

FUJIGLOBAL KOREA Elevator Products



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FJK CONTROL CABINET WITH LEADING SMART TECHNOLOGY

- Remote technical support through APP.
- · Remote monitoring through the IoT.
- Communication encoder supported.
- Balance coeffcient auto-tuning.
- Noise reduction design < 50dBA.

Model Description: FJK 8.3 V02 - 4K

(1,

(2)

(3) (4)

(1)	Model
	FJK: STO Version

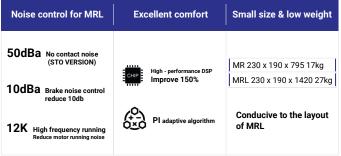
(2)	Power (kw)
	8.3
	17
	22
	37

(3)	Voltage input
	4: Three - phase 380V

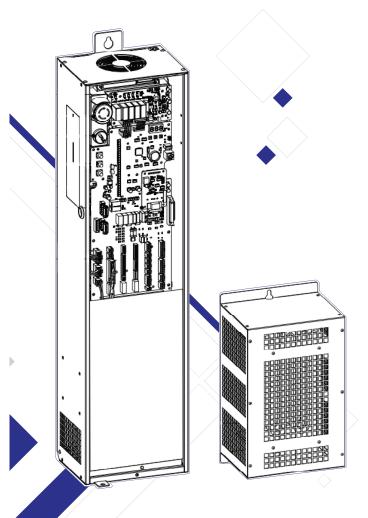
(4) **Origin and language**K: Korea/English



SOLUTION HIGHLIGHTS



Parameters Setting Free	Reduce fault rate	Specialist remote guidance
Motor tuning No need motor tuning in factory (work with communication encoder)	Cabinet Maintenance - free	
Function One - click debugging	> STO version maintenance - free	Support APP remote guidance
Floor number learning automatically Door limit state learning automatically PI adaptive control, Balance testing, Dynamic holding brake force testing.	> PESSRAL solution UCMP board long life cycle	> Reduce travel expenses









High voltage!

High temperature!

Do not touch!

FGKP CONTROL CABINET

Being equipped with the FK series Elevator Core System (FECS) to combine logic control with the VVVF driver. It achieves efficiency by integration and intensive sharing of resources

- 1. Application Scope: Simplex, duplex and group control for 3-8 elevators (with a group control board).
- 2. Speed Range: 0.5 4m/s
- 3. Applicable Elevators: Passenger elevators, freight elevators, bed elevators, residential elevators, panoramic elevators.
- 4. Maximum Stops: 64 Stop

It is applicable to gearde traction machines and gearless permanent magnet machines.

Cabinet Dimension: 560 X 240 X 1200mm



Model Description:

FGKP	<u>5.5</u>	<u>V02</u>	<u>-</u>	<u>4K</u>
(1)	(2)			(3) (4)

(1)	Model
	FGKP: Standard Version
(2)	Power (kw)
	5.5
	7.5
	11
	15
	18.5
	22

(3)	Voltage input
	4: Three - phase 380V
(4)	Origin and language

FJK2-B02

PM Traction Machine

Parameter of Traction Machine

Voltage: AC380V

Roping: 2:1Wrap: Single

• Capacity: 450kg~2500kg

• Speed: 1.0m/s~2.5m/s

• Protection Grade: IP41

• Ins. Class: F

• Traction machine pole: 30

• Stars per hour: 240

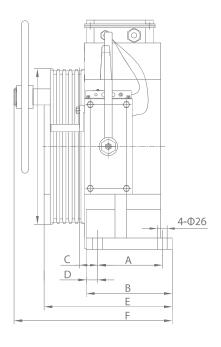
• Rating: \$5-40%

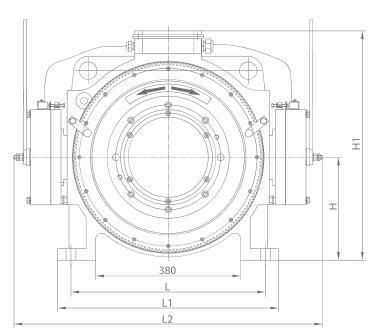


Features

- Optimized mechanical structure design, high shaft load, high operating safety factor.
- High efficiency, high torque density design and optimized pole slot coordination.
- Machine run smoothly, with low noise & small vibration.
- This series covers wide range of elevator speed & capacity.
- Use block type armless brake, it has fast response time & high reiability.

Dimension







FJK2-B02 Light Duty Version (Height: ≤80m)

MODI	L CAPACITY	SPEED (M/S)	SHEAVE (MM)	NUM	ROPES (MM)	PITCH (MM)	CURRENT (A)	OI LLD	FREQUENCY (HZ)	POWER (KW)	TORQUE (NM)	SHAFT LOAD (KG)	WEIGHT (KG)					DIM	ENSIO	N (MM	1)			
	(NO)	(141/3)	(IVIIVI)		(WIW)	(IVIIVI)	(A)	(RPM)	(112)	(KH)	(IVIVI)	()	()	Α	В	O	D	Е	F	Н	H1	L	L1	L2
		1					7.2	109	27.3	3.1														
LIV2 F	450	1.5	ф 350	۱ ۵	Ф8	12	11	164	41	4.6	270	2500	≈300	140	105	47.5	20.5	328	390	270	605	510		000
FUKZ-E	FJK2-B02 450	1.6	T Ψ 350	4	Ψο	12	11.3	175	43.7	4.9	2/0	2500	≈300	140	195	47.5	29.5	320	390	2/0	000	310	200	800
		1.75	1		1	l	11.7	191	47.7	5.4	l	1			l l			1		- 1				

FJK2-B02 Standard Version (Height: ≤90m)

MODEL	CAPACITY (KG)	SPEED (M/S)	SHEAVE (MM)	NUM	ROPES (MM)	PITCH (MM)	CURRENT (A)	SPEED	FREQUENCY (HZ)	POWER (KW)	TORQUE (NM)	UE SHAFT LOAD (KG)	WEIGHT (KG)					DIN	IENSIC	N (MI	И)			
	(NO)	(141/3)	(IVIIVI)		(WIW)	(IVIIVI)	(A)	(RPM)	(112)	(KW)	(IMII)	()	(11)	Α	В	С	D	Е	F	Н	Н1	L	L1	L2
		1					10.2	96	24	4.6														
		1.5					16.4	144	36	6.9														
	630	1.6	ф 400	4	ф 10	16	16.8	153	38.3	7.4	460	2500	≈300	140	195	47.5	29.5	337	398					
		1.75					17.6	168	42	8.1														
		2					20	192	48	9.3														
		1					11.8	96	24	5.2														
		1.5					19.8	144	36	7.8														
	1.	1.6	ф 400	5	ф 10	16	20.2	153	38.3	8.3	520													
		1.75					20.5	168	42	9.1														
FJK2-B02		2					22.7	192	48	10.5		!	≈330							270	605	510	580	800
15112 502		1					13.6	96	24	6.1	605									2,0	000	0.0	***	000
		1.5					24.8	144	36	10														
	1000	1.6	ф 400	5	ф 10	16	25.3	153	38.3	10.7	665	3500		170	225	47.5	29.5	367	428					
		1.75					26	168	42	11.7	-													
		2					29.6	192	48	13.4		!												
		11					17	96	24	7.7														
		1.5					28.1	144	36	11.5							l							
	1150	1.6	ф 400	6	ф 10	16	28.5	153	38.3	12.3	765		≈350											
		1.75					29.3	168	42	13.4							l							
		2					32.7	192	48	15.4														\perp

FJK2-B02 Heavy Duty Version (Height: ≤120m)

MODEL	CAPACITY	SPEED	SHEAVE	NUM	ROPES	PITCH	CURRENT	MOTOR SPEED	FREQUENCY	POWER	TORQUE	SHAFT LOAD	WEIGHT					DIM	IENSIC	N (MI	1)			
MODEL	(KG)	(M/S)	(MM)		(MM)	(MM)	(A)	(RPM)	(HZ)	(KW)	(NM)	(KG)	(KG)	Α	В	С	D	Е	F	Н	H1	L	L1	L2
		1					18	96	24	8.2														
	1275	1.5	φ 400	7	10	16	28.2	144	36	12.4	820													
	12/5	1.6 1.75	φ 400	'	10	16	28.7 31.3	153 168	38.3 42	13.1 14.4	820													
		2					36.5	192	48	16.5														
		1					18	80	19.9	8.2		i												
		1.5					28.2	119	29.8	12.2														
	1275	1.6	φ 480	7	10	16	28.7	127	31.8	13	980													
		1.75 2	,				31.3 36.5	139 159	34.8 39.8	14.3 16.3														
		2.5					43.8	199	49.7	20.4														
		1					19.5	96	24	8.8		1												
		1.5					30.7	144	36	13.3														
	1350	1.6	φ 400	7	10	16	31.2	153	38.3	14.1	880													
		1.75					33.7	168	42	15.4														
		1					39.3 19.5	192 80	48 19.9	17.6 8.8		5500	≈450	170	235	47.5	29.5	398	490	270	605	510	580	800
		1.5					30.7	119	29.8	13.1														
	4050	1.6	400	7	40	40	31.2	127	31.8	14.1	4055													
	1350	1.75	φ 480	′	10	16	33.7	139	34.8	15.4	1055													
		2					39.3	159	39.8	17.6														
		2.5					47.2	199	49.7	22														
		1.5					22.9 36.7	96 144	24 36	10.4 15.7														
	1600	1.6	φ 400	7	10	16	37.3	153	38.3	16.6	1040													
		1.75	7				40.5	168	42	18.2														
		2					46	192	48	20.8														
FJK2-B02		1					20.3	80	19.9	9.6														
		1.5					36.5	119	29.8	14.3														
	1600	1.6 1.75	φ 480	7	10	16	36.8 37	127 139	31.8 34.8	15.3 16.7	1150													
		2					41.2	159	39.8	19.1														
		2.5					51.5	199	49.7	24														
		1					28.7	96	24	13.1														
		1.5					44.7	144	36	19.8														
	2000	1.6 1.75	φ 400	9	10	16	45.3 50.8	153 168	38.3 42	20.9	1310	6500	≈680	170	250	59	40	435	505					
		2					57.6	192	42	26.2														
		1					28.7	80	19.9	13.1					\vdash	\vdash								
		1.5					44.7	119	29.8	19.8														
	2000	1.6	φ 480	7	12	18	45.3	127	31.8	20.9	1570													
	2000	1.75	¥ 100				50.8	139	34.8	22.9	10.0													
		2.5					57.6 71.9	159 199	39.8 49.7	26.2 32.7										220	700	E60	630	945
		1					37.5	96	24	16.4		1								330	123	300	030	945
		1.5					59.4	144	36	24.6														
	2500	1.6	φ 400	9	10	16	60	153	38.3	26.2	1635	7500	≈750	170	275	59	40	460	530					
		1.75					65.6	168	42	28.8					l									
		2					75	192	48	32.9														
		1,5					36.6 57.5	80 119	19.9 29.8	16 23.8					l									
		1.6		_			58.2	127	31.8	25.4					l									
	2500	1.75	φ 480	7	12	18	63.3	139	34.8	27.8	1910				l									
		2					72.5	159	39.8	31.8														
		2.5					90.6	199	49.7	39.8														<u> </u>





FJK3-B02

Machine Roomless Version

Parameter of Traction Machine

Voltage: AC220V / AC380V

Roping: 2:1Wrap: Single

Capacity: 450kg~630kg
Speed: 1.0m/s~1.75m/s
Protection Grade: IP41

• Ins. Class: F

Traction machine pole: 20
Stars per hour: 240
Rating: \$5-40%

Parameter of Brake

Ins.Class: F

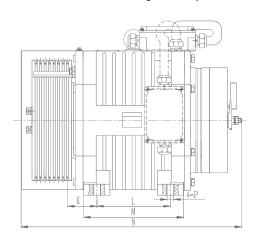
Voltage: DC110V

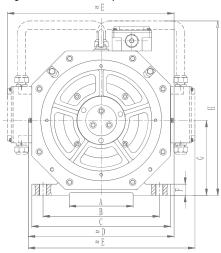
Current: 1.1- 1.98A



Features

- Special silent design for MMR or MRL.
- For some sites where the top level is insufficient and difficult to wite, a removable junction box is standard.
- Further improves heat dissipation.
- · High efficiency and high torque density design with high material utilization, small size and light weight.
- . The inner rotor structure improves electromagnetic structure, result smooth low speed running and high overload capacity.
- · Use shaft brake, with the advantage of compact structure, low braking noise and fast response time.





Remark: The machine junction box can be installed on the top or left or right side of the host, as shown in the above outline drawing

FJK3-B02 Machine Roomless Version (Height: ≤80m) | Voltage: AC220V

MODEL	CAPACITY (KG)	SPEED (M/S)	SHEAVE (MM)	NUM	ROPES (MM)	PITCH (MM)	CURRENT (A)	SPEED	FREQUENCY (HZ)	POWER (KW)	TORQUE (NM)	SHAFT LOAD (KG)	WEIGHT (KG)						DIME	NSION	(MM)					
	(NO)	(141/3)	(IVIIVI)		(IVIIVI)	(IVIIVI)	(\$)	(RPM)	(112)	(KW)	(IVIII)	(NO)	(RO)	Α	В	С	D	Е	F	G	Н	K	L	М	N	P
FJK3-B02	450	1	φ 320	4	φ8	12	11.5	119	19.8	3	240	2000	≈200	150	270	320	356	403	25	170	410	70	190	244	515	M20

FJK3-B02 Machine Roomless Version (Height: ≤80m) | Voltage: AC380V

MODEL	CAPACITY (KG)	SPEED (M/S)	SHEAVE (MM)	NUM	ROPES (MM)	PITCH (MM)	CURRENT (A)	SPEED	FREQUENCY (HZ)	POWER (KW)	TORQUE (NM)	SHAFT LOAD (KG)	WEIGHT (KG)						DIME	NSION	(MM)					
	(NO)	, ,	(WIWI)		(WIWI)	(IVIIVI)		(RPM)		, ,	(IVIII)	(RO)	(NO)	Α	В	С	D	Е	F	G	H	K	L	М	N	P
		0.5					3.9	80	13.3	1.5																
		1					7.8	159	26.5	3																
	450	1.5	φ 240	7	φ6	9	12.2	238	40	4.5	180															
		1.6					12.5	254	42.3	4.8																
		1.75					12.7	278	46.3	5.2		2000	≈200													
		0.5					10	60	10	1.5		2000	200													
		1					7.6	119	19.8	3																
	450	1.5 1.6	φ 320	4	φ8	12	12.2	178	29.7	4.5	240															
	1.6						12.5	190	31.7	4.8				150	270	320	356	403	25	170	410	70	100	244	E1E	M20
		1.75					12.7	208	34.7	5.2				130	210	320	330	403	20	170	410	70	190	244	313	10120
FJK3-B02		1					10.4	159	26.5	4																
	630	1.5	φ 240	8	φ6	9	15.4	238	40	6	240															
	050	1.6	Ψ 240	U	Ψ	"	15.7	254	42.3	6.4	240															
		1,75					16.4	278	46.3	7		2000	≈200													
		1					9.6	119	19.8	4		2000	-200													
	630	1.5	φ 320	5	φ8	12	15.6	178	29.7	6	320															
	000	1.6	Ψ 520	3	Ψ σ	'2	16	190	31.7	6.4	320															
		1.75					16.5	208	34.7	7																
		1					12.7	119	19.8	5.4																
	800	1.5	φ 320	6	φ8	12	21.5	178	29.7	8	430	4000	≈300	170	210	370	200	115	20	200	465	70	196	266	E00	M20
	000	1.6	ψ 320	0	**	'2	21.8	190	31.7	8.6	430	+000	~500	'''	310	3/0	290	445	30	200	405	10	130	200	000	1020
1	1	1,75	1		l		22.5	208	34,7	9.4	l															





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