04	2820	1.3			
	38	59	75	74.62	2550	1.4			
	45	49	60	62.36	2400	2.7			
	53	41	50	52.36	2270	2.4			
	48	47	60	58.36	2350	2.8	FKM50B	63B5	6322
	57	39	50	48.86	2220	3.3			
	70	32	40	40.09	2070	4.0			
	22.5	98	60	62.36	3030	1.3	FKM50C	71B5/B14	7114
	26.7	82	50	52.36	2860	1.2			
	24.0	94	60	58.36	2960	1.4	FKM50B	71B5/B14	7114
	28.7	78	50	48.86	2790	1.7			



P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i Nominal	i Actual	F_{r2} [N]	f_s		
0.25	35	64	40	40.09	2610	2.0	FKM50B	71B5/B14 7114
	48	47	30	29.33	2350	2.8		
	58	39	25	24.07	2200	3.4		
	69	32	20	20.21	2080	3.1		
	94	24	15	14.92	1880	3.3		
	15.4	146	60	58.36	3430	0.9	FKM50B	71B5/B14 7126
	18.4	122	50	48.86	3240	1.1		
	22.4	100	40	40.09	3030	1.3		
	31	73	30	29.33	2730	1.8		
	37	60	25	24.07	2550	2.2		
	45	50	20	20.21	2410	2.0		
	60	37	15	14.92	2180	2.2		
	72	31	12.5	12.47	2050	4.2		
	86	26	10	10.47	1930	3.8		
	116	19.3	7.5	7.73	1750	4.2		
	11.5	191	250	243.57	4330	1.0	FKM63C	63B5 6322
	14.3	154	200	196.43	4030	1.2		
	18.5	119	150	151.56	3690	1.7		
	22.9	96	125	122.22	3440	1.9		
	27.6	79	100	101.27	3230	1.9		
	38	58	75	73.33	2900	1.9		
	44	50	60	63.33	2760	3.6		
	53	41	50	52.48	2590	3.6		
	11.5	192	125	122.22	4330	0.9	FKM63C	71B5/B14 7114
	13.8	159	100	101.27	4070	0.9		71B5/B14 7114
	19.1	115	75	73.33	3650	1.0		
	22.1	99	60	63.33	3480	1.8		
	26.7	82	50	52.48	3270	1.8		
	23.1	97	60	60.50	3430	2.1	FKM63B	71B5/B14 7114
	28.7	78	50	48.71	3190	2.6		71B5/B14 7114
	36	63	40	39.29	2970	2.9		
	46	49	30	30.31	2720	4.1		
	14.2	155	60	63.33	4030	1.2	FKM63C	71B5/B14 7126
	17.1	128	50	52.48	3790	1.2		71B5/B14 7126
	14.9	151	60	60.50	3970	1.3	FKM63B	71B5/B14 7126
	18.5	121	50	48.71	3690	1.6		71B5/B14 7126
	22.9	98	40	39.29	3440	1.8		
	29.7	76	30	30.31	3150	2.6		
	37	61	25	24.44	2930	3.0		
	44	50	20	20.25	2760	3.0		
	61	37	15	14.67	2470	3.0		
	9.4	233	300	297.21	6320	1.5	FKM75C	63B5 6322
	11.6	189	250	240.89	5890	1.9		63B5 6322
	14.0	157	200	200.66	5540	1.9		
	18.5	119	150	151.20	5040	3.0		
	22.2	99	125	125.95	4750	3.0		
	28.2	78	100	99.22	4380	3.1		
	37	59	75	75.45	4000	3.4		
	5.8	378	250	240.89	6500	0.9	FKM75C	71B5 7114
	7.0	315	200	200.66	6500	1.0		71B5 7114
	9.3	237	150	151.20	6500	1.5		
	11.1	198	125	125.95	5980	1.5		
	14.1	156	100	99.22	5520	1.5		
	18.6	118	75	75.45	5040	1.7		
	22.4	98	60	62.43	4730	3.1		
	28.5	77	50	49.18	4370	3.1		
	6.0	369	150	151.20	6500	0.9	FKM75C	71B5 7126
	7.1	307	125	125.95	6500	1.0		71B5 7126



FKM..(KW)

Fanglun-drive

P _{1n} [kW]	n ₂ [r/min]	M _{2n} [Nm]	i Nominal	i Actual	F _{r2} [N]	fs			
0.25	9.1	242	100	99.22	6400	1.0	FKM75C	71B5	7126
	11.9	184	75	75.45	5840	1.1		71B5	7126
	14.4	152	60	62.43	5480	2.0			
	18.3	120	50	49.18	5060	2.0			
	15.1	148	60	59.44	5390	2.4	FKM75B	71B5	7126
	18.7	120	50	48.18	5030	2.9		71B5	7126
	22.4	100	40	40.13	4730	3.0			
	9.5	232	300	295.18	7990	2.2	FKM90C	63B5	6322
	11.6	189	250	240.89	7470	2.6		63B5	6322
	14.0	157	200	200.66	7030	3.0			
	18.5	119	150	151.20	6390	4.2			
	4.7	463	300	295.18	8300	1.1	FKM90C	71B5	7114
	5.8	378	250	240.89	8300	1.3		71B5	7114
	7.0	315	200	200.66	8300	1.5			
	9.3	237	150	151.20	8050	2.1			
	11.1	198	125	125.95	7580	2.4			
	14.1	156	100	99.22	7000	2.4			
	18.6	118	75	75.45	6390	2.5			
	22.4	98	60	62.43	6000	4.9			
	28.5	77	50	49.18	5540	4.9	FKM90C	71B5	7126
	3.7	588	250	240.89	8300	0.9		71B5	7126
	4.5	490	200	200.66	8300	1.0			
	6.0	369	150	151.20	8300	1.4			
	7.1	307	125	125.95	8300	1.6			
	9.1	242	100	99.22	8110	1.6			
	11.9	184	75	75.45	7400	1.6			
	14.4	152	60	62.43	6950	3.2			
	18.3	120	50	49.18	6420	3.2	FKM90B	71B5	7126
	15.2	147	60	59.04	6820	3.4		71B5	7126
	18.7	120	50	48.18	6370	4.2			
	4.7	465	300	296.10	10000	1.6	FKM110C	71B5	7114
	5.7	383	250	244.29	10000	2.0		71B5	7114
	6.8	324	200	206.29	9920	2.3			
	9.1	241	150	153.33	8980	3.1			
	10.8	203	125	129.48	8490	3.7			
	13.5	163	100	103.64	7880	4.0			
	3.0	723	300	296.10	10000	1.0	FKM110C	71B5	7126
	3.7	596	250	244.29	10000	1.3		71B5	7126
	4.4	503	200	206.29	10000	1.5			
	5.9	374	150	153.33	10000	2.0			
	7.0	316	125	129.48	9840	2.4			
	8.7	253	100	103.64	9130	2.6			
	11.9	184	75	75.55	8220	2.8			
0.37	23.3	140	125	120.34	2990	0.9	FKM50C	71B5/B14	7112
	27.7	117	100	101.04	2820	0.9			
	38	87	75	74.62	2550	0.9			
	45	72	60	62.36	2400	1.8			
	53	61	50	52.36	2270	1.6			
	48	69	60	58.36	2350	1.9			
	57	58	50	48.86	2220	2.2			
	70	48	40	40.09	2070	2.7			
	95	35	30	29.33	1870	3.7			
	24.0	138	60	58.36	2960	0.9		71B5/B14	7124
	28.7	116	50	48.86	2790	1.1			
	35	95	40	40.09	2610	1.4			
	48	70	30	29.33	2350	1.9			
	58	57	25	24.07	2200	2.3			
	69	48	20	20.21	2080	2.1			



Fanglun-drive

FKM..(KW)

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i Nominal	i Actual	F_{r2} [N]	f_s		
0.37	94	35	15	14.92	1880	2.3	FKM50B	71B5/B14 7124
	112	30	12.5	12.47	1770	4.4		
	134	25	10	10.47	1670	4.0		
	181	18.3	7.5	7.73	1510	4.4		
	22.4	148	40	40.09	3030	0.9	FKM50B	80B5/B14 8016
	31	108	30	29.33	2730	1.2		
	37	89	25	24.07	2550	1.5		
	45	75	20	20.21	2410	1.3		
	60	55	15	14.92	2180	1.5		
	72	46	12.5	12.47	2050	2.8		
	86	39	10	10.47	1930	2.6		
	116	29	7.5	7.73	1750	2.8		
	18.5	176	150	151.56	3690	1.1	FKM63C	71B5/B14 7112
	22.9	142	125	122.22	3440	1.3		
	27.6	118	100	101.27	3230	1.3		
	38	85	75	73.33	2900	1.3		
	44	74	60	63.33	2760	2.4	FKM63B	71B5/B14 7112
	53	61	50	52.48	2590	2.5		
	46	72	60	60.50	2720	2.8		
	57	58	50	48.71	2530	3.5		
	71	47	40	39.29	2350	3.9	FKM63C	71B5/B14 7124
	22.1	147	60	63.33	3480	1.2		
	26.7	122	50	52.48	3270	1.2		
	23.1	144	60	60.50	3430	1.4	FKM63B	71B5/B14 7124
	28.7	116	50	48.71	3190	1.7		
	36	93	40	39.29	2970	1.9		
	46	72	30	30.31	2720	2.8		
	57	58	25	24.44	2530	3.1	FKM63B	80B5/B14 8016
	69	48	20	20.25	2380	3.1		
	95	35	15	14.67	2130	3.2		
	14.9	223	60	60.50	3970	0.9	FKM63B	80B5/B14 8016
	18.5	180	50	48.71	3690	1.1		
	22.9	145	40	39.29	3440	1.2		
	29.7	112	30	30.31	3150	1.8		
	37	90	25	24.44	2930	2.0	FKM75C	71B5 7112
	44	75	20	20.25	2760	2.0		
	61	54	15	14.67	2470	2.0		
	71	47	12.5	12.67	2360	3.8		
	86	39	10	10.50	2210	3.9	FKM75C	71B5 7124
	118	28	7.5	7.60	1990	3.9		
	9.4	345	300	297.21	6320	1.0		
	11.6	280	250	240.89	5890	1.3		
	14.0	233	200	200.66	5540	1.3	FKM75B	71B5 7124
	18.5	176	150	151.20	5040	2.0		
	22.2	146	125	125.95	4750	2.1		
	28.2	115	100	99.22	4380	2.1		
	37	88	75	75.45	4000	2.3	FKM75C	71B5 7124
	45	72	60	62.43	3750	4.1		
	57	57	50	49.18	3470	4.2		
	9.3	351	150	151.20	6500	1.0		
	11.1	292	125	125.95	5980	1.0	FKM75B	71B5 7124
	14.1	230	100	99.22	5520	1.0		
	18.6	175	75	75.45	5040	1.1		
	22.4	145	60	62.43	4730	2.1		
	28.5	114	50	49.18	4370	2.1	FKM75B	71B5 7124
	23.6	141	60	59.44	4680	2.5		
	29.1	114	50	48.18	4340	3.1		
	35	95	40	40.13	4080	3.2		



FKM..(KW)

Fanglun-drive

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i Nominal	i Actual	F_{r2} [N]	f_s			
0.37	14.4	225	60	62.43	5480	1.3	FKM75C	80B5/B14	8016
	18.3	178	50	49.18	5060	1.4		80B5/B14	8016
	15.1	219	60	59.44	5390	1.6	FKM75B	80B5/B14	8016
	18.7	178	50	48.18	5030	2.0		80B5/B14	8016
	22.4	148	40	40.13	4730	2.0			
	29.8	112	30	30.24	4310	3.1			
	36	93	25	25.19	4050	3.2			
	45	73	20	19.84	3740	3.3			
	60	56	15	15.09	3410	3.6			
	9.5	343	300	295.18	7990	1.5	FKM90C	71B5	7112
	11.6	280	250	240.89	7470	1.8		71B5	7112
	14.0	233	200	200.66	7030	2.1			
	18.5	176	150	151.20	6390	2.8			
	22.2	146	125	125.95	6010	3.3			
	28.2	115	100	99.22	5550	3.3			
	37	88	75	75.45	5070	3.4			
	5.8	559	250	240.89	8300	0.9	FKM90C	71B5	7124
	7.0	466	200	200.66	8300	1.0		71B5	7124
	9.3	351	150	151.20	8050	1.4			
	11.1	292	125	125.95	7580	1.6			
	14.1	230	100	99.22	7000	1.6			
	18.6	175	75	75.45	6390	1.7			
	22.4	145	60	62.43	6000	3.3			
	28.5	114	50	49.18	5540	3.3			
	23.7	140	60	59.04	5890	3.6	FKM90B	71B5	7124
	29.1	114	50	48.18	5500	4.4		71B5	7124
	6.0	546	150	151.20	8300	0.9	FKM90C	80B5/B14	8016
	7.1	455	125	125.95	8300	1.1		80B5/B14	8016
	9.1	358	100	99.22	8110	1.1			
	11.9	273	75	75.45	7400	1.1			
	14.4	225	60	62.43	6950	2.1			
	18.3	178	50	49.18	6420	2.1			
	15.2	218	60	59.04	6820	2.3	FKM90B	80B5/B14	8016
	18.7	178	50	48.18	6370	2.8		80B5/B14	8016
	22.4	148	40	40.13	6000	3.2			
	9.5	344	300	296.10	8880	2.2	FKM110C	71B5	7112
	11.5	284	250	244.29	8330	2.6		71B5	7112
	13.6	240	200	206.29	7870	3.1			
	18.3	178	150	153.33	7130	4.2			
	4.7	688	300	296.10	10000	1.1	FKM110C	71B5	7124
	5.7	567	250	244.29	10000	1.3		71B5	7124
	6.8	479	200	206.29	9920	1.6			
	9.1	356	150	153.33	8980	2.1			
	10.8	301	125	129.48	8490	2.5			
	13.5	241	100	103.64	7880	2.7			
	18.5	175	75	75.55	7090	3.0			
	4.4	745	200	206.29	10000	1.0	FKM110C	80B5	8016
	5.9	554	150	153.33	10000	1.4		80B5	8016
	7.0	468	125	129.48	9840	1.6			
	8.7	374	100	103.64	9130	1.7			
	11.9	273	75	75.55	8220	1.9			
	14.0	232	60	64.18	7780	3.2			
	17.5	186	50	51.37	7230	3.5			
	15.2	219	60	59.22	7580	3.4	FKM110B	80B5	8016
	18.4	180	50	48.86	7110	4.2		80B5	8016



Fanglun-drive

FKM..(KW)

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i Nominal	i Actual	F_{r2} [N]	f_s		
0.55	45	108	60	62.36	2400	1.2	FKM50C	71B5/B14 7122
	53	90	50	52.36	2270	1.1		
	48	103	60	58.36	2350	1.3	FKM50B	71B5/B14 7122
	57	86	50	48.86	2220	1.5		
	70	71	40	40.09	2070	1.8		
	95	52	30	29.33	1870	2.5		
	116	42	25	24.07	1750	3.1		
	139	36	20	20.21	1650	2.8		
	188	26	15	14.92	1490	3.0		
	35	141	40	40.09	2610	0.9	FKM50B	80B5/B14 8014
	48	103	30	29.33	2350	1.3		
	58	85	25	24.07	2200	1.5		
	69	71	20	20.21	2080	1.4		
	94	53	15	14.92	1880	1.5		
	112	44	12.5	12.47	1770	3.0		
	134	37	10	10.47	1670	2.7		
	181	27	7.5	7.73	1510	2.9		
	37	132	25	24.07	2550	1.0	FKM50B	80B5/B14 8026
	45	111	20	20.21	2410	0.9		
	60	82	15	14.92	2180	1.0		
	72	68	12.5	12.47	2050	1.9		
	86	57	10	10.47	1930	1.7		
	116	42	7.5	7.73	1750	1.9		
	22.9	211	125	122.22	3440	0.9	FKM63C	71B5/B14 7122
	27.6	175	100	101.27	3230	0.9		71B5/B14 7122
	38	127	75	73.33	2900	0.9		
	44	109	60	63.33	2760	1.6		
	53	91	50	52.48	2590	1.7		
	46	107	60	60.50	2720	1.9	FKM63B	71B5/B14 7122
	57	86	50	48.71	2530	2.3		71B5/B14 7122
	71	69	40	39.29	2350	2.6		
	92	53	30	30.31	2160	3.7		
	23.1	213	60	60.50	3430	0.9	FKM63B	80B5/B14 8014
	28.7	172	50	48.71	3190	1.2		80B5/B14 8014
	36	139	40	39.29	2970	1.3		
	46	107	30	30.31	2720	1.9		
	57	86	25	24.44	2530	2.1		
	69	71	20	20.25	2380	2.1		
	95	52	15	14.67	2130	2.1		
	110	45	12.5	12.67	2030	4.0		
	133	37	10	10.50	1910	4.1		
	184	27	7.5	7.60	1710	4.1		
	22.9	216	40	39.29	3440	0.8	FKM63B	80B5/B14 8026
	29.7	166	30	30.31	3150	1.2		80B5/B14 8026
	37	134	25	24.44	2930	1.3		
	44	111	20	20.25	2760	1.4		
	61	80	15	14.67	2470	1.4		
	71	70	12.5	12.67	2360	2.6		
	86	58	10	10.50	2210	2.6		
	118	42	7.5	7.60	1990	2.6		
	14.0	346	200	200.66	5540	0.9	FKM75C	71B5 7122
	18.5	261	150	151.20	5040	1.3		71B5 7122
	22.2	217	125	125.95	4750	1.4		
	28.2	171	100	99.22	4380	1.4		
	37	130	75	75.45	4000	1.5		
	45	108	60	62.43	3750	2.8		
	57	85	50	49.18	3470	2.8		



FKM..(KW)

Fanglun-drive

P _{1n} [kW]	n ₂ [r/min]	M _{2n} [Nm]	i Nominal	i Actual	F _{r2} [N]	fs		
0.55	47	105	60	59.44	3690	3.3	FKM75B	71B5 7122
	58	85	50	48.18	3440	4.1		71B5 7122
	70	71	40	40.13	3240	4.2		
	18.6	260	75	75.45	5040	0.8	FKM75C	80B5/B14 8014
	22.4	215	60	62.43	4730	1.4		80B5/B14 8014
	28.5	170	50	49.18	4370	1.4		
	23.6	210	60	59.44	4660	1.7	FKM75B	80B5/B14 8014
	29.1	170	50	48.18	4340	2.1		80B5/B14 8014
	35	142	40	40.13	4080	2.1		
	46	107	30	30.24	3720	3.3		
	56	89	25	25.19	3500	3.4		
	71	70	20	19.84	3230	3.4		
	93	53	15	15.09	2950	3.8		
	14.4	335	60	62.43	5480	0.9	FKM75C	80B5/B14 8026
	18.3	264	50	49.18	5060	0.9		80B5/B14 8026
	15.1	326	60	59.44	5390	1.1	FKM75B	80B5/B14 8026
	18.7	264	50	48.18	5030	1.3		80B5/B14 8026
	22.4	220	40	40.13	4730	1.4		
	29.8	166	30	30.24	4310	2.1		
	36	138	25	25.19	4050	2.2		
	45	109	20	19.84	3740	2.2		
	60	83	15	15.09	3410	2.4		
	9.5	509	300	295.18	7990	1.0	FKM90C	71B5 7122
	11.6	416	250	240.89	7470	1.2		71B5 7122
	14.0	346	200	200.66	7030	1.4		
	18.5	261	150	151.20	6390	1.9		
	22.2	217	125	125.95	6010	2.2		
	28.2	171	100	99.22	5550	2.2		
	37	130	75	75.45	5070	2.3		
	45	108	60	62.43	4760	4.5		
	57	85	50	49.18	4390	4.5		
	9.3	522	150	151.20	8050	1.0	FKM90C	80B5/B14 8014
	11.1	435	125	125.95	7580	1.1		80B5/B14 8014
	14.1	342	100	99.22	7000	1.1		
	18.6	260	75	75.45	6390	1.2		
	22.4	215	60	62.43	6000	2.2		
	28.5	170	50	49.18	5540	2.2		
	23.7	208	60	59.04	5890	2.4	FKM90B	80B5/B14 8014
	29.1	170	50	48.18	5500	2.9		80B5/B14 8014
	35	142	40	40.13	5170	3.4		
	14.4	335	60	62.43	6950	1.4	FKM90C	80B5/B14 8026
	18.3	264	50	49.18	6420	1.4		80B5/B14 8026
	15.2	324	60	59.04	6820	1.5	FKM90B	80B5/B14 8026
	18.7	264	50	48.18	6370	1.9		80B5/B14 8026
	22.4	220	40	40.13	6000	2.2		
	29.8	166	30	30.24	5460	3.0		
	36	138	25	25.19	5130	3.5		
	45	109	20	19.84	4740	3.5		
	60	83	15	15.09	4330	3.6		
	9.5	511	300	296.10	8880	1.5	FKM110C	71B5 7122
	11.5	422	250	244.29	8330	1.8		71B5 7122
	13.6	356	200	206.29	7870	2.1		
	18.3	265	150	153.33	7130	2.8		
	21.6	223	125	129.48	6740	3.4		
	27.0	179	100	103.64	6260	3.6		
	37	130	75	75.55	5830	4.0		



P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i Nominal	i Actual	F_{r2} [N]	f_s			
0.55	5.7	843	250	244.29	10000	0.9	FKM110C	80B5 80B5	8014 8014
	6.8	712	200	206.29	9920	1.1			
	9.1	529	150	153.33	8980	1.4			
	10.8	447	125	129.48	8490	1.7			
	13.5	358	100	103.64	7880	1.8			
	18.5	261	75	75.55	7090	2.0			
	21.8	222	60	64.18	6720	3.4			
	27.3	177	50	51.37	6240	3.7			
	23.6	209	60	59.22	6540	3.6	FKM110B	80B5 80B5	8014 8014
	28.7	172	50	48.86	6130	4.4			
	5.9	823	150	153.33	10000	0.9	FKM110C	80B5 80B5	8026 8026
	7.0	695	125	129.48	9840	1.1			
	8.7	556	100	103.64	9130	1.2			
	11.9	406	75	75.55	8220	1.3			
	14.0	345	60	64.18	7780	2.2			
	17.5	276	50	51.37	7230	2.4			
	15.2	325	60	59.22	7580	2.3	FKM110B	80B5 80B5	8026 8026
	18.4	268	50	48.86	7110	2.8			
	21.8	226	40	41.26	6720	3.3			
0.75	48	140	60	58.36	2350	0.9	FKM50B	80B5/B14 80B5/B14	8012 8012
	57	117	50	48.86	2220	1.1			
	70	96	40	40.09	2070	1.3			
	95	71	30	29.33	1870	1.8			
	116	58	25	24.07	1750	2.2			
	139	49	20	20.21	1650	2.1			
	188	36	15	14.92	1490	2.2			
	225	30	12.5	12.47	1400	4.3			
	267	25	10	10.47	1320	4.0			
	362	18.6	7.5	7.73	1200	4.3			
	48	141	30	29.33	2350	0.9	FKM50B	80B5/B14 80B5/B14	8024 8024
	58	116	25	24.07	2200	1.1			
	69	97	20	20.21	2080	1.0			
	94	72	15	14.92	1880	1.1			
	112	60	12.5	12.47	1770	2.2			
	134	50	10	10.47	1670	2.0			
	181	37	7.5	7.73	1510	2.2			
	72	93	12.5	12.47	2050	1.4	FKM50B	90B5/B14	90S6
	86	78	10	10.47	1930	1.3			
	116	58	7.5	7.73	1750	1.4			
	44	149	60	63.33	2760	1.2	FKM63C	80B5/B14 80B5/B14	8012 8012
	53	124	50	52.48	2590	1.2			
	46	145	60	60.50	2720	1.4	FKM63B	80B5/B14 80B5/B14	8012 8012
	57	117	50	48.71	2530	1.7			
	71	94	40	39.29	2350	1.9			
	92	73	30	30.31	2160	2.7			
	115	59	25	24.44	2010	3.1			
	138	49	20	20.25	1890	3.1			
	191	35	15	14.67	1690	3.1			
	28.7	234	50	48.71	3190	0.9	FKM63B	80B5/B14 80B5/B14	8024 8024
	36	189	40	39.29	2970	1.0			
	46	146	30	30.31	2720	1.4			
	57	118	25	24.44	2530	1.5			
	69	97	20	20.25	2380	1.5			
	95	71	15	14.67	2130	1.6			
	110	61	12.5	12.67	2030	3.0			
	133	50	10	10.50	1910	3.0			
	184	37	7.5	7.60	1710	3.0			



FKM..(KW)

Fanglun-drive

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i Nominal	i Actual	F_{r2} [N]	f_s			
0.75	29.7	227	30	30.31	3150	0.9	FKM63B	90B5/B14	90S6
	37	183	25	24.44	2930	1.0		90B5/B14	90S6
	44	151	20	20.25	2760	1.0			
	61	110	15	14.67	2470	1.0			
	71	95	12.5	12.67	2360	1.9			
	86	79	10	10.50	2210	1.9			
	118	57	7.5	7.60	1990	1.9			
	18.5	356	150	151.20	5040	1.0	FKM75C	80B5/B14	80I2
	22.2	296	125	125.95	4750	1.0		80B5/B14	80I2
	28.2	234	100	99.22	4380	1.0			
	37	178	75	75.45	4000	1.1			
	45	147	60	62.43	3750	2.0			
	57	116	50	49.18	3470	2.1			
	47	143	60	59.44	3690	2.4	FKM75B	80B5/B14	80I2
	58	116	50	48.18	3440	3.0		80B5/B14	80I2
	70	96	40	40.13	3240	3.1			
	22.4	294	60	62.43	4730	1.0	FKM75C	80B5/B14	8024
	28.5	231	50	49.18	4370	1.0		80B5/B14	8024
	23.6	286	60	59.44	4660	1.2	FKM75B	80B5/B14	8024
	29.1	232	50	48.18	4340	1.5		80B5/B14	8024
	35	193	40	40.13	4080	1.6			
	46	145	30	30.24	3720	2.4			
	56	121	25	25.19	3500	2.5			
	71	95	20	19.84	3230	2.5			
	93	73	15	15.09	2950	2.8			
	18.7	360	50	48.18	5030	1.0	FKM75B	90B5/B14	90S6
	22.4	300	40	40.13	4730	1.0		90B5/B14	90S6
	29.8	226	30	30.24	4310	1.5			
	36	188	25	25.19	4050	1.6			
	45	148	20	19.84	3740	1.6			
	60	113	15	15.09	3410	1.8			
	72	93	12.5	12.49	3210	3.2			
	91	74	10	9.84	2960	3.3			
	120	56	7.5	7.48	2700	3.6			
	11.6	567	250	240.89	7470	0.9	FKM90C	80B5/B14	80I2
	14.0	472	200	200.66	7030	1.0		80B5/B14	80I2
	18.5	356	150	151.20	6390	1.4			
	22.2	296	125	125.95	6010	1.6			
	28.2	234	100	99.22	5550	1.6	FKM90B	80B5/B14	8024
	37	178	75	75.45	5070	1.7			
	45	147	60	62.43	4760	3.3			
	57	116	50	49.18	4390	3.3			
	47	142	60	59.04	4670	3.5		80B5/B14	80I2
	58	116	50	48.18	4360	4.3		80B5/B14	80I2
	22.4	294	60	62.43	6000	1.6		80B5/B14	8024
	28.5	231	50	49.18	5540	1.6		80B5/B14	8024
	23.7	284	60	59.04	5890	1.8	FKM90B	80B5/B14	8024
	29.1	232	50	48.18	5500	2.2		80B5/B14	8024
	35	193	40	40.13	5170	2.5			
	46	145	30	30.24	4710	3.4			
	56	121	25	25.19	4430	4.0			
	71	95	20	19.84	4090	4.0			
	93	73	15	15.09	3730	4.1			
	14.4	457	60	62.43	6950	1.1	FKM90C	90B5/B14	90S6
	18.3	360	50	49.18	6420	1.1		90B5/B14	90S6



Fanglun-drive

FKM..(KW)

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i Nominal	i Actual	F_{r2} [N]	f_s			
0.75	15.2	442	60	59.04	6820	1.1	FKM90B	90B5/B14	90S6
	18.7	360	50	48.18	6370	1.4		90B5/B14	90S6
	22.4	300	40	40.13	6000	1.6			
	29.8	226	30	30.24	5460	2.2			
	36	188	25	25.19	5130	2.5			
	45	148	20	19.84	4740	2.6			
	60	113	15	15.09	4330	2.7			
	9.5	697	300	296.10	8880	1.1	FKM110C	80B5	8012
	11.5	575	250	244.29	8330	1.3		80B5	8012
	13.6	485	200	206.29	7870	1.5			
	18.3	361	150	153.33	7130	2.1			
	21.6	305	125	129.48	6740	2.5			
	27.0	244	100	103.64	6260	2.7			
	37	178	75	75.55	5630	2.9			
	9.1	722	150	153.33	8980	1.0	FKM110C	80B5	8024
	10.8	609	125	129.48	8490	1.2		80B5	8024
	13.5	488	100	103.64	7880	1.3			
	18.5	356	75	75.55	7090	1.5			
	21.8	302	60	64.18	6720	2.5			
	27.3	242	50	51.37	6240	2.7			
	23.6	285	60	59.22	6540	2.6	FKM110B	80B5	8024
	28.7	235	50	48.86	6130	3.2		80B5	8024
	34	198	40	41.26	5800	3.8			
	8.7	759	100	103.64	9130	0.9	FKM110C	90B5	90S6
	11.9	553	75	75.55	8220	0.9		90B5	90S6
	14.0	470	60	64.18	7780	1.6			
	17.5	376	50	51.37	7230	1.7			
	15.2	443	60	59.22	7580	1.7	FKM110B	90B5	90S6
	18.4	366	50	48.86	7110	2.1		90B5	90S6
	21.8	309	40	41.26	6720	2.4			
	29.3	229	30	30.67	6090	3.3			
	35	194	25	25.90	5750	3.9			
	43	155	20	20.73	5340	4.2			
1.1	70	141	40	40.09	2070	0.9	FKM50B	80B5/B14	8022
	95	103	30	29.33	1870	1.3			
	116	85	25	24.07	1750	1.5			
	139	71	20	20.21	1650	1.4			
	188	53	15	14.92	1490	1.5			
	225	44	12.5	12.47	1400	3.0			
	267	37	10	10.47	1320	2.7			
	362	27	7.5	7.73	1200	2.9			
	112	88	12.5	12.47	1770	1.5	FKM50B	90B5/B14	90S4
	134	74	10	10.47	1670	1.4			
	181	55	7.5	7.73	1510	1.5			
	72	137	12.5	12.47	2050	1.0	FKM50B	90B5/B14	90L6
	86	115	10	10.47	1930	0.9			
	116	85	7.5	7.73	1750	0.9			
	46	213	60	60.50	2720	0.9	FKM63B	80B5/B14	8022
	57	172	50	48.71	2530	1.2		80B5/B14	8022
	71	139	40	39.29	2350	1.3			
	92	107	30	30.31	2160	1.9			
	115	86	25	24.44	2010	2.1			
	138	71	20	20.25	1890	2.1			
	191	52	15	14.67	1690	2.1			
	221	45	12.5	12.67	1610	4.0			
	267	37	10	10.50	1510	4.1			
	368	27	7.5	7.60	1360	4.1			



FKM..(KW)

Fanglun-drive

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i Nominal	i Actual	F_{r2} [N]	f_s			
1.1	46	214	30	30.31	2720	0.9	FKM63B	90B5/B14	90S4
	57	172	25	24.44	2530	1.0		90B5/B14	90S4
	69	143	20	20.25	2380	1.1			
	95	103	15	14.67	2130	1.1			
	110	89	12.5	12.67	2030	2.0			
	133	74	10	10.50	1910	2.0			
	184	54	7.5	7.60	1710	2.1			
	71	139	12.5	12.67	2360	1.3	FKM63B	90B5/B14	90L6
	86	115	10	10.50	2210	1.3		90B5/B14	90L6
	118	83	7.5	7.60	1990	1.3			
	45	215	60	62.43	3750	1.4	FKM75C	80B5/B14	8022
	57	170	50	49.18	3470	1.4		80B5/B14	8022
	47	210	60	59.44	3690	1.7	FKM75B	80B5/B14	8022
	58	170	50	48.18	3440	2.1		80B5/B14	8022
	70	142	40	40.13	3240	2.1			
	93	107	30	30.24	2950	3.3			
	111	89	25	25.19	2770	3.4			
	141	70	20	19.84	2560	3.4			
	186	53	15	15.09	2340	3.8			
	29.1	340	50	48.18	4340	1.0	FKM75B	90B5/B14	90S4
	35	283	40	40.13	4080	1.1		90B5/B14	90S4
	46	213	30	30.24	3720	1.6			
	56	178	25	25.19	3500	1.7			
	71	140	20	19.84	3230	1.7			
	93	106	15	15.09	2950	1.9			
	112	88	12.5	12.49	2770	3.4			
	142	69	10	9.84	2550	3.5			
	187	53	7.5	7.48	2330	3.8			
	29.8	332	30	30.24	4310	1.1	FKM75B	90B5/B14	90L6
	36	276	25	25.19	4050	1.1		90B5/B14	90L6
	45	218	20	19.84	3740	1.1			
	60	166	15	15.09	3410	1.2			
	72	137	12.5	12.49	3210	2.2			
	91	108	10	9.84	2960	2.2			
	120	82	7.5	7.48	2700	2.4			
	18.5	522	150	151.20	6390	1.0	FKM90C	80B5/B14	8022
	22.2	435	125	125.95	6010	1.1		80B5/B14	8022
	28.2	342	100	99.22	5550	1.1			
	37	260	75	75.45	5070	1.2			
	45	215	60	62.43	4760	2.2			
	57	170	50	49.18	4390	2.2			
	47	208	60	59.04	4670	2.4	FKM90B	80B5/B14	8022
	58	170	50	48.18	4360	2.9		80B5/B14	8022
	70	142	40	40.13	4110	3.4			
	22.4	431	60	62.43	6000	1.1	FKM90C	90B5/B14	90S4
	28.5	340	50	49.18	5540	1.1		90B5/B14	90S4
	23.7	416	60	59.04	5890	1.2	FKM90B	90B5/B14	90S4
	29.1	340	50	48.18	5500	1.5		90B5/B14	90S4
	35	283	40	40.13	5170	1.7			
	46	213	30	30.24	4710	2.3			
	56	178	25	25.19	4430	2.7			
	71	140	20	19.84	4090	2.7			
	93	106	15	15.09	3730	2.8			
	18.7	529	50	48.18	6370	0.9	FKM90B	90B5/B14	90L6
	22.4	440	40	40.13	6000	1.1		90B5/B14	90L6
	29.8	332	30	30.24	5460	1.5			
	36	276	25	25.19	5130	1.7			
	45	218	20	19.84	4740	1.7			
	60	166	15	15.09	4330	1.8			



Fanglun-drive

FKM..(KW)

P _{1n} [kW]	n ₂ [r/min]	M _{2n} [Nm]	i Nominal	i Actual	F _{r2} [N]	f _s				
1.1	72	137	12.5	12.49	4060	3.5	FKM90B	90B5/B14	90L6	
	91	108	10	9.84	3750	3.5		90B5/B14	90L6	
	120	82	7.5	7.48	3420	3.7				
	11.5	843	250	244.29	8330	0.9	FKM110C	80B5	8022	
	13.6	712	200	206.29	7870	1.1		80B5	8022	
	18.3	529	150	153.33	7130	1.4				
	21.6	447	125	129.48	6740	1.7				
	27.0	358	100	103.64	6260	1.8				
	37	261	75	75.55	5630	2.0				
	44	222	60	64.18	5330	3.4				
	55	177	50	51.37	4950	3.7				
	47.3	209	60	59.22	5190	3.6	FKM110B	80B5	8022	
	57	172	50	48.86	4870	4.4		80B5	8022	
	13.5	715	100	103.64	7880	0.9	FKM110C	90B5	90S4	
	18.5	522	75	75.55	7090	1.0		90B5	90S4	
	21.8	443	60	64.18	6720	1.7				
	27.3	355	50	51.37	6240	1.8				
	23.6	418	60	59.22	6540	1.8		FKM110B	90B5	90S4
	28.7	345	50	48.86	6130	2.2			90B5	90S4
	34	291	40	41.26	5800	2.6				
	46	216	30	30.67	5250	3.5				
	54	183	25	25.90	4960	4.1				
	14.0	689	60	64.18	7780	1.1	FKM110C	90B5	90L6	
	17.5	552	50	51.37	7230	1.2		90B5	90L6	
	15.2	650	60	59.22	7580	1.2	FKM110B	90B5	90L6	
18.4	536	50	48.86	7110	1.4	90B5		90L6		
21.8	453	40	41.26	6720	1.7					
29.3	337	30	30.67	6090	2.2					
35	284	25	25.90	5750	2.6					
43	227	20	20.73	5340	2.9					
60	166	15	15.11	4810	3.1					
1.5	95	141	30	29.33	1870	0.9	FKM50B	90B5/B14	90S2	
	116	116	25	24.07	1750	1.1				
	139	97	20	20.21	1650	1.0				
	188	72	15	14.92	1490	1.1				
	225	60	12.5	12.47	1400	2.2				
	267	50	10	10.47	1320	2.0				
	362	37	7.5	7.73	1200	2.2				
	112	120	12.5	12.47	1770	1.1		FKM50B	90B5/B14	90L4
	134	101	10	10.47	1670	1.0				
	181	74	7.5	7.73	1510	1.1				
	57	234	50	48.71	2530	0.9	FKM63B	90B5/B14	90S2	
	71	189	40	39.29	2350	1.0		90B5/B14	90S2	
	92	146	30	30.31	2160	1.4				
	115	118	25	24.44	2010	1.5				
	138	97	20	20.25	1890	1.5				
	191	71	15	14.67	1690	1.6				
	221	61	12.5	12.67	1610	3.0				
	267	50	10	10.50	1510	3.0				
	368	37	7.5	7.60	1360	3.0				
	57	235	25	24.44	2530	0.8	FKM63B	90B5/B14	90L4	
	69	195	20	20.25	2380	0.8		90B5/B14	90L4	
	95	141	15	14.67	2130	0.8				
	110	122	12.5	12.67	2030	1.5				
	133	101	10	10.50	1910	1.5				
	184	73	7.5	7.60	1710	1.5				
45	294	60	62.43	3750	1.0	FKM75C	90B5/B14	90S2		
57	231	50	49.18	3470	1.0		90B5/B14	90S2		



P _{1n} [kW]	n ₂ [r/min]	M _{2n} [Nm]	i Nominal	i Actual	F _{r2} [N]	fs		
1.5	47	286	60	59.44	3690	1.2	FKM75B	90B5/B14 90S2
	58	232	50	48.18	3440	1.5		90S2
	70	193	40	40.13	3240	1.6		
	93	145	30	30.24	2950	2.4		
	111	121	25	25.19	2770	2.5		
	141	95	20	19.84	2560	2.5		
	186	73	15	15.09	2340	2.8		
	35	386	40	40.13	4080	0.8	FKM75B	90B5/B14 90L4
	46	291	30	30.24	3720	1.2		90L4
	56	242	25	25.19	3500	1.2		
	71	191	20	19.84	3230	1.3		
	93	145	15	15.09	2950	1.4		
	112	120	12.5	12.49	2770	2.5		
	142	95	10	9.84	2550	2.5		
	187	72	7.5	7.48	2330	2.8		
	45	297	20	19.84	3740	0.8	FKM75B	100B5/B14 100L6
	60	226	15	15.09	3410	0.9		100L6
	72	187	12.5	12.49	3210	1.6		
	91	147	10	9.84	2960	1.6		
	120	112	7.5	7.48	2700	1.8		
	45	294	60	62.43	4760	1.6	FKM90C	90B5/B14 90S2
	57	231	50	49.18	4390	1.6		90S2
	47	284	60	59.04	4670	1.8	FKM90B	90B5/B14 90S2
	58	232	50	48.18	4360	2.2		90S2
	70	193	40	40.13	4110	2.5		
	93	145	30	30.24	3740	3.4		
	111	121	25	25.19	3520	4.0		
	141	95	20	19.84	3250	4.0		
	186	73	15	15.09	2960	4.1		
	23.7	568	60	59.04	5890	0.9	FKM90B	90B5/B14 90L4
	29.1	463	50	48.18	5500	1.1		90L4
	35	386	40	40.13	5170	1.2		
	46	291	30	30.24	4710	1.7		
	56	242	25	25.19	4430	2.0		
	71	191	20	19.84	4090	2.0		
	93	145	15	15.09	3730	2.1		
	112	120	12.5	12.49	3510	4.0		
	142	95	10	9.84	3240	4.0		
	187	72	7.5	7.48	2950	4.2		
	29.8	452	30	30.24	5460	1.1	FKM90B	100B5/B14 100L6
	36	377	25	25.19	5130	1.3		100L6
	45	297	20	19.84	4740	1.3		
	60	226	15	15.09	4330	1.3		
	72	187	12.5	12.49	4060	2.6		
	91	147	10	9.84	3750	2.6		
	120	112	7.5	7.48	3420	2.7		
	18.3	722	150	153.33	7130	1.0	FKM110C	90B5 90S2
	21.6	609	125	129.48	6740	1.2		90S2
	27.0	488	100	103.64	6260	1.3		
	37	356	75	75.55	5630	1.5		
	44	302	60	64.18	5330	2.5		
	55	242	50	51.37	4950	2.7		
	47	285	60	59.22	5190	2.6	FKM110B	90B5 90S2
	57	235	50	48.86	4870	3.2		90S2
	68	198	40	41.26	4600	3.8		
	21.8	604	60	64.18	6720	1.2	FKM110C	90B5 90L4
	27.3	484	50	51.37	6240	1.3		90L4



Fanglun-drive

FKM..(KW)

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i Nominal	i Actual	F_{r2} [N]	f_s			
1.5	23.6	570	60	59.22	6540	1.3	FKM110B	90B5	90L4
	28.7	470	50	48.86	6130	1.6		90B5	90L4
	34	397	40	41.26	5800	1.9			
	46	295	30	30.67	5250	2.5			
	54	249	25	25.90	4960	3.0			
	68	199	20	20.73	4610	3.3			
	93	145	15	15.11	4150	3.6			
	15.2	886	60	59.22	7580	0.8	FKM110B	100B5/B14	100L6
	18.4	731	50	48.86	7110	1.0		100B5/B14	100L6
	21.8	617	40	41.26	6720	1.2			
	29.3	459	30	30.67	6090	1.6			
	35	388	25	25.90	5750	1.9			
	43	310	20	20.73	5340	2.1			
	60	226	15	15.11	4810	2.3			
	70	192	12.5	12.84	4550	3.9			
	88	154	10	10.27	4220	4.2			
	120	112	7.5	7.49	3800	4.6			
2.2	225	88	12.5	12.47	1400	1.5	FKM50B	90B5/B14	90L2
	267	74	10	10.47	1320	1.4			
	362	55	7.5	7.73	1200	1.5			
	92	214	30	30.31	2160	0.9	FKM63B	90B5/B14	90L2
	115	172	25	24.44	2010	1.0		90B5/B14	90L2
	138	143	20	20.25	1890	1.1			
	191	103	15	14.67	1690	1.1			
	221	89	12.5	12.67	1610	2.0			
	267	74	10	10.50	1510	2.0			
	368	54	7.5	7.60	1360	2.1			
	58	340	50	48.18	3440	1.0	FKM75B	90B5/B14	90L2
	70	283	40	40.13	3240	1.1		90B5/B14	90L2
	93	213	30	30.24	2950	1.6			
	111	178	25	25.19	2770	1.7			
	141	140	20	19.84	2560	1.7			
	186	106	15	15.09	2340	1.9			
	224	88	12.5	12.49	2190	3.4			
	285	69	10	9.84	2030	3.5			
	374	53	7.5	7.48	1850	3.8			
	56	355	25	25.19	3500	0.8	FKM75B	100B5/B14	100LA4
	71	280	20	19.84	3230	0.9		100B5/B14	100LA4
	93	213	15	15.09	2950	0.9			
	112	176	12.5	12.49	2770	1.7			
	142	139	10	9.84	2550	1.7			
	187	106	7.5	7.48	2330	1.9			
	72	274	12.5	12.49	3210	1.1	FKM75B	112B5/B14	112M6
	91	216	10	9.84	2960	1.1		112B5/B14	112M6
	120	164	7.5	7.48	2700	1.2			
	45	431	60	62.43	4760	1.1	FKM90C	90B5/B14	90L2
	57	340	50	49.18	4390	1.1		90B5/B14	90L2
	47	416	60	59.04	4670	1.2	FKM90B	90B5/B14	90L2
	58	340	50	48.18	4360	1.5		90B5/B14	90L2
	70	283	40	40.13	4110	1.7			
	93	213	30	30.24	3740	2.3			
	111	178	25	25.19	3520	2.7			
	141	140	20	19.84	3250	2.7			
	186	106	15	15.09	2960	2.8			
	35	566	40	40.13	5170	0.8	FKM90B	100B5/B14	100LA4
	46	427	30	30.24	4710	1.2		100B5/B14	100LA4
	56	355	25	25.19	4430	1.4			
	71	280	20	19.84	4090	1.4			



P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i Nominal	i Actual	F_{r2} [N]	f_s			
2.2	93	213	15	15.09	3730	1.4	FKM90B	100B5/B14	100LA4
	112	176	12.5	12.49	3510	2.7		100B5/B14	100LA4
	142	139	10	9.84	3240	2.7			
	187	106	7.5	7.48	2950	2.8			
	36	553	25	25.19	5130	0.9	FKM90B	112B5/B14	112M6
	45	435	20	19.84	4740	0.9		112B5/B14	112M6
	60	331	15	15.09	4330	0.9			
	72	274	12.5	12.49	4060	1.8			
	91	216	10	9.84	3750	1.8			
	120	164	7.5	7.48	3420	1.8			
	27.0	715	100	103.64	6260	0.9	FKM110C	90B5	90L2
	37	522	75	75.55	5630	1.0		90B5	90L2
	44	443	60	64.18	5330	1.7			
	55	355	50	51.37	4950	1.8			
	47	418	60	59.22	5190	1.8	FKM110B	90B5	90L2
	57	345	50	48.86	4870	2.2		90B5	90L2
	68	291	40	41.26	4600	2.6			
	91	216	30	30.67	4170	3.5			
	108	183	25	25.90	3940	4.1			
	23.6	835	60	59.22	6540	0.9	FKM110B	100B5/B14	100LA4
	28.7	689	50	48.86	6130	1.1		100B5/B14	100LA4
	34	582	40	41.26	5800	1.3			
	46	433	30	30.67	5250	1.7			
	54	365	25	25.90	4960	2.1			
	68	292	20	20.73	4610	2.2			
	93	213	15	15.11	4150	2.4			
	109	181	12.5	12.84	3930	4.1			
	29.3	673	30	30.67	6090	1.1	FKM110B	112B5/B14	112M6
	35	568	25	25.90	5750	1.3		112B5/B14	112M6
	43	455	20	20.73	5340	1.4			
	60	332	15	15.11	4810	1.6			
	70	282	12.5	12.84	4550	2.7			
	88	225	10	10.27	4220	2.9			
	120	164	7.5	7.49	3800	3.2			
3.0	70	386	40	40.13	3240	0.8	FKM75B	100B5/B14	100L2
	93	291	30	30.24	2950	1.2		100B5/B14	100L2
	111	242	25	25.19	2770	1.2			
	141	191	20	19.84	2560	1.3			
	186	145	15	15.09	2340	1.4			
	224	120	12.5	12.49	2190	2.5			
	285	95	10	9.84	2030	2.5			
	374	72	7.5	7.48	1850	2.8			
	112	240	12.5	12.49	2770	1.2	FKM75B	100B5/B14	100LB4
	142	189	10	9.84	2550	1.3		100B5/B14	100LB4
	187	144	7.5	7.48	2330	1.4			
	47	568	60	59.04	4670	0.9	FKM90B	100B5/B14	100L2
	58	463	50	48.18	4360	1.1		100B5/B14	100L2
	70	386	40	40.13	4110	1.2			
	93	291	30	30.24	3740	1.7			
	111	242	25	25.19	3520	2.0			
	141	191	20	19.84	3250	2.0			
	186	145	15	15.09	2960	2.1			
	224	120	12.5	12.49	2780	4.0			
	285	95	10	9.84	2570	4.0	FKM90B	100B5/B14	100LB4
	374	72	7.5	7.48	2340	4.2		100B5/B14	100LB4
	46	582	30	30.24	4710	0.9			
	56	485	25	25.19	4430	1.0			
	71	382	20	19.84	4090	1.0			
	93	290	15	15.09	3730	1.0			



Fanglun-drive

FKM..(KW)

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i Nominal	i Actual	F_{r2} [N]	f_s			
3.0	112	240	12.5	12.49	3510	2.0	FKM90B	100B5/B14	100LB4
	142	189	10	9.84	3240	2.0		100B5/B14	100LB4
	187	144	7.5	7.48	2950	2.1			
	44	604	60	64.18	5330	1.2	FKM110C	100B5/B14	100L2
	55	484	50	51.37	4950	1.3		100B5/B14	100L2
	47	570	60	59.22	5190	1.3		100B5/B14	100L2
	57	470	50	48.86	4870	1.6	FKM110B	100B5/B14	100L2
	68	397	40	41.26	4600	1.9		100B5/B14	100L2
	91	295	30	30.67	4170	2.5			
	108	249	25	25.90	3940	3.0			
	135	199	20	20.73	3660	3.3			
	185	145	15	15.11	3290	3.6			
	34	794	40	41.26	5800	0.9	FKM110B	100B5/B14	100LB4
	46	590	30	30.67	5250	1.3		100B5/B14	100LB4
	54	498	25	25.90	4960	1.5			
	68	399	20	20.73	4610	1.6			
	93	291	15	15.11	4150	1.8			
	109	247	12.5	12.84	3930	3.0			
	136	198	10	10.27	3650	3.3			
	187	144	7.5	7.49	3280	3.6			
	35	775	25	25.90	5750	1.0	FKM110B	132B5	132S6
	43	620	20	20.73	5340	1.0		132B5	132S6
	60	452	15	15.11	4810	1.2			
	70	384	12.5	12.84	4550	2.0			
	88	307	10	10.27	4220	2.1			
	120	224	7.5	7.49	3800	2.3			
4.0	93	388	30	30.24	2950	0.9	FKM75B	112B5/B14	112M2
	111	323	25	25.19	2770	0.9		112B5/B14	112M2
	141	254	20	19.84	2560	0.9			
	186	194	15	15.09	2340	1.0			
	224	160	12.5	12.49	2190	1.9			
	285	126	10	9.84	2030	1.9			
	374	96	7.5	7.48	1850	2.1			
	112	320	12.5	12.49	2770	0.9	FKM75B	112B5/B14	112M4
	142	252	10	9.84	2550	1.0		112B5/B14	112M4
	187	192	7.5	7.48	2330	1.0			
	70	515	40	40.13	4110	0.9	FKM90B	112B5/B14	112M2
	93	388	30	30.24	3740	1.3		112B5/B14	112M2
	111	323	25	25.19	3520	1.5			
	141	254	20	19.84	3250	1.5			
	186	194	15	15.09	2960	1.6			
	224	160	12.5	12.49	2780	3.0			
	285	126	10	9.84	2570	3.0			
	374	96	7.5	7.48	2340	3.1			
	112	320	12.5	12.49	3510	1.5	FKM90B	112B5/B14	112M4
	142	252	10	9.84	3240	1.5		112B5/B14	112M4
	187	192	7.5	7.48	2950	1.6			
	44	806	60	64.18	5330	0.9	FKM110C	112B5/B14	112M2
	55	645	50	51.37	4950	1.0		112B5/B14	112M2
	47	759	60	59.22	5190	1.0			
	57	627	50	48.86	4870	1.2	FKM110B	112B5/B14	112M2
	68	529	40	41.26	4600	1.4		112B5/B14	112M2
	91	393	30	30.67	4170	1.9			
	108	332	25	25.90	3940	2.3			
	135	266	20	20.73	3660	2.4			
	185	194	15	15.11	3290	2.7			
	46	787	30	30.67	5250	1.0	FKM110B	112B5/B14	112M4
	54	664	25	25.90	4960	1.1		112B5/B14	112M4
	68	532	20	20.73	4610	1.2			
	93	388	15	15.11	4150	1.3			
	109	329	12.5	12.84	3930	2.3			
	136	263	10	10.27	3650	2.5			
	187	192	7.5	7.49	3280	2.7			



FKM..(KW)

Fanglun-drive

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i Nominal	i Actual	F_{r2} [N]	f_s			
5.5	57	862	50	48.86	4870	0.9	FKM110B	132B5	132S12
	68	728	40	41.26	4600	1.0		132B5	132S12
	91	541	30	30.67	4170	1.4			
	108	457	25	25.90	3940	1.6			
	135	366	20	20.73	3660	1.8			
	185	266	15	15.11	3290	2.0			
	218	226	12.5	12.84	3120	3.3			
	273	181	10	10.27	2890	3.6			
	374	132	7.5	7.49	2600	3.9			
	68	731	20	20.73	4610	0.9	FKM110B	132B5	132S4
	93	533	15	15.11	4150	1.0		132B5	132S4
	109	453	12.5	12.84	3930	1.7			
	136	362	10	10.27	3650	1.8			
	187	264	7.5	7.49	3280	2.0			
7.5	91	737	30	30.67	4170	1.0	FKM110B	132B5	132S22
	108	623	25	25.90	3940	1.2		132B5	132S22
	135	498	20	20.73	3660	1.3			
	185	363	15	15.11	3290	1.4			
	218	309	12.5	12.84	3120	2.4			
	273	247	10	10.27	2890	2.6			
	374	180	7.5	7.49	2600	2.9			
	109	617	12.5	12.84	3930	1.2	FKM110B	132B5	132M4
	136	494	10	10.27	3650	1.3		132B5	132M4
	187	360	7.5	7.49	3280	1.4			



6.3 FKM..HS Performance Parameter

$n_1=1400\text{r/min}$

$M_2 \text{ max}$ [Nm]	n_2 [r/min]	i Nominal	i Actual	P_{1n} [kW]	Fr_2 [N]	Fr_1 [N]	
130	4.8	300	291.79	0.07	4100	400	FKM50C..HS
130	5.7	250	244.29	0.08	4100	400	
130	7.0	200	200.44	0.10	4100	400	
130	9.5	150	146.67	0.14	4000	400	
130	11.6	125	120.34	0.17	3770	400	
100	13.9	100	101.04	0.16	3560	400	
80	18.8	75	74.62	0.17	3220	400	
130	22.5	60	62.36	0.33	3030	400	
100	27	50	52.36	0.30	2860	400	
130	24	60	58.36	0.35	2960	400	FKM50B..HS
130	29	50	48.86	0.41	2790	400	
130	35	40	40.09	0.51	2610	400	
130	48	30	29.33	0.69	2350	400	
130	58	25	24.07	0.84	2200	400	
100	69	20	20.21	0.77	2080	400	
80	94	15	14.92	0.84	1880	400	
130	112	12.5	12.47	1.6	1770	400	
100	134	10	10.47	1.5	1670	400	
80	181	7.5	7.73	1.6	1510	400	
200	4.6	300	302.50	0.11	4800	400	FKM63C..HS
200	5.7	250	243.57	0.13	4800	400	
180	7.1	200	196.43	0.15	4800	400	
200	9.2	150	151.56	0.21	4650	400	
180	11.5	125	122.22	0.23	4330	400	
150	13.8	100	101.27	0.24	4070	400	
110	19.1	75	73.33	0.24	3650	400	
180	22	60	63.33	0.45	3480	400	
150	27	50	52.48	0.46	3270	400	
200	23	60	60.50	0.52	3430	530	FKM63B..HS
200	29	50	48.71	0.64	3190	530	
180	36	40	39.29	0.71	2970	530	
200	46	30	30.31	1.0	2720	530	
180	57	25	24.44	1.1	2530	530	
150	69	20	20.25	1.2	2380	530	
110	95	15	14.67	1.2	2130	530	
180	110	12.5	12.67	2.2	2030	530	
150	133	10	10.50	2.2	1910	530	
110	184	7.5	7.60	2.3	1710	530	
350	4.7	300	297.21	0.19	6500	560	FKM75C..HS
350	5.8	250	240.89	0.23	6500	560	
300	7.0	200	200.66	0.24	6500	560	
350	9.3	150	151.20	0.37	6500	560	
300	11.1	125	125.95	0.38	5980	560	
240	14.1	100	99.22	0.39	5520	560	
200	18.6	75	75.45	0.42	5040	560	
300	22	60	62.43	0.77	4730	560	
240	28	50	49.18	0.78	4370	560	
350	24	60	59.44	0.92	4660	860	FKM75B..HS
350	29	50	48.18	1.1	4340	860	
300	35	40	40.13	1.2	4080	860	
350	46	30	30.24	1.8	3720	860	
300	56	25	25.19	1.9	3500	860	



$n_1=1400\text{r/min}$

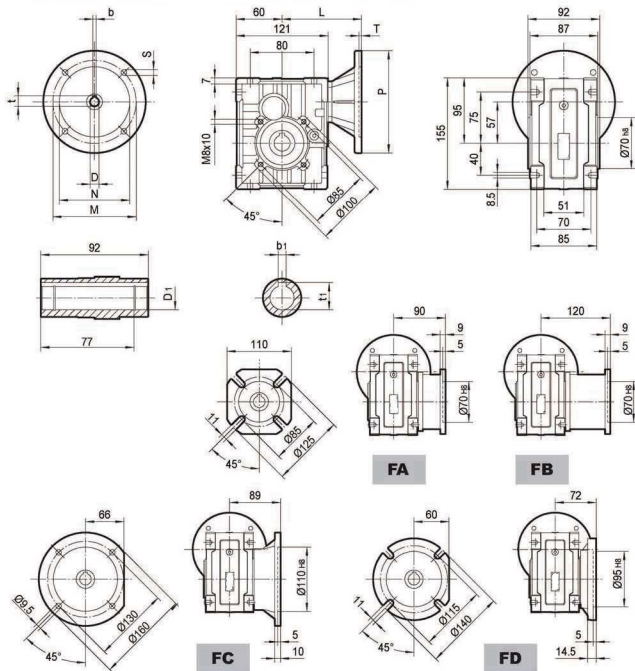
$M_{2\text{ max}}$ [Nm]	n_2 [r/min]	i Nominal	i Actual	P_{1n} [kW]	F_{r2} [N]	F_{r1} [N]	
240	71	20	19.84	1.9	3230	860	FKM75B..HS
200	93	15	15.09	2.1	2950	860	
300	112	12.5	12.49	3.7	2770	860	
240	142	10	9.84	3.8	2550	860	
200	187	7.5	7.48	4.2	2330	860	
500	4.7	300	295.18	0.27	8300	560	FKM90C..HS
500	5.8	250	240.89	0.33	8300	560	
480	7.0	200	200.66	0.38	8300	560	
500	9.3	150	151.20	0.53	8050	560	
480	11.1	125	125.95	0.61	7580	560	
380	14.1	100	99.22	0.61	7000	560	
300	18.6	75	75.45	0.63	6390	560	
480	22	60	62.43	1.2	6000	560	
380	28	50	49.18	1.2	5540	560	FKM90B..HS
500	24	60	59.04	1.3	5890	1260	
500	29	50	48.18	1.6	5500	1260	
480	35	40	40.13	1.9	5170	1260	
500	46	30	30.24	2.6	4710	1260	
480	56	25	25.19	3.0	4430	1260	
380	71	20	19.84	3.0	4090	1260	
300	93	15	15.09	3.1	3730	1260	
480	112	12.5	12.49	6.0	3510	1260	
380	142	10	9.84	6.0	3240	1260	
300	187	7.5	7.48	6.3	2950	1260	FKM110C..HS
750	4.7	300	296.10	0.40	10000	740	
750	5.7	250	244.29	0.49	10000	740	
750	6.8	200	206.29	0.58	9920	740	
750	9.1	150	153.33	0.78	8980	740	
750	10.8	125	129.48	0.92	8490	740	
650	13.5	100	103.64	1.0	7880	740	
520	18.5	75	75.55	1.1	7090	740	
750	22	60	64.18	1.9	6720	740	
650	27	50	51.37	2.0	6240	740	FKM110B..HS
750	24	60	59.22	2.0	6540	1490	
750	29	50	48.86	2.4	6130	1490	
750	34	40	41.26	2.8	5800	1490	
750	46	30	30.67	3.8	5250	1490	
750	54	25	25.90	4.5	4960	1490	
650	68	20	20.73	4.9	4610	1490	
520	93	15	15.11	5.4	4150	1490	
750	109	12.5	12.84	9.1	3930	1490	
650	136	10	10.27	9.9	3650	1490	
520	187	7.5	7.49	10.8	3280	1490	



7. OUTLINE DIMENSION SHEET

7.1 FKM... Outline Dimension

FKM50B



IEC	DE8	b	t	P	M	N	S	T	L	D1 H8	b1	t1
63B5	11	4	12.8	140	115	95	9	4	106	20*	6*	22.8*
71B5	14	5	16.3	160	130	110	9	4	113	24*	8*	27.3*
71B14	14	5	16.3	105	85	70	7	4	113	25	8	28.3
80B5	19	6	21.8	200	165	130	11	4	133	* Only on request		
80B14	19	6	21.8	120	100	80	7	4	133			
90B5	24	8	27.3	200	165	130	11	4	133			
90B14	24	8	27.3	140	115	95	9	4	133			

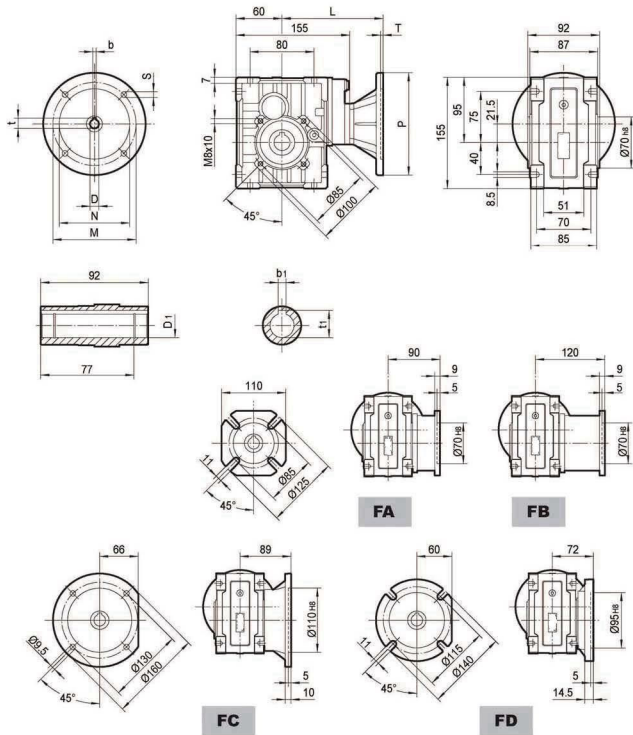
Weight without motor
≈ 4.2 kg



FKM

Fanglun-drive

KFM50C



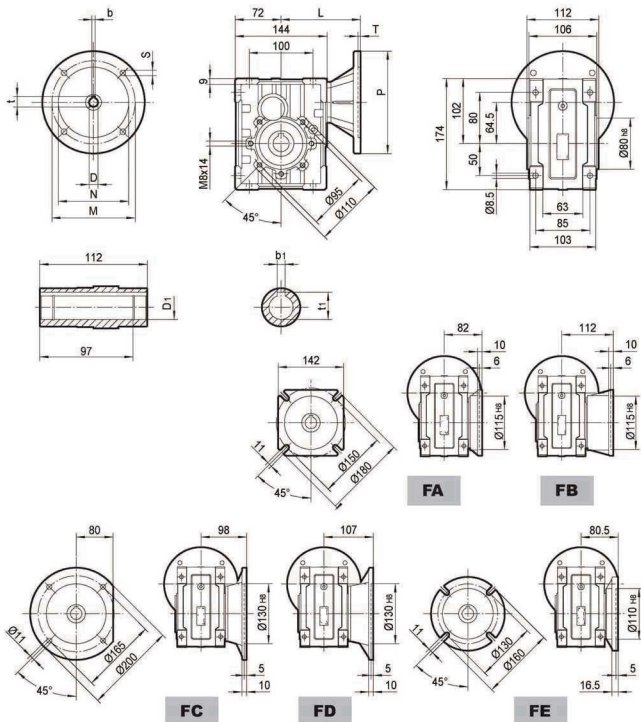
IEC	DEs	b	t	P	M	N	S	T	L	D1 H8	b1	t1
63B5	11	4	12.8	140	115	95	9	4	140	20 *	6 *	22.8 *
71B5	14	5	16.3	160	130	110	9	4	147	24 *	8 *	27.3 *
71B14	14	5	16.3	105	85	70	7	4	147	25	8	28.3

* Only on request

Weight without motor
≈ 5 kg



FKM63B



IEC	D _{ES}	b	t	P	M	N	S	T	L	D ₁ H8	b ₁	t ₁
63B5	11	4	12.8	140	115	95	9	4	117	25	8	28.3
71B5	14	5	16.3	160	130	110	9	4	124	28*	8	31.3
71B14	14	5	16.3	105	85	70	7	4	124	30*	8	33.3
80B5	19	6	21.8	200	165	130	11	4	144	* Only on request		
80B14	19	6	21.8	120	100	80	7	4	144			
90B5	24	8	27.3	200	165	130	11	4	144			
90B14	24	8	27.3	140	115	95	9	4	144			

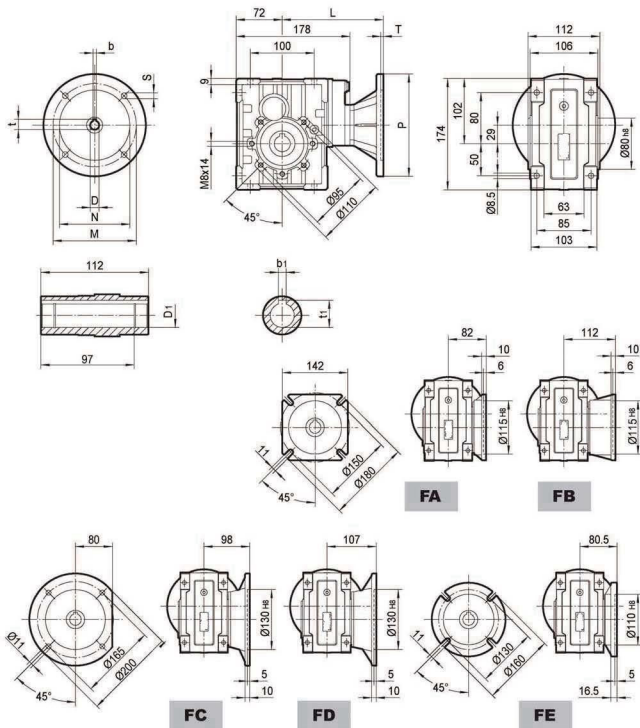
Weight without motor
≈ 6.0 kg



FKM

Fanglun-drive

FKM63C

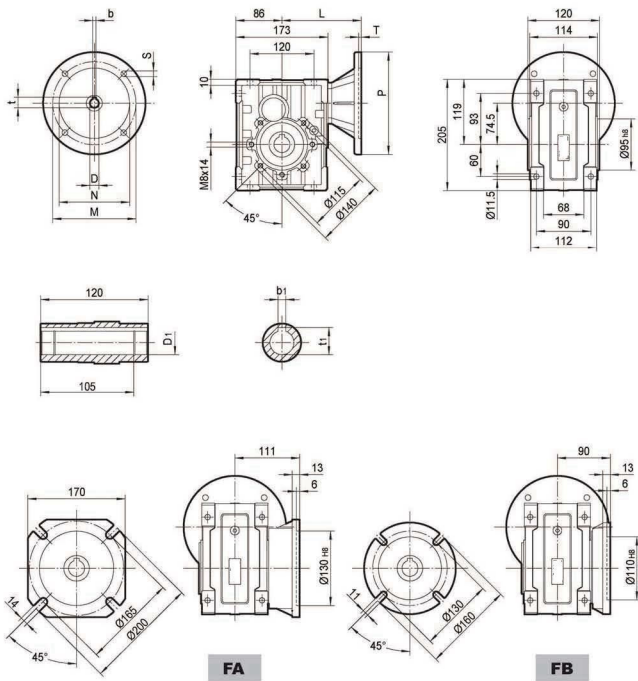


IEC	D _{E8}	b	t	P	M	N	S	T	L	D ₁ H8	b ₁	t ₁
63B5	11	4	12.8	140	115	95	9	4	151	25	8	28.3
71B5	14	5	16.3	160	130	110	9	4	158	28*	8	31.3
71B14	14	5	16.3	105	85	70	7	4	158	30*	8	33.3
80B5	19	6	21.8	200	165	130	11	4	178	* Only on request		
80B14	19	6	21.8	120	100	80	7	4	178			

Weight without motor
≈ 6.8 kg



FKM75B



IEC	D _{E8}	b	t	P	M	N	S	T	L	D ₁ H ₈	b ₁	t ₁
71B5	14	5	16.3	160	130	110	9	4	146	28	8	31.3
80B5	19	6	21.8	200	165	130	11	4	166	30*	8*	33.3*
80B14	19	6	21.8	120	100	80	7	4	166	35*	10*	38.3*
90B5	24	8	27.3	200	165	130	11	4	166	* Only on request		
90B14	24	8	27.3	140	115	95	9	4	166			
100/112B5	28	8	31.3	250	215	180	13.5	4.5	176			
100/112B14	28	8	31.3	160	130	110	9	4.5	176			

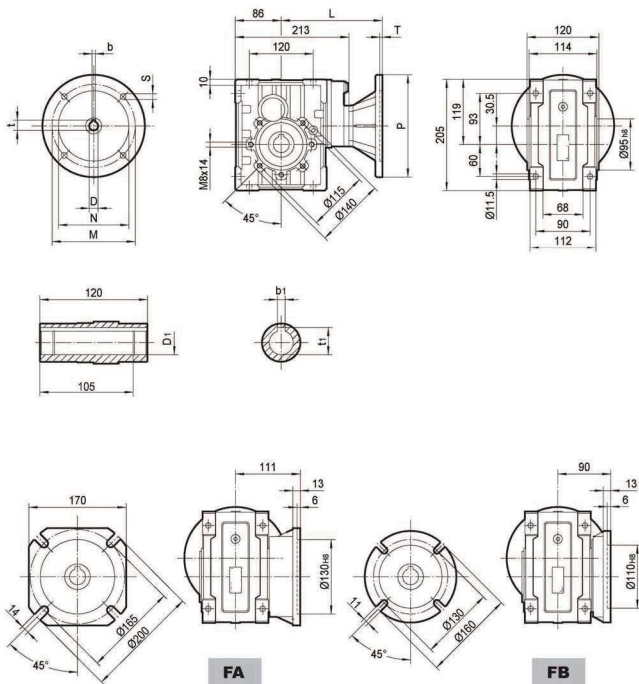
Weight without motor
≈ 9.2 kg



FKM

Fanglun-drive

FKM75C



IEC	D _{E8}	b	t	P	M	N	S	T	L	D _{1 H8}	b ₁	t ₁
63B5	11	4	12.8	140	115	95	9	4	179	28	8	31.3
71B5	14	5	16.3	160	130	110	9	4	186	30*	8*	33.3*
80B5	19	6	21.8	200	165	130	11	4	206	35*	10*	38.3*
80B14	19	6	21.8	120	100	80	7	4	206	* Only on request		
90B5	24	8	27.3	200	165	130	11	4	206			
90B14	24	8	27.3	140	115	95	9	4	206			

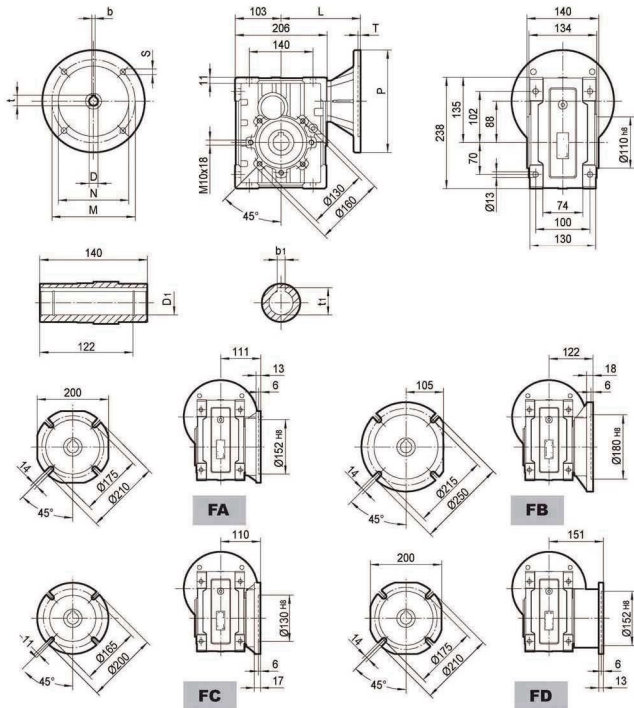
Weight without motor
≈ 10.8 kg



Fanglun-drive

FKM

FKM90B

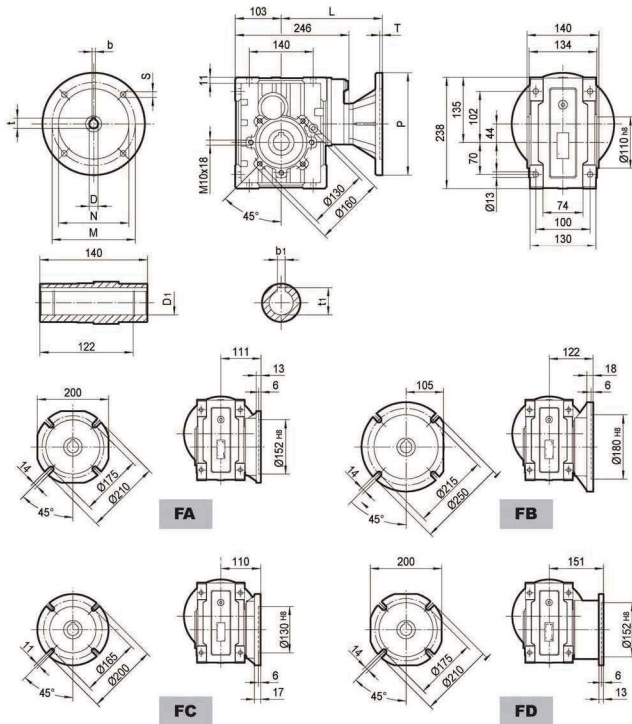


IEC	D _{E8}	b	t	P	M	N	S	T	L	D ₁ H8	b ₁	t ₁
71B5	14	5	16.3	160	130	110	9	4	162	35	10	38.3
80B5	19	6	21.8	200	165	130	11	4	182	38*	10*	41.3*
80B14	19	6	21.8	120	100	80	7	4	182	40*	10*	43.3*
90B5	24	8	27.3	200	165	130	11	4	182	* Only on request		
90B14	24	8	27.3	140	115	95	9	4	182			
100/112B5	28	8	31.3	250	215	180	13.5	4.5	192			
100/112B14	28	8	31.3	160	130	110	9	4.5	192			

Weight without motor
≈ 13.3 kg



FKM90C



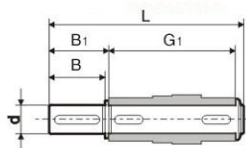
IEC	D _{E8}	b	t	P	M	N	S	T	L	D ₁ H8	b ₁	t ₁
63B5	11	4	12.8	140	115	95	9	4	195	35	10	38.3
71B5	14	5	16.3	160	130	110	9	4	202	38*	10*	41.3*
80B5	19	6	21.8	200	165	130	11	4	222	40*	10*	43.3*
80B14	19	6	21.8	120	100	80	7	4	222	* Only on request		
90B5	24	8	27.3	200	165	130	11	4	222			
90B14	24	8	27.3	140	115	95	9	4	222			

Weight without motor
≈ 14.8 kg



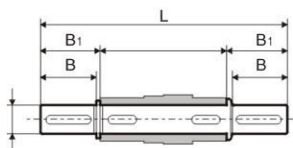
Dimension of spare parts

Single output shaft



SS

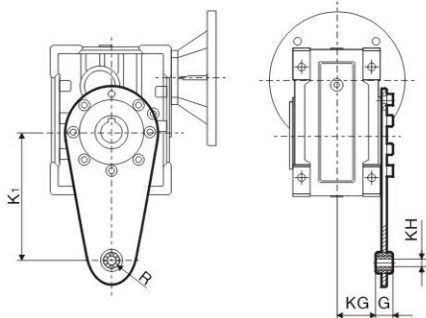
Double output shaft



DS

	dh6	B	B1	G1	L	L1	f	b1	t1
FKM50	25	50	53.5	92	153	199	M10	8	28
FKM63	25	50	53.5	112	173	219	M10	8	28
FKM75	28	60	63.5	120	192	247	M10	8	31
FKM90	35	80	84.5	140	234	309	M12	10	38

Torque arm



	K1	G	KG	KH	R
FKM50	100	14	38.5	10	18
FKM63	150	14	49	10	18
FKM75	200	25	47.5	20	30
FKM90	200	25	57.5	20	30



Mounting position

FKM mounting position chart

B3	B6	V5	V6
B8	B7		

FKM output flange mounting position chart

FA1,FB1,FC1,FD1,FE1	FA2,FB2,FC2,FD2,FE2

减速机和输出法兰的默认安装方位是B3和F..1

The default mounting position for gearbox and output flange are B3 and F..1

FKM single output shaft mounting position chart

SS1	SS2



Lubricant of FKM

Brand of lubricant

						润滑油性质 Lubricant character
FKM	标准 Standard -10	VG 220	Shell Omala 220	Mobilgear 630	BP Energol GR-XP 220	矿物油 Mineral oil
	-20	VG 150 VG 100	Shell Omala 100	Mobilgear 627	BP Energol GR-XP 100	
	-30	VG 68-46 VG 32	Shell Tellus T 32	Mobil D.T.E 13M		
	-40	VG 22 VG 15	Shell Tellus T 15	Mobil D.T.E 11M	BP Energol HLP-HM 15	
	-40	VG 220	Shell Omala HD 220	Mobil SHC 630		合成油 Synthetic oil
	-40	VG 150		Mobil SHC 629		
	-40	VG 32		Mobil SHC 624		

8.2 润滑油加注量

规定的加注量为参考值。精确值的北华与级数和传动比有关。请您在加注润滑油时一定要注意油位螺栓所指示的精确油量。后期调整安装方式时，您必须根据改变后的安装方式相应调整加注润滑油剂。

下表中列出了不同安装方式（B3、B6、B7……）的减速器相应的标准参考润滑油注入量值。

8.2 Lubricant fill quantity

The specified fill quantities are recommended values. The precise values vary depending on number of stages and gear ratio. When filling, it is essential to check the oil capacity.

The following tables show guide values for lubricant fill quantities in relation to mounting position (B3, B6, B7……)

FKM oil quantity

减速机型号 Model	加注量 Fill quantity in liters 单位:升 (L)					
	B3	B6	B7	B8	V5	V6
FKM50B	0.22	0.2*	0.13*	0.15	0.25	0.14
FKM50C	0.07	0.04	0.04	0.05	0.08	0.09
FKM63B	0.42	0.35*	0.24*	0.22	0.46	0.25
FKM63C	0.07	0.04	0.04	0.05	0.08	0.09
FKM75B	0.70	0.58*	0.42*	0.42	0.75	0.45
FKM75C	0.13	0.09	0.09	0.09	0.15	0.17
FKM90B	1.21	0.95*	0.72*	0.67	1.3	0.74
FKM90C	0.13	0.09	0.09	0.09	0.15	0.17



Maintenance

1: 减速器工作累计300个小时后建议更换润滑油。
请勿将合成油和矿物油混合使用。

2: 至少每半年一次检查油和油位，必要时更换输入端的橡胶套。

3: 根据不同的工作条件（如下图），最长每三年检测一次，并且更换矿物油和轴承的润滑油脂。

4: 根据不同的工作条件而定，更换输出轴上的油封

5: 产品出现故障时，请不要自行拆卸，请第一时间联系我们。

1: Change the oil after 300 hours running is necessary. Please do not mix the synthetic oil with mineral oil.

2: Check the oil and oil level at least every 6 months, and change the rubber sleeve if necessary.

3: Check the oil and oil level maximal every 3 years according to different working conditions (shown as below chart), and change the oil and lubricant on bearing if necessary.

4: Depending on the operating conditions, change the bearing grease.

5: Please do not disassemble the gearbox by yourself when it broken down, please contact us firstly.

