



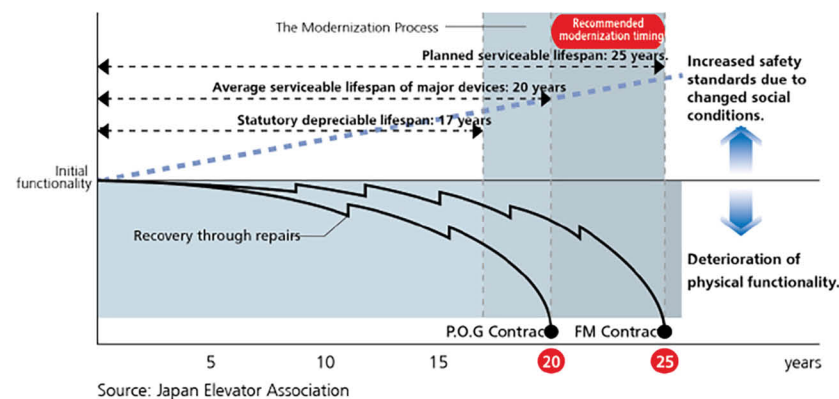
SPARE PARTS

FUJI TOYAMA LIFT



Giving Elevators New Life through Modernization

Modernizing a legacy elevator has benefits from both a safety and a cost perspective. We offer a range of modernization options tailor-made to the needs of each customer.



Elevator Lifespan

Elevators have a serviceable lifespan of around 20 to 25 years. Even with appropriate maintenance and replacement of parts, modernization works are unavoidable. Modernizing elevators operating on legacy control systems gives them new life and greater levels of comfort.



Improved Energy Efficient through Modernization

The latest propulsion and control devices are designed for maximum energy efficiency and use less electricity. Door systems and switches are also more efficient than ever. Converting to LED lighting is environmentally friendly, energy efficient and offers superior longevity. Reducing the need for replacing broken parts is not only important from an environmental perspective, but also reduces running costs.



Improved Asset Value

Elevators represent the public face of a building. Updating the interior design of an elevator, rather than merely replacing internal parts, can change the image of the entire building, raising its overall asset value. Besides improving its appearance, this provides a smoother ride as well as improving comfort by ensuring the floor of the cabin stops in perfect alignment with the floor on each level. Adding the latest door sensors provides users with a more secure experience when doors open and close, as well as providing for the welfare of those in wheelchairs. Improving efficiency leads to shorter operation times as well as shorter waiting periods, improving convenience for elevator users.



Improving Comfort and Safety

Modernizing your elevator makes for a much more comfortable ride. Not only does it make the cabin interior much more pleasant, but it also creates a smoother ride through reduced vibration and noise. This in turn reduces the frequency of breakdowns for a secure riding experience. Moreover, adding the latest functionality and options offers users a safer.

Spare Parts Catalog

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1 TRACTION MACHINE

TRACTION MACHINE

Controller System

Door System

Guide Rail

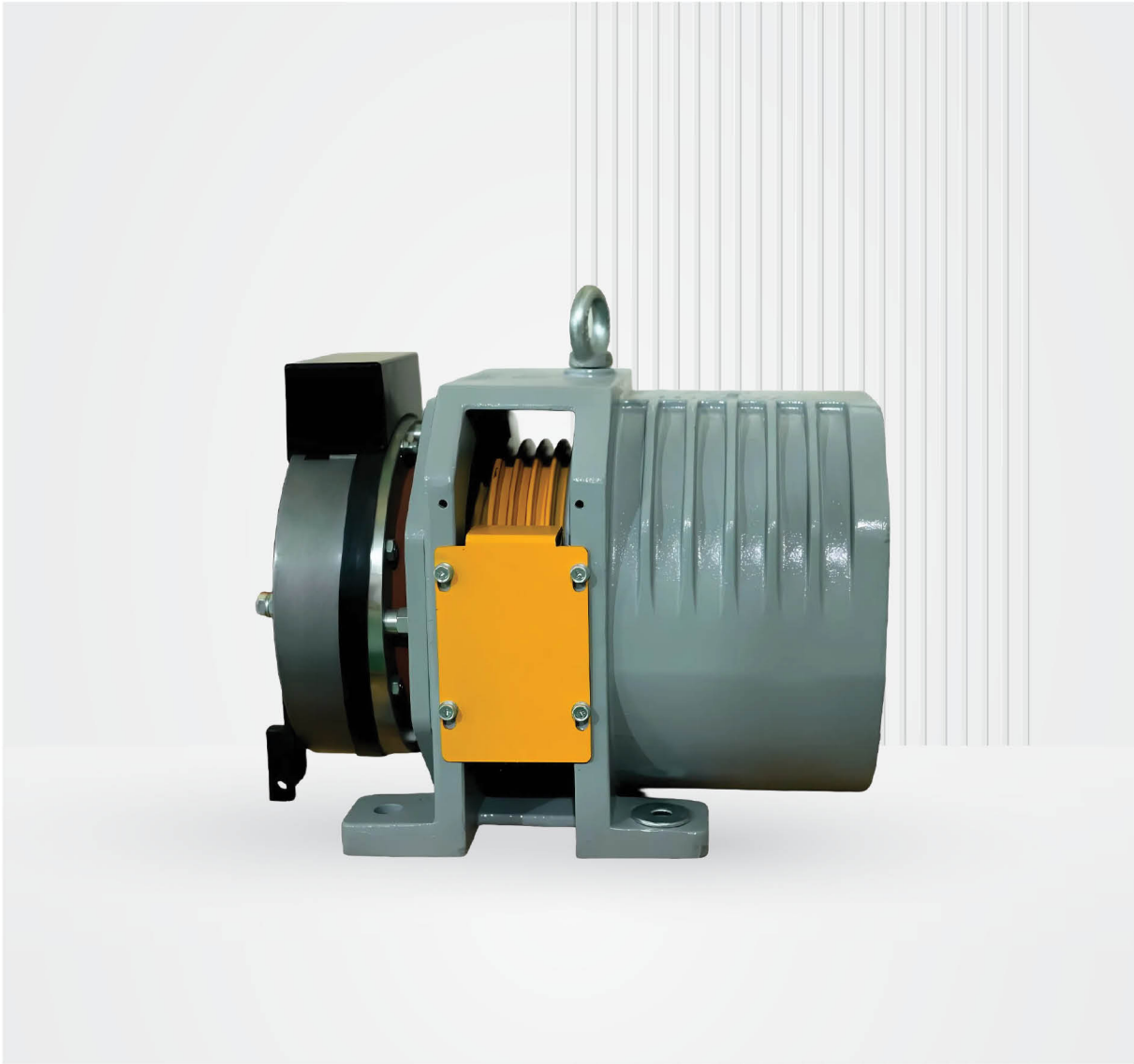
Wire Rope

Safety Components



FJT-YM01A

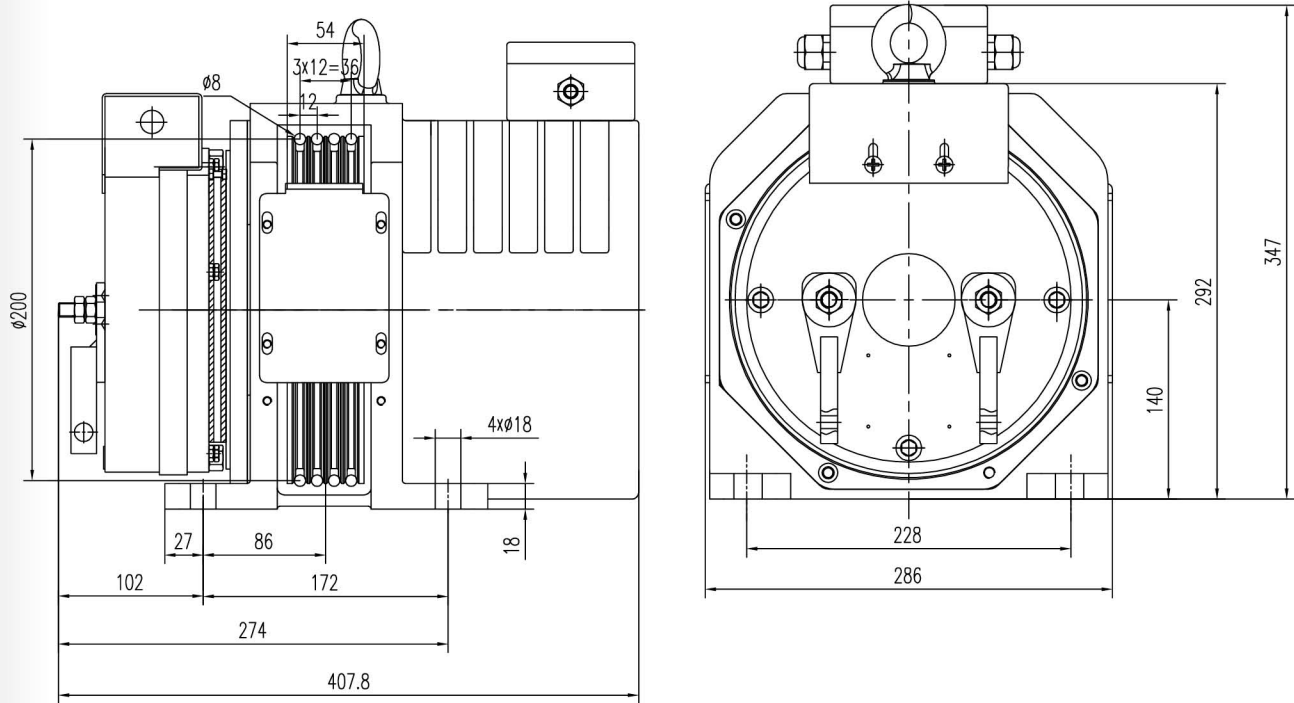
Traction Machine 450kg



Type description

Machine Type	Max. Able Load	Poles	Starts per Hour	Insulation Class	Enclosure Class	Rating
↓	↓	↓	↓	↓	↓	↓
FJT-YM01A	1500kg	16	120	F	IP40	S5 - 25%

External drawing

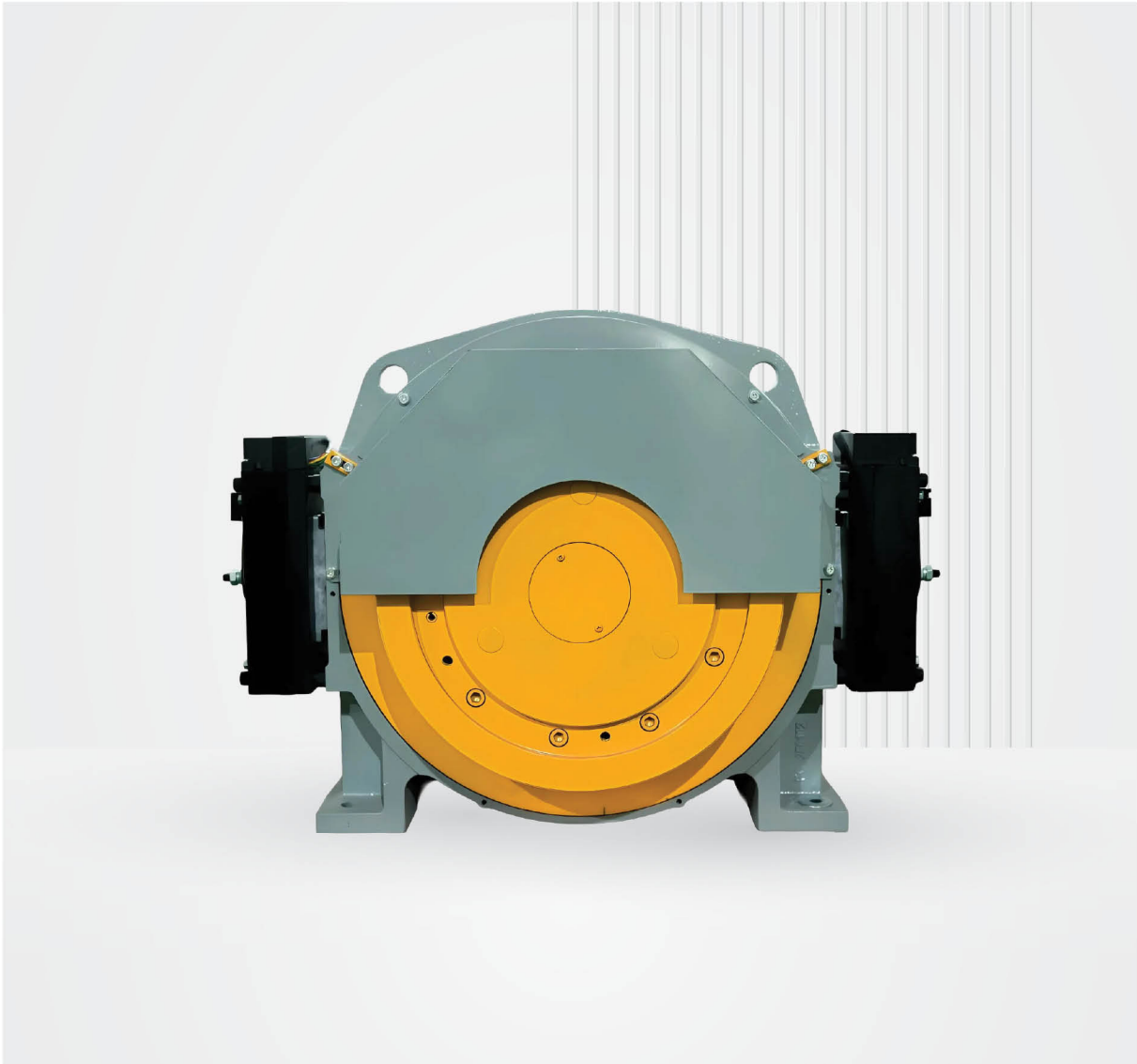


Spec. sheet

Load (kg)	Speed (m/s)	Roping	Motor Parameter						Brake Parameter				Sheave Parameter				
			Rated power (kw)	Rated Torque (N.m)	Rated Speed (RPM)	Rated Frequency (Hz)	Rated Current (A)		Current (A)	Voltage (V)	Rated power (W)	Braking Torque (N.m)	nxd (mm)	Diameter (mm)	Pitch (mm)	β	γ
							380V	220V									
450	1	2:1	3	150	191	25.5	9	17.1	1.78	DC110	196	≥450	4xΦ8	200	12	95	30

FJT-YM01

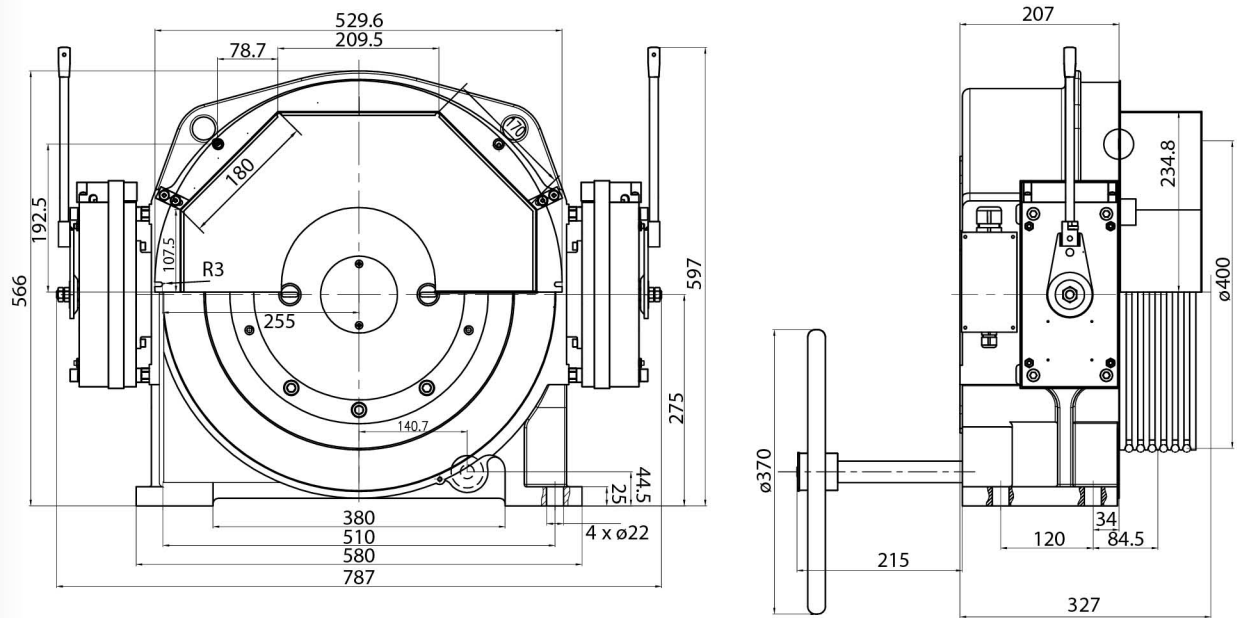
Traction Machine 630kg-1000kg



Type description

Machine Type	Max. Able Load	Poles	Starts per Hour	Insulation Class	Enclosure Class	Rating
↓	↓	↓	↓	↓	↓	↓
FJT-YM01	3000kg	32	240	F	IP40	S5 - 40%

External drawing

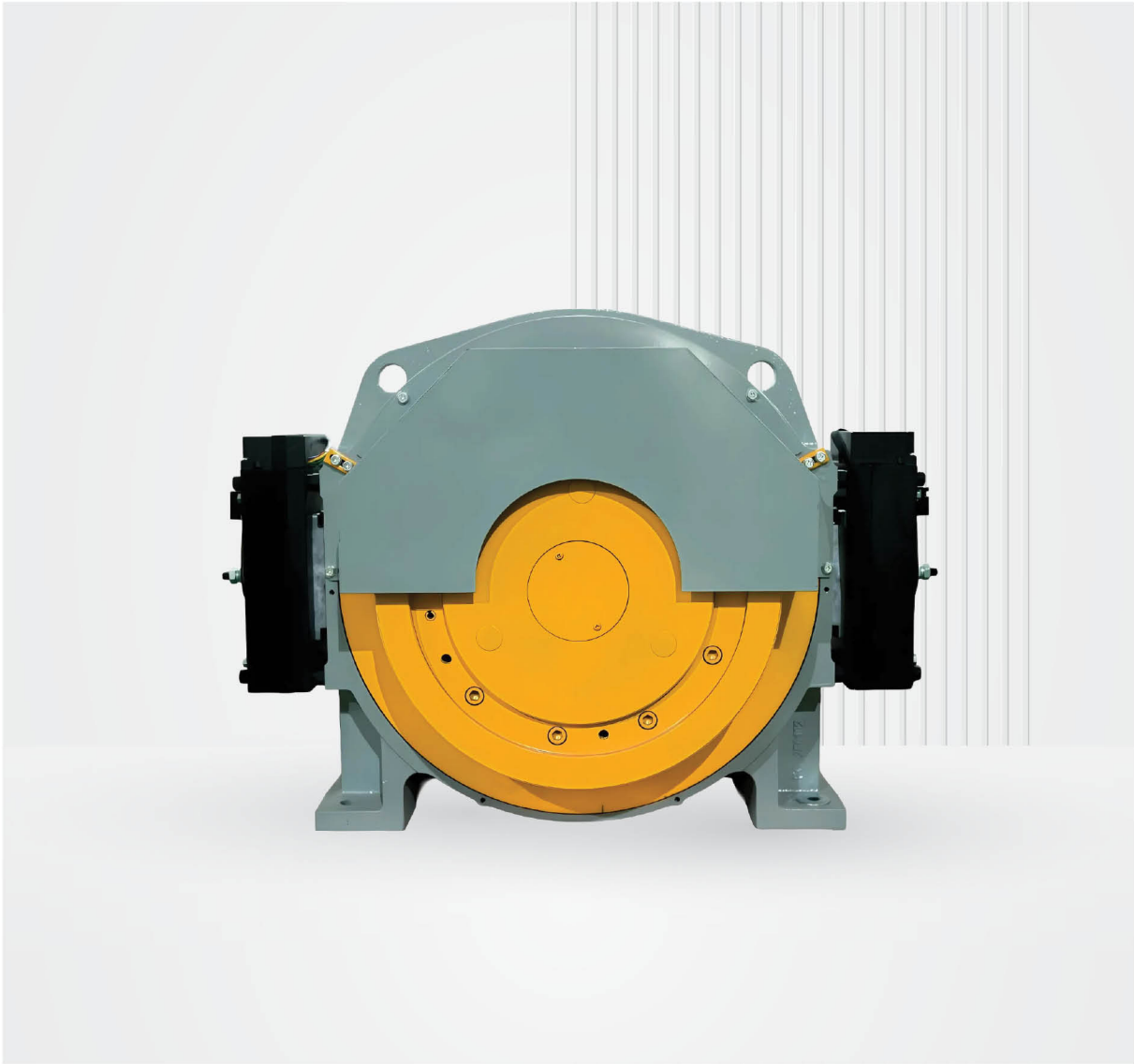


Spec. sheet

Load (kg)	Speed (m/s)	Roping	Motor Parameter					Brake Parameter				Sheave Parameter				
			Rated power (kw)	Rated Torque (N.m)	Rated Speed (RPM)	Rated Frequency (Hz)	Rated Current (A)	Current (A)	Voltage (V)	Rated power (W)	Braking Torque (N.m)	nxd (mm)	Diameter (mm)	Pilch (mm)	β	γ
630	1	2:1	4.2	400	96	25.6	9.6	2x1.15	DC110	2x129	≥2x710	5xΦ8	400	12	95	30
	1.5		6		144	38.4	14.5									
	1.75		7		168	44.8	15.8									
800	1	2:1	5	510	96	25.6	12	2x1.15	DC110	2x129	≥2x710	5xΦ10	400	16	95	30
	1.5		7.8		144	38.4	18.5									
	1.75		9		168	44.8	21									
	2		10.2		189	50.4	25									
1000	1	2:1	6.4	640	96	25.6	15	2x1.15	DC110	2x129	≥2x850	5xΦ10	400	16	95	30
	1.5		9		144	38.4	22									
	1.75		11		168	44.8	26									
	2		13.5		189	50.4	31.5									

FJT-YM01

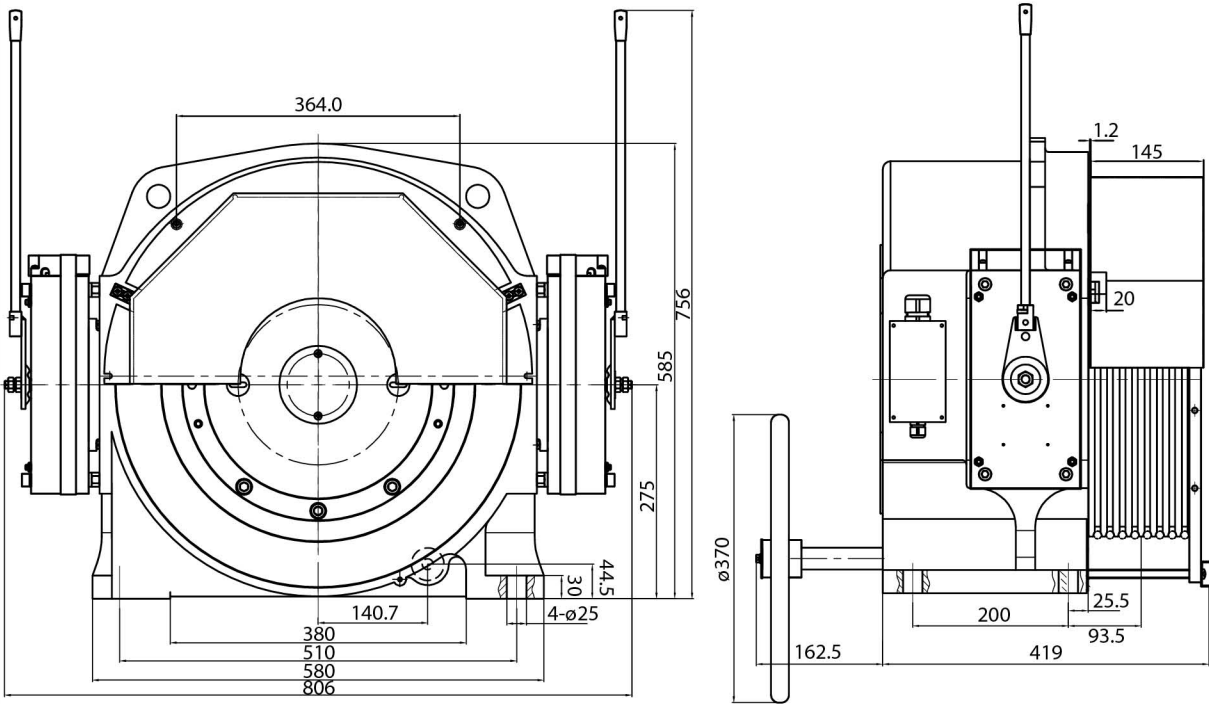
Traction Machine 1350kg-2000kg



Type description

Machine Type	Max. Able Load	Poles	Starts per Hour	Insulation Class	Enclosure Class	Rating
↓	↓	↓	↓	↓	↓	↓
FJT-YM01	6000kg	32	240	F	IP40	S5 - 40%

External drawing



Spec. sheet

Load (kg)	Speed (m/s)	Roping	Motor Parameter					Brake Parameter				Sheave Parameter				
			Rated power (kw)	Rated Torque (N.m)	Rated Speed (RPM)	Rated Frequency (Hz)	Rated Current (A)	Current (A)	Voltage (V)	Rated power (W)	Braking Torque (N.m)	nxd (mm)	Diameter (mm)	Pitch (mm)	β	γ
1350	1	2:1	9	857	96	25.6	19.4	2x1.64	DC110	2x180	≥2x1071	7xΦ10	400	16	95	30
	1.5		13		144	38.4	29.7					8xΦ10				
	1.75		15		168	44.8	33.5									
	2		17		192	51.2	38.9									
	2.5		21.5		240	64	49.7									
	3		26		288	76.8	59.7									
1600	1	2:1	10	1050	96	25.6	24	2x1.64	DC110	2x180	≥2x1312	8xΦ10	400	16	95	30
	1.5		15.2		144	38.4	36									
	1.75		18		168	44.8	40									
	2		21		192	51.2	47									
	2.5		26		240	64	59									
	3		31		288	76.8	64									
1750	1	2:1	11	1148	96	25.6	26.2	2x1.64	DC110	2x180	≥2x1435	8xΦ10	400	16	95	30
	1.5		16.6		144	38.4	39.3									
	1.75		19.7		168	44.8	43.8									
	2		23		192	51.2	51.4									
	2.5		28.4		240	64	64.5									
	3		34		288	76.8	70									
2000	1	2:1	12.7	1270	96	25.6	29.5	2x1.64	DC110	2x180	≥2x1588	9xΦ10	400	16	95	30
	1.5		19		144	38.4	43									
	1.75		22.2		168	44.8	50.5									
	2		25.5		192	51.2	58									



2 CONTROLLER SYSTEM



FJT-YC8000

Controller Cabinet



High voltage!



High temperature!

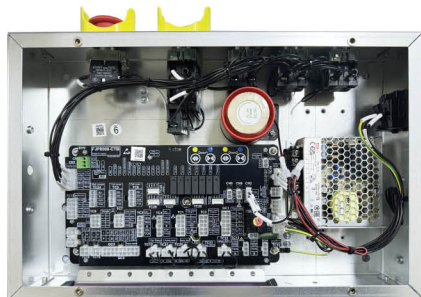


Do not touch!

Product Introduction

- Adopting FJT-YC8000 integrated controller
- Super anti-interference serial communication method, without the need for shielded wires for hall calls and car communication lines
- The terminal board is highly integrated and fully prefabricated cables to prevent incorrect plug insertion
- The cabinet body adopts baking paint, which is beautiful, spacious, and has good heat dissipation, suitable for high-power and high-temperature areas

Car top inspection box



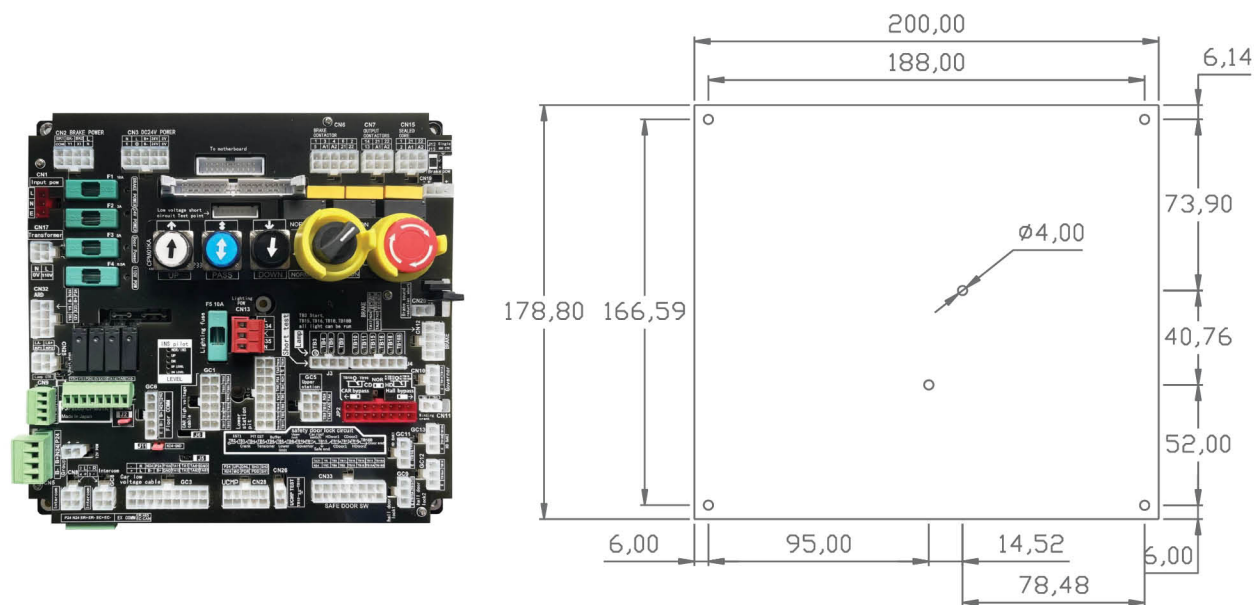
Technical parameter

- Suitable for business elevators, residential elevators, cargo elevators,etc
- Maximum speed: 4 m/s
- Input voltage: AC 220V/380V/510V
- Power range: 5.5KW-75KW
- Adapted motor: PM/IM
- Adaptive holding brake: current<5A, DC48V-220V continuously adjustable (TV unit)
- Adapted door operator: AC220V door operator system
- Maximum floors: 64
- Control mode: single elevator/group control (Max 8 Sets group control)
- Deceleration method: Distance control directly stops
- Size(mm): 550*400*160 (height, width, thickness)

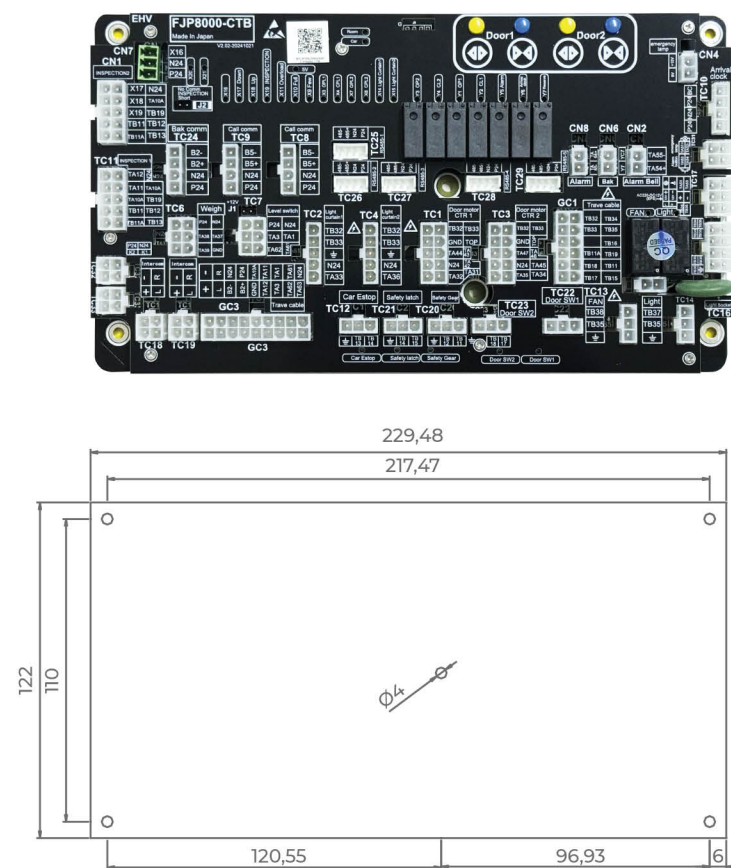
Selection Parameter Table

PROJECT		SPECIFICATIONS							
MODEL: FJT-YC8000		4005	4007	4011	4015	4018	4022	4030	4037
Maximum applicable motor capacity (kw)		5.5	7.5	11	15	18.5	22	30	37
OUTPUT	Rated output capacity (kVA)	11.3	13.7	18.3	24	30	34	48	57
	Rated Output Current (A)	14.8	18	24	31	39	45	60	75
	Overload tolerance	150% of rated output current for 60s							
	Carrier Frequency	6-16kHz (Can be changed through parameters)							
	Maximum output voltage (V)	three-phase 380-480V (Corresponding input voltage)							
	Maximum Output Frequency (Hz)	120Hz (Can be changed through parameters)							
INPUT	Input current (A)	15	20	29	39	43	44	58	71
	Power supply capacity (kVA)	14.6	19.2	28.4	37.5	39.3	46.6	53	64.9
	Rated voltage, Rated frequency	AC: three-phase 380-480V 50/60Hz							
	Allow voltage fluctuations	-15-10%							
	Allow frequency fluctuations	±5%							

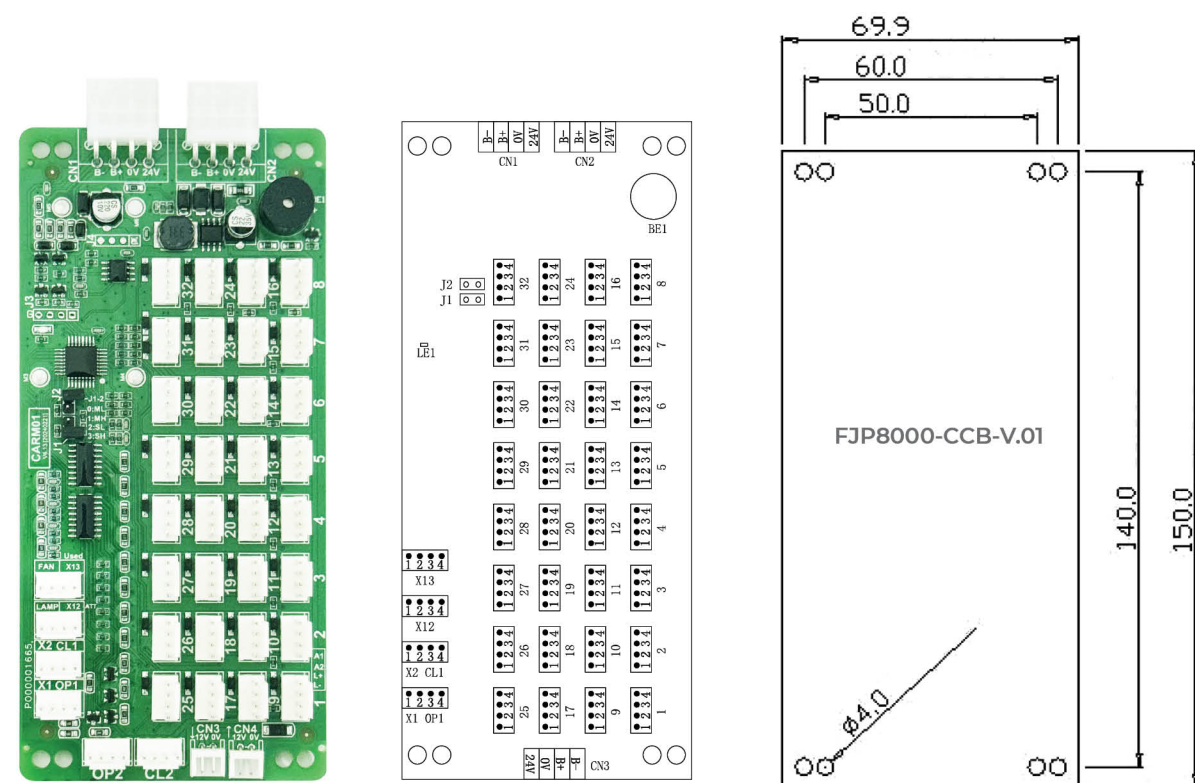
INTERFACE BOARD CPM01K



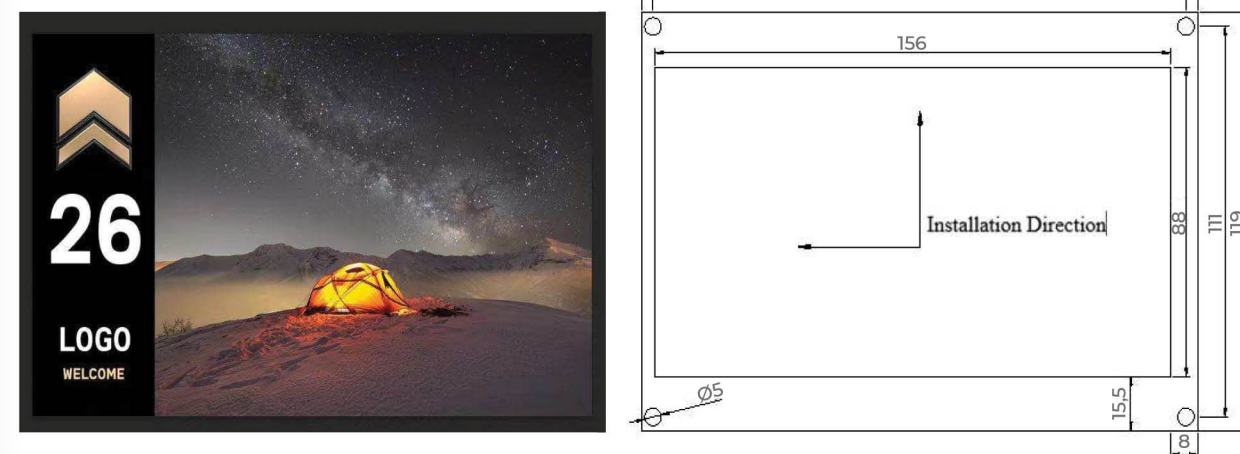
CAR TOP BOARD FJP8000-CTB



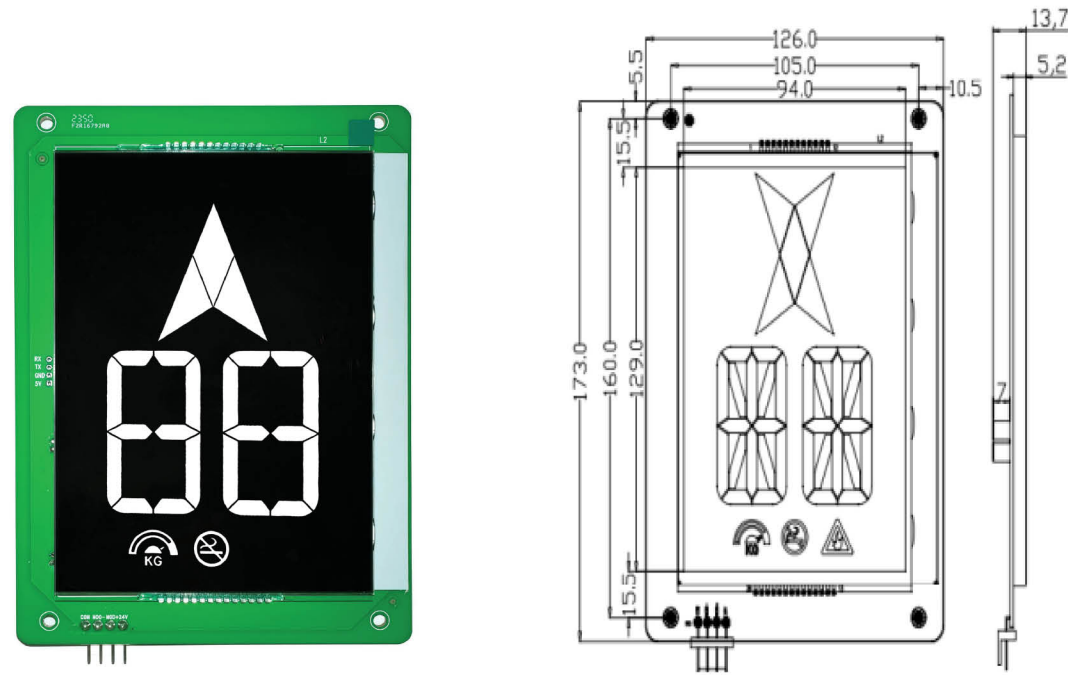
CAR CONTROLLER BOARD FJP8000-CCB



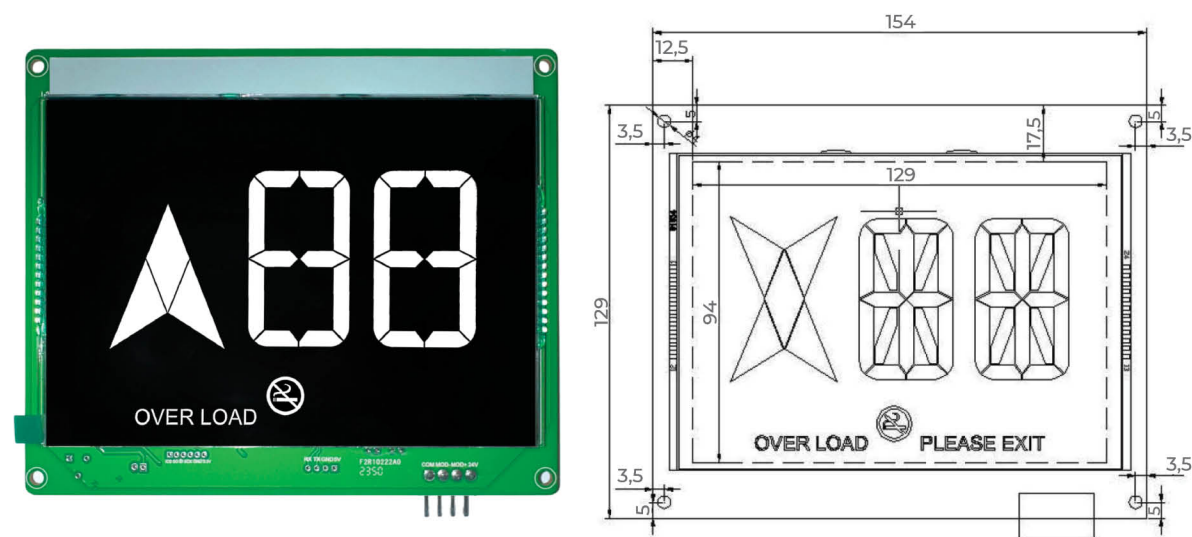
DISPLAY BOARD FJP8000-TFT7.0



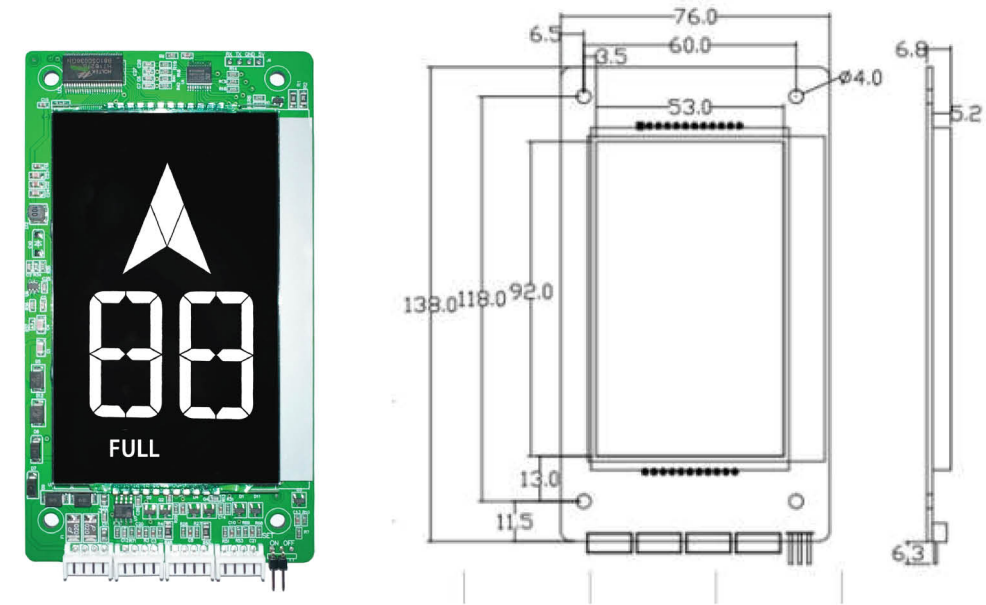
DISPLAY BOARD FJP8000-LCD6.4V



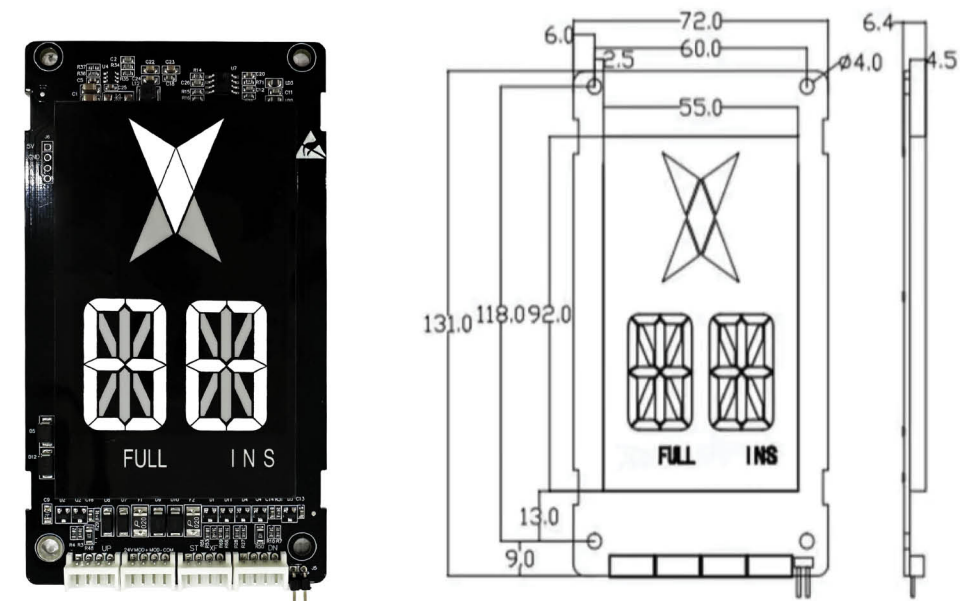
DISPLAY BOARD FJP8000-LCD6.4H



DISPLAY BOARD FJP8000-HCB-U1



DISPLAY BOARD FJP8000-HCB-D5



LOP



White



Gold

5 WIRE ROPE



Characteristics:

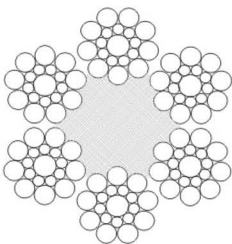
- With natural fiber core – sisal (NFC), or synthetic fiber core (SFC), or independent wire rope core (IWRC)
- Preformed, bright, right hand, regular lay



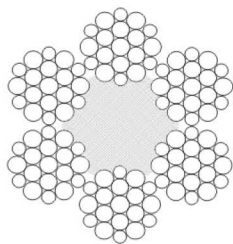
Application:

- Natural fiber core (NFC): Suspension ropes for low-speed, low-rise, low duty elevators
- Synthetic fiber core (SFC): Governor ropes
- Steel Core / Mixed Core (IWRC / IWRF): Compensating ropes.

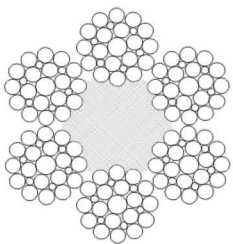
6 X 19 WIRE ROPES WITH FIBER CORE (FC)



6×19S+FC



6×19W+FC

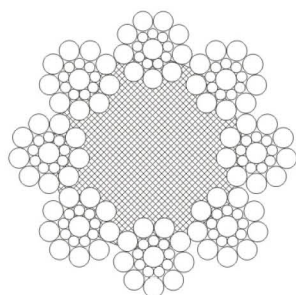


6×25Fi+FC

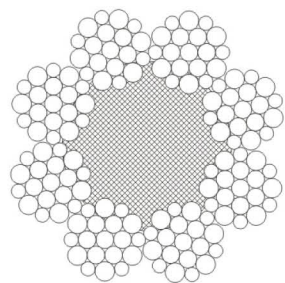
Nominal rope diameter	Approx. weight	Minimum breaking load						
		Dual tensile, MPa				Single tensile, MPa		
		1180/1770	1320/1620	1370/1770	1570/1770	1570	1620	1770
mm	kg/100m	kN	kN	kN	kN	kN	kN	kN
6	12.9	16.3	16.8	17.8	19.5	18.7	19.2	21.0
6.5	15.2	19.1	19.7	20.9	22.9	21.9	22.6	24.7
8	23.0	28.9	29.8	31.7	34.6	33.2	34.2	37.4
9	29.1	36.6	37.7	40.1	43.8	42.0	43.3	47.3
10	35.9	45.2	46.5	49.5	54.1	51.8	53.5	58.4
12	51.7	65.1	67.0	71.3	77.9	74.6	77.0	84.1
13	60.7	76.4	78.6	83.7	91.5	87.6	90.3	98.7
14	70.4	88.6	91.2	97.0	106	102	105	114
15	80.8	102	-	111	122	117	-	131
16	91.9	116	119	127	139	133	133	150

*** The Approx. weight is for reference, not used for trade

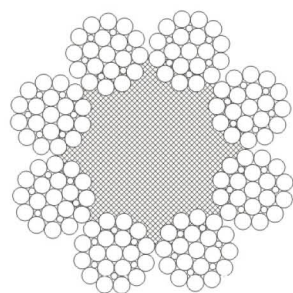
8 X 19 WIRE ROPES WITH FIBER CORE (FC)



8x19S+FC



8x19W+FC

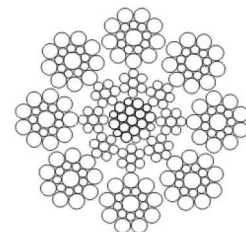


8x25Fi+FC

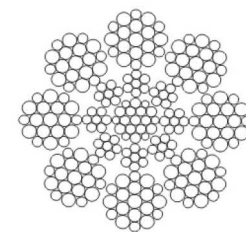
Nominal rope diameter	Approx. weight	Minimum breaking load					
		Dual tensile, MPa			Single tensile, MPa		
		1320/1770 1320/1620	1370/1770	1570/1770 1620/1770	1570	1620	1770
mm	kg/100m	kN	kN	kN	kN	kN	kN
8	21,8	26,5	28,1	30,8	29,4	30,4	33,2
9	27,5	33,5	35,6	38,9	37,3	38,4	42,0
10	34,0	41,3	44,0	48,1	46,0	47,5	51,9
12	49,0	59,5	63,3	69,2	66,2	68,4	74,7
13	57,5	69,8	74,3	81,2	77,7	80,2	87,6
14	66,6	81,0	86,1	94,2	90,2	93,0	102
15	76,5	93,0	98,9	108	104	107	117
16	87,0	106	113	123	118	122	133
18	110	134	142	156	149	154	168
20	136	165	176	192	184	190	207

*** The Approx. weight is for reference, not used for trade

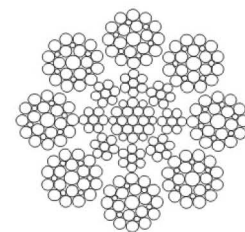
8 X 19 WIRE ROPES WITH STEEL CORE/ MIXED CORE (IWRC/IWRF)



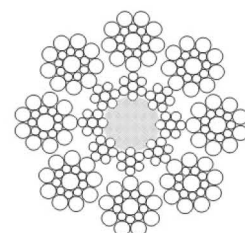
8x19S+IWRC



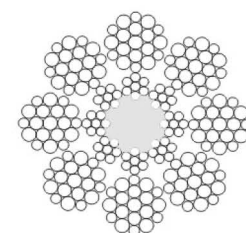
8x19W+IWRC



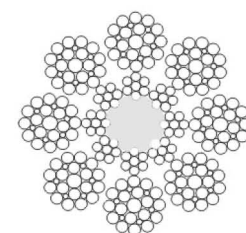
8x25Fi+IWRC



8x19S + IWRF



8x19W + IWRF



8x25Fi + IWRF

Nominal rope diameter	Approx. weight		Minimum breaking load											
			Dual tensile, MPa						Single tensile, MPa					
			1320/1770 1320/1620		1370/1770		1570/1770 1620/1770		1570		1620		1770	
	IWRC	IWRF	IWRC	IWRF	IWRC	IWRF	IWRC	IWRF	IWRC	IWRF	IWRC	IWRF	IWRC	IWRF
mm	kg/100m		kN		kN		kN		kN		kN		kN	
8	26,0	25,9	34,2	33,6	35,8	35,2	38,0	37,4	35,8	35,2	36,9	36,3	40,3	39,4
9	33,0	32,8	43,3	42,5	45,3	44,5	48,2	47,3	45,3	44,5	46,7	45,9	51,0	50,2
10	40,7	40,5	53,4	52,5	55,9	55,0	59,5	58,5	55,9	55,0	57,7	56,7	63,0	62,0
12	58,6	58,3	76,9	75,6	80,5	79,1	85,6	84,2	80,5	79,1	83,0	81,6	90,7	89,2
13	68,8	68,4	90,2	88,7	94,5	92,9	100	98,8	94,5	92,9	97,5	96,5	106	105
14	79,8	79,4	105	103	110	108	117	115	110	108	113	111	124	121
15	91,6	91,1	120	118	126	124	134	132	126	124	130	128	142	139
16	104	104	137	134	143	141	152	150	143	141	148	145	161	159
18	132	131	173	170	181	178	193	189	181	178	187	184	204	201
20	163	162	214	210	224	220	238	234	224	220	231	227	252	248

*** The Approx. weight is for reference, not used for trade



Fuji Toyama

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