





تزيينات كابين لوكس

**Cabin Decorations
Luxury**

تزيين كابين لوكس





LX-G01

- CEILING** CS- 08 (STS Ion Gold Hairline+LED)
- CAR DOOR** STS Ion Gold Hairline+ Laser MARKING (LM-T2)
- FRONT WALL** STS Ion Gold Hairline+Cl -13x+COP- 03N (STS Gold plate)
- SIDE WALL** STS Ion Gold Hairline+ Laser MARKING (LM-T2)
- REAR WALL** STS Ion Gold Hairline+ Laser MARKING (LM-T2)
- HANDRAIL** HR-01 (STS Gold Polishing Pipe)
- FLOOR** Marble (by Local)



The printcolor can be differnt front the axtual object



LX-G02

- CEILING** Option Type (STS Ion Bronze Mirror + AcrylicPrinting+LED+LED Halogen)
- CAR DOOR** STS Ion Bronze 3S Vibration
- FRONT WALL** STS Ion Bronze 3S Vibration+CL-SW+COP-03N (STS Bronze Plate)
- SIDE WALL** STS Ion Bronze Mirror +Marble+wood+LED Light
- REAR wall** STS Ion Bronze Mirror+Marble+Wood+LED Light
- HANDRAIL** HR-01 (STS Bronze Poishing Pipe)
- FLOOR** Marble (by Local)



The printcolor can be differnt front the axtual object





تزئينات كابين پريميوم

**Cabin Decorations
Premium**

تزيين كابينه پريميوم



GP-G05

- CAR DOOR** Silver Hairland SUS +LED
- FRONTWALL** Silver Hairland SUS
- SIDE WALL** Stamped Silver Hairline SUS+Gold mirror sus
- REAR WALL** Stamped Silver Hairline SUS+Gold mirror sus+White Mirror
- HANDRAIL** Silver Hairline Flat Hand Rail
- FLOOR** Black Granit



The printcolor can be differnt front the actual object



GP-G06

- CEILING** Option Type STS Inco Black Mirror+LED (LED Halogen+Steel Painted (white))
- CAR DOOR** STS Inco Black Hairline+Laser Marking (Pattern)
- FRONT WALL** STS Inco Black Hairline+ Cl+SB+COP-02+D(STS TiBlack Hairline)
- SIDE WALL** Wood+STS Gold Trim +STS Mirror
- REAR WALL** Wood+STS Gold Trim +STS Mirror
- HANDRAIL** HR01-(STS ion Gold Polishing Pipe)
- FLOOR** Marble (by local)



The printcolor can be differnt front the actual object



GP-G07

- CEILING** Non Standard (STS3S Vibration+Acrylic)
- CAR DOOR** STS 3S Vibration
- FRONT WALL** STS Mirror+CL-SB+COP02-D+STS3S Vibration (Transom)
- SIDE WALL** STS Mirror+STS3S Vibration Mirror Etching+Marble
- REAR WALL** STS Mirror+STS3S Vibration Mirror Etching+Marble
- HANDRAIL** Non Standard (Wood+LED light)
- FLOOR** Marble (by Local)



The printcolor can be differnt front the actual object



GP-G08

- CEILING** Silver Hairline SUS+LED
- CAR DOOR** Silver Hairline SUS
- FRONT WALL** Silver Hairline SUS
- SIDE WALL** Silver Hairline SUS+Colored Mirror
- REAR WALL** Silver Hairline SUS+White Mirror
- HANDRAIL** Black Hairline Round Hand Rail on 3Walls
- FLOOR** Royal Blue Granite



The printcolor can be differnt front the actual object



GP-G01

- CEILING** CS-S3 - STS Mirror+LTD+Steel painted black
- CAR DOOR** STS Mirror
- FRONT WALL** STS Champagne gold hairline -CL+SW+COP02-D
(Champagne gold hair line)
- SIDE WALL** STS Champagne gold hairline+STS Mirror
- REAR WALL** STS Champagne gold hairline+Rigid metal
Logo Laser marketing + Wall LE
- HANDRAIL** HR-01 (STS gold hairline)
- FLOOR** Marble (by Local)



Rigid metal
(Champagne gold)

The printcolor can be differnt front the actual object



GP-G02

- CEILING** BLACK Hairland SUS +Silver Hairlane SUS +LTE
- CAR DOOR** Silver Hairline SUS+Laser Marking
- FRONT WALL** BLACK Hairland SUS
- SIDE WALL** Silver Hairline SUS+Black Hairland Cop
- REAR WALL** White mirror +Black Hairline cop
- HANDRAIL** Black Hairline Flat Rall
- FLOOR** Black marble



The printcolor can be differnt front the actual object



GP-G03

- CEILING** Silver Hairland SUS+Blackmirror SUS+light line
- CAR DOOR** Silver Hairlane SUS
- FRONT WALL** Silver Hairlane SUS
- SIDE WALL** Silver Hairlane SUS+BLACK Glass
- REAR WALL** Silver Hairlane SUS+BLACK mirror
- HANDRAIL** Silver Hairlane SUS Round Hand Rall
- FLOOR** Black Granit



The printcolor can be differnt front the actual object



GP-G04

- CEILING** BLACK Hairland SUS+light line
- CAR DOOR** BLACK Hairlane SUS+Laser Marking
- FRONT WALL** BLACK Hairlane SUS+Laser Marking
- SIDE WALL** BLACK Hairlane SUS+Laser Marking+cop
- REAR WALL** BLACK Hairlane +Black Glass
- HANDRAIL** Flat Black Hairline Hand Rall
- FLOOR** Black Star Galaxy Granit



The printcolor can be differnt front the actual object





تزيينات كابين دلوکس

**Kabin Dekorasyonlar
Deluxe**

تزيين كابينه ديلوکس





GD-G01

CEILING	BLACK Hairline SUS+LED
CAR DOOR	BLACK Hairline SUS+Laser Marking
FRONT WALL	BLACK Hairline SUS
SIDE WALL	BLACK Hairline +Laser Marking+COP
REAR WALL	BLACK Hairline SUS+White Mirror
HANDRAIL	Solid Black Round Hand Rall
FLOOR	Black Star Galaxy Granit



The printcolor can be differnt front the axtual object



GD-G02

CEILING	CS-S1 HEIGHT:70mm, STS Polishing Mirror +STSHairline+LED Blac Painted Stell
CAR DOOR	PCM (Deep Grey)
FRONT WALL	PCM (Deep Grey) +CL-SB+COP- 02D (Black)
SIDE WALL	PCM (Deep Grey) +PCM(Sapiano)
REAR WALL	PCM (Deep Grey) +PCM(Sapiano)+Laser Marking (Logo)
HANDRAIL	HR01- (STS Polishing Pipe)
FLOOR	Deco tile (DT -17)



The printcolor can be differnt front the axtual object





تزئینات کابین پانوراما

**Cabin Decorations
Panorama**

تزئین کابینة بانوراما



GS-G08
Laser Marking (LM-05)

CEILING	Option Type (STS Ion Gold Mirror +Acrylic +LED)
CAR DOOR	STS Ion Gold Mirror +Laser Marking (LM-05)
FRONT WALL	STS Ion Gold Mirror +Cl- 13X+COP- 03D
SIDE WALL	STS Ion Gold Mirror+Laser Marking (LM-05)
REAR WALL	STS Ion Gold Mirror+ Glass
HANDRAIL	HR01- (STS Gold Polishing Pipe)
FLOOR	Marble (by Local)

The printcolor can be differnt from the actual object





GS-G09
Laser Marking (LM-01)

CEILING	CS04- (STS Hairline +Acrylic +LED)
CAR DOOR	STS Mirror +Laser Marking (LM-01)
FRONT WALL	STS1 Mirror+1COP- 02D
SIDE WALL	STS Mirror+Laser Marking (LM-01)+ Glass
REAR WALL	STSMirror+ Glass
HANDRAIL	HR-01 (STS Polishing Pipe)
FLOOR	Deco tile (DM-02)

The printcolor can be differnt from the actual object







■ GS-G01



■ GS-G04



■ GS-G02



■ GS-G05



■ GS-G03



■ GS-G07



EP700



EP800



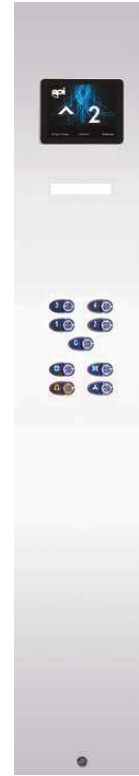
EP900



EP2300



EP1500



EP2000



EP1300



EP715
Dublex



EP135
Dublex



Classic
Dublex



EP145
Dublex



EP7005
Dublex



EP7005



EP715



EP135



EP145



EP920
LCD



EP920
7Segment



EP995



EP1310



EP970



EP1550



HALL DOOR STS Hairline
 JAMB J-101(Narrow Jamb)
 HALL BUTTON HIB-01



HALL DOOR STS Hairline +LM-T2
 JAMB J-301(Wide Jamb Without Transom Panel)
 HALL BUTTON HIB-SW2



HALL DOOR fabric Metal
 JAMB J-101(Narrow Jamb)
 HALL BUTTON HIB-SM2



HALL DOOR PCM(wood)
 JAMB J-101(Narrow Jamb)
 HALL BUTTON HIB-SW2



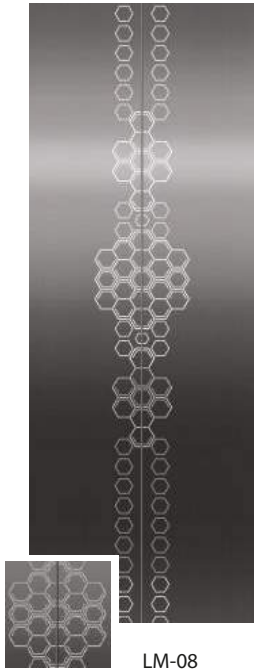
HALL DOOR STS Hairline+LM-02
 JAMB J-311(Wide Jamb With Transom panel)
 CPI HI-10X
 HALL BUTTON HB-02/Foot button



HALL DOOR STS Inco Black Hairline + LM-03
 JAMB J-311(Wide Jamb With Transom panel)
 CPI HI-SB
 HALL BUTTON HB-SB2 / Foot button(Ti Black)



HALL DOOR STS Mirror + LM - 01
 JAMB J-Special (Wide Jamb With Transom panel)
 CPI HI-13X
 HALL BUTTON HIB-02
 HALL LANTEAN HIL-01R



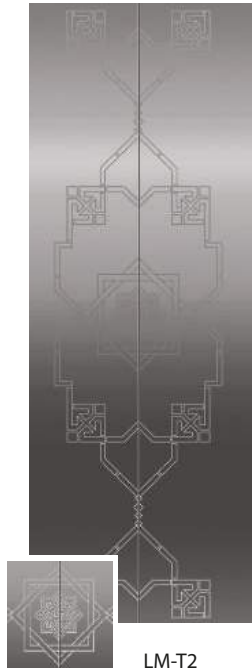
LM-08



LM-09



LM-10



LM-T2

FABRICMETAL



Fabric metal (Deep Grey)

VCM

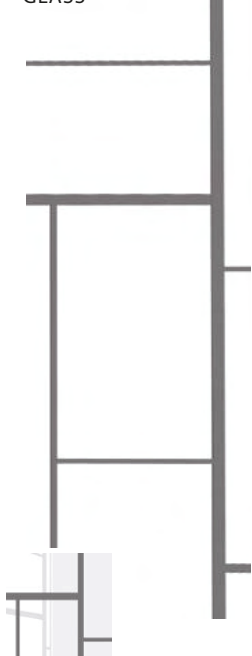


VCM (Cubic)



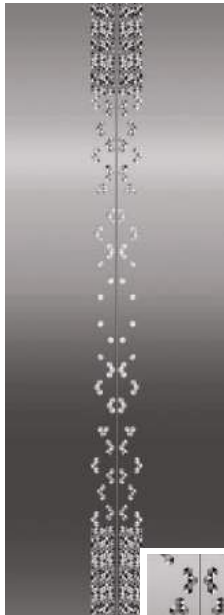
VCM (Vib)

GLASS

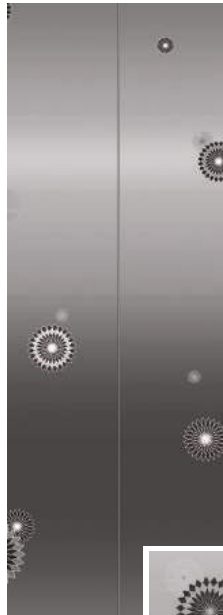


Printing Glass(Vib)

■ LASER MARKING



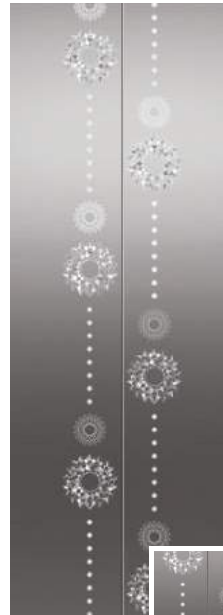
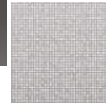
LM-02



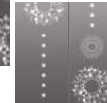
LM-03



LM-04



LM-05



LM-07



■ PCM



PCM
(Wood)



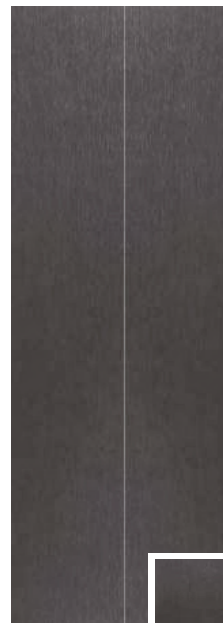
PCM
(Sapiano)



PCM
(Light wood)



PCM
(Bronze Hairline)



PCM
(Dark Grey)





CS-05



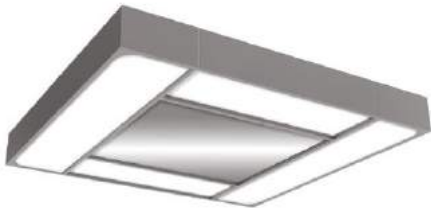
CS-06



CS-07



CS-08



CS-21



CS-23S
(RGB Color LED)



CS-92



CS-L2



CS-L3



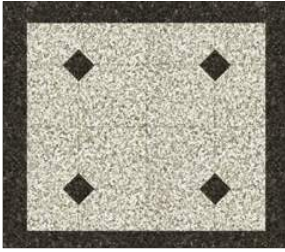
CS-S1
(Slim Type: 70mm)



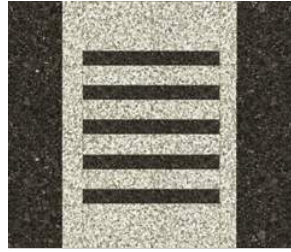
CS-S2
(Slim Type: 50mm)



CS-S3
(Slim Type: 70mm)



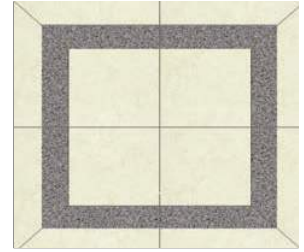
DM-01



DM-02



DM-03



DM-04



DM-05



DM-07



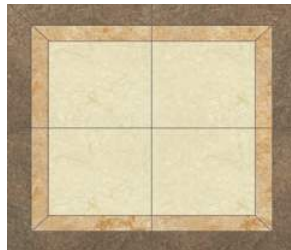
DM-08



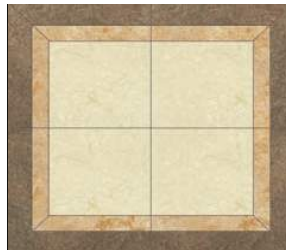
DT-07



DT-09



DT-10



DT-10



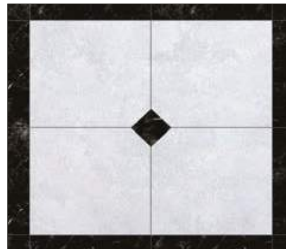
DT-13



DT-15



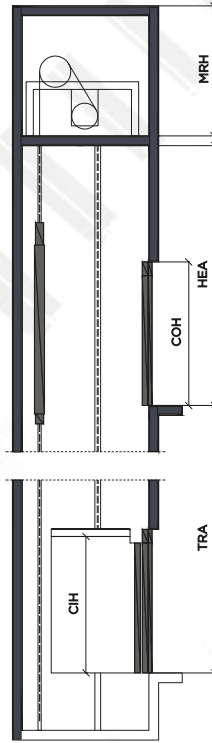
DT-16



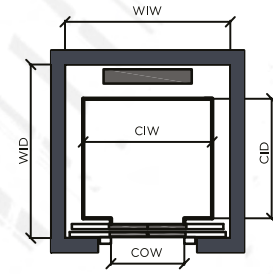
DT-17



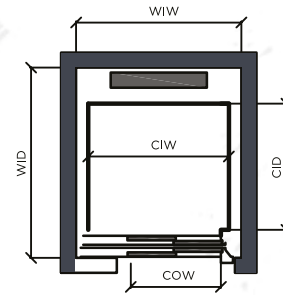
DT-18



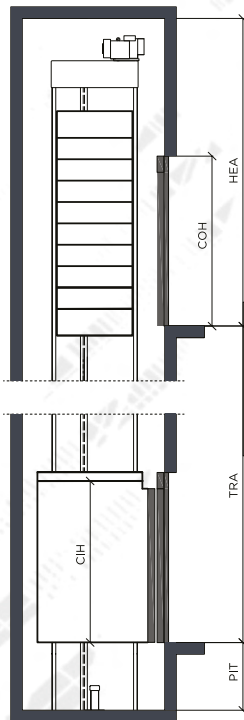
Central



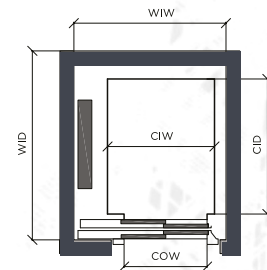
Telescopic



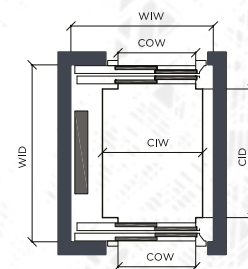
Behran MR General Dimensions



Single Entrance



Double Entrance

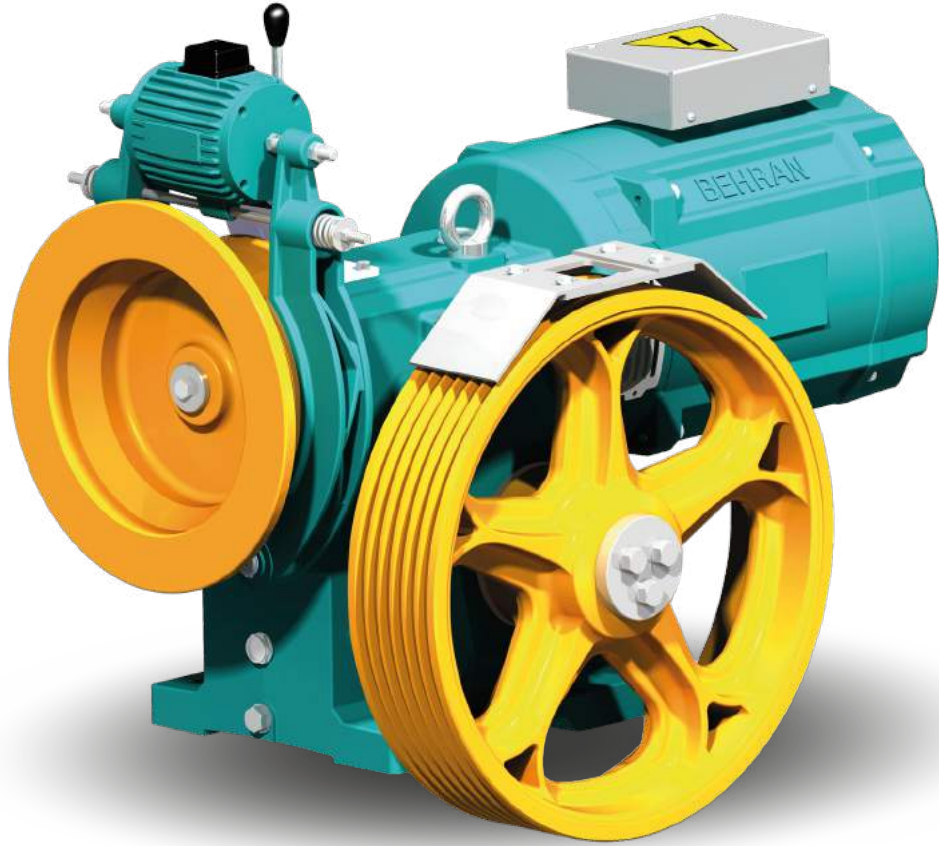


Behran MRL General Dimensions

موتورگیربکس های آسانسور

Elevator Gearbox Motors

محرك علبه السرعة للمصعد





SZUTEST 
Accredited Inspection Company



برتری های فنی

Superb Technical Features

الأفضلية الفنية

Worm Shaft & Gear



5 Micron Ultra-Precision
CNC Machining

Shaft



Hardened Worm Shaft

Bearings



Heavy Duty Bearings
High Grade

Super Strength



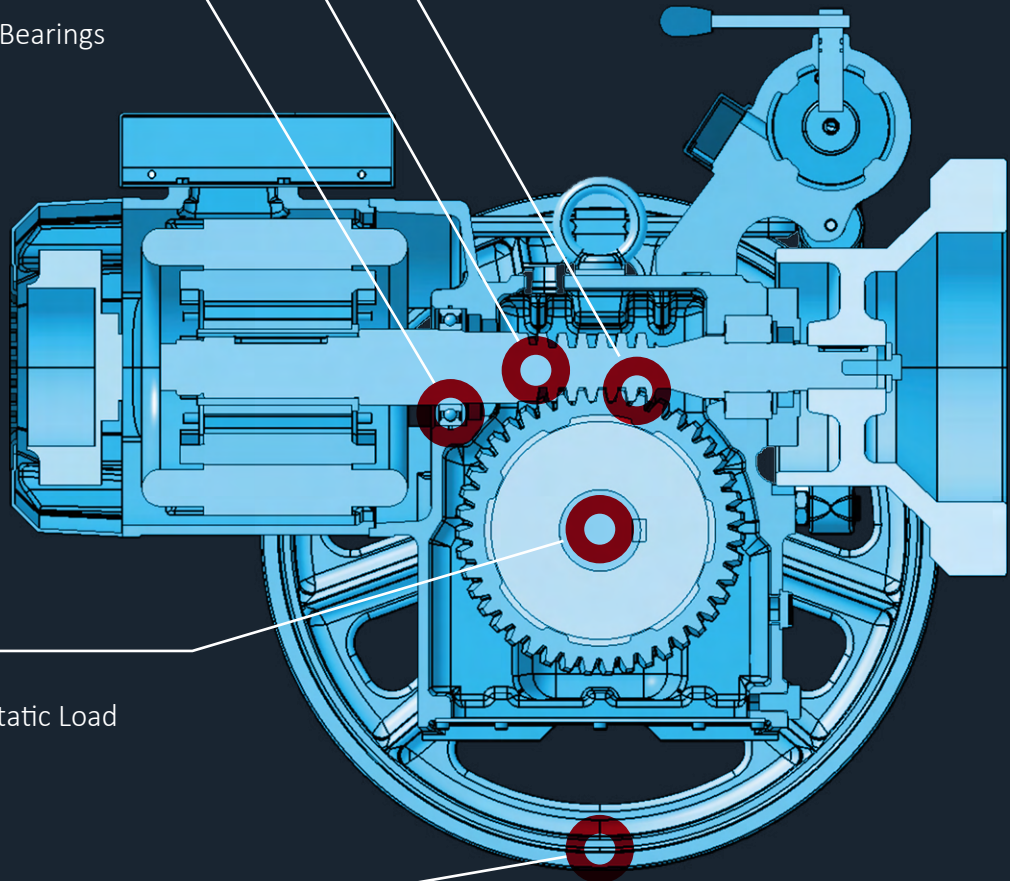
Ultra High Static Load

Motor Pulley



Special Impact/Wear/Fatigue-Resistant
Graphite-Rich Ductile Cast Iron

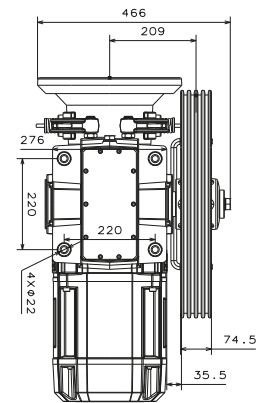
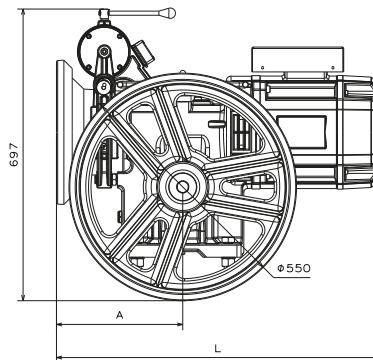
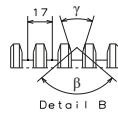
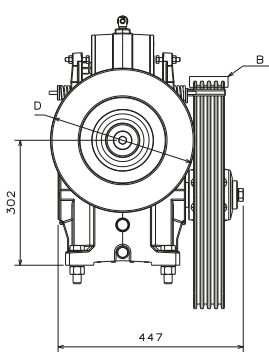
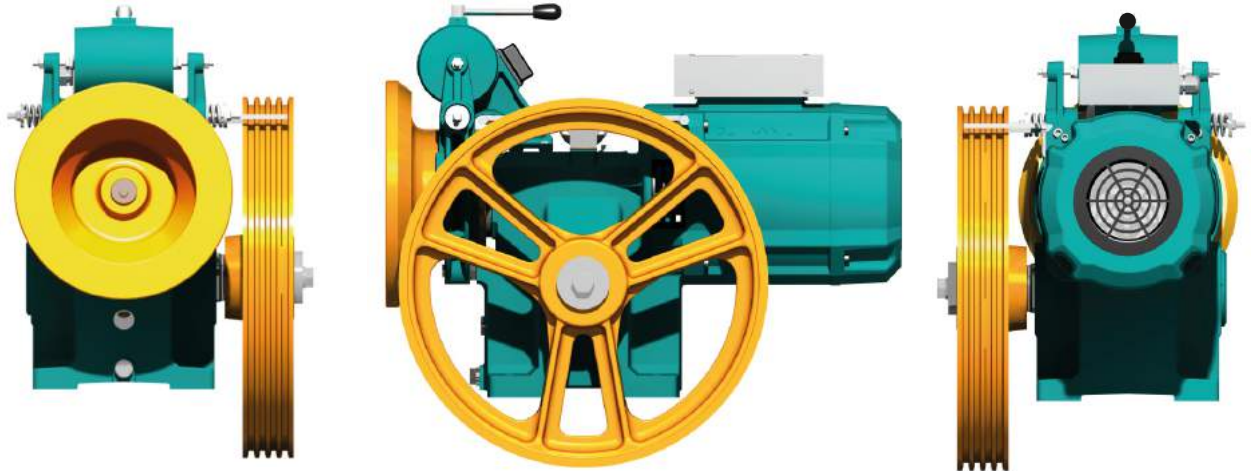
BL 240 Series
BL 245 Series
BL 260 Series
BL 265 Series
BL 280 Series



موتور گیربکس های سری BL240

Elevator GearBox Motor BL240 Series

محرك علبه السرعة من الجيل BL240



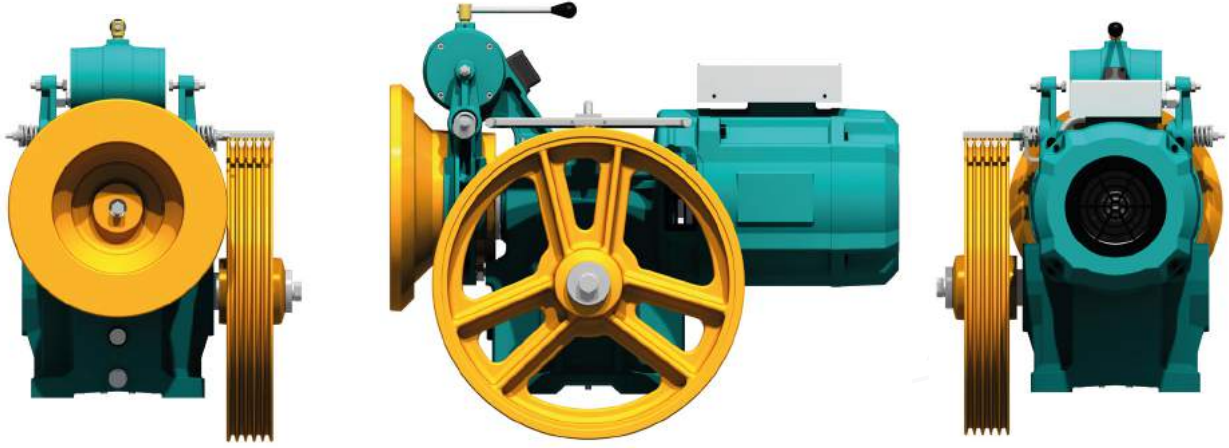
BL 240 Series

Type	Order No.	Motor Type	MOTOR SPECIFICATION													GEARBOX SPECIFICATION																		
			Power (Kw)		Speed (rpm)						Current					Freq. (Hz)	Voltage (V)	Poles Qty.	ED%	Max. Start Per Hour	Load (Kg)	Max. Speed (m/s)	Max. Static Load (Kg)	Traction Sheave Dia. (mm)	Groove Angle (γ)	Undercut Angle (β)	Rope Dia. (mm)	Rope Qty.	Gearbox Ratio	Efficiency %		L (mm)	A (mm)	D (mm)
					low	high	low	high	low	high	low	high	low	high	low															high	low			
			low	high	low	high	low	high	low	high	low	high	low	high	low	high	low	high	low	high	low	high	low	high	low	high	low	high	low	high	low	high		
BL240	BE014155A110	AC2	5.5	300	1470	7.5	13.9	13	44.6	0.55	0.75	50	380	4/16	40	180	450	1	2700	550	35	103	10	4	1/43	75	80	806	329	Ø324				
	BE014161A110	AC2	6.1	310	1470	8.5	15	11.9	47.5	0.55	0.75	50	380	4/16	40	180	500	1	2700	550	35	103	10	4	1/43	75	80	806	329	Ø324				
	BE014155V110	VVVF	5.5	1470		10.8		68		0.81		50	380	4	40	240	450	1	2700	550	35	103	10	4	1/43	76	80	780	305	Ø349				
	BE014161V110	VVVF	6.1	1470		12.2		74		0.81		50	380	4	40	240	500	1	2700	550	35	103	10	4	1/43	76	80	780	305	Ø349				

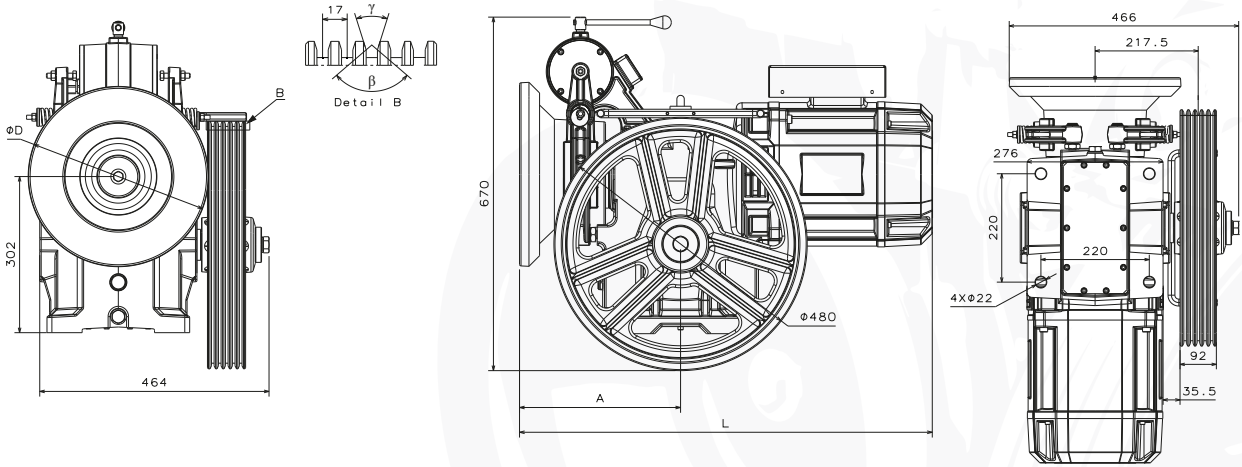
- Quiet Operation
- Heavy-Duty construction
- Extreme Reliability

موتور گیربکس های سری BL245

Elevator GearBox Motor BL245 Series محرك علبة السرعة من الجيل BL245



Dimensions



BL 245 Series

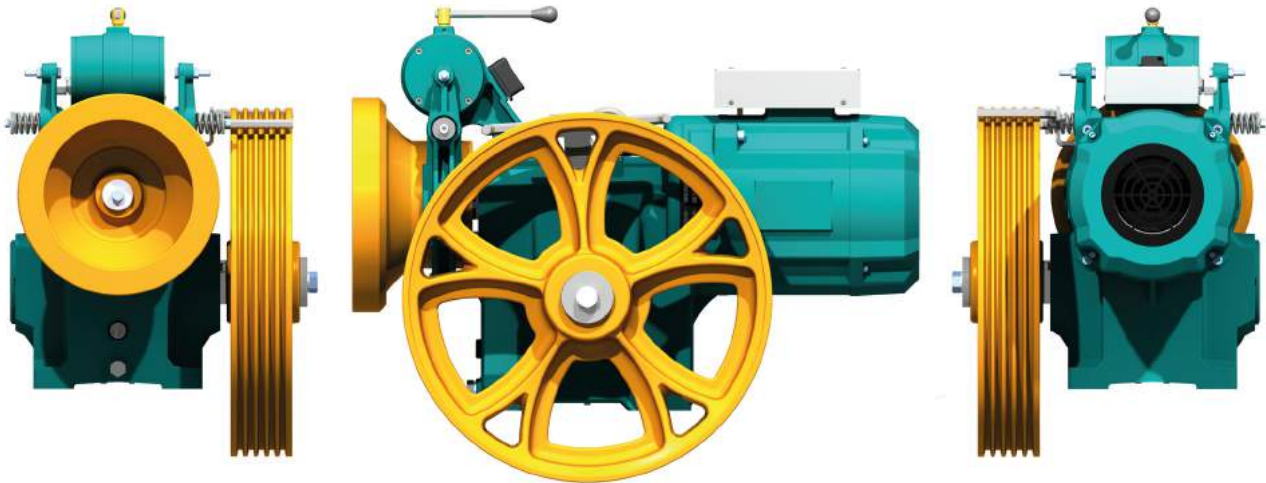
Type	Order No.	Motor Type	Power (Kw)	MOTOR SPECIFICATION												GEARBOX SPECIFICATION												
				Speed (rpm)		Current				Freq. (Hz)	Voltage (V)	Poles Qty.	ED%	Max. Start Per Hour	Load (Kg)	Max. Speed (m/s)	Max. Static Load (Kg)	Traction Sheave Dia. (mm)	Groove Angle (γ)	Undercut Angle (β)	Rope Dia. (mm)	Rope Qty.	Gearbox Ratio	Efficiency %		L (mm)	A (mm)	D (mm)
				low	high	low	high	low	high															low	high			
BL245	BE012161V110	VVVF	61	1460	12.2	74	0.81	50	380	4	40	240	525	1	2700	480	35	103	10	5	2/71	76	80	780	305	ø349		
	BE012161A110	AC2	6.1	310 1460	8.5 15	11.9 47.5	0.55 0.75	50	380	4/16	40	180	525	1	2700	480	35	103	10	5	2/71	75	80	806	329	ø324		

- Quiet Operation
- Heavy-Duty construction
- Extreme Reliability

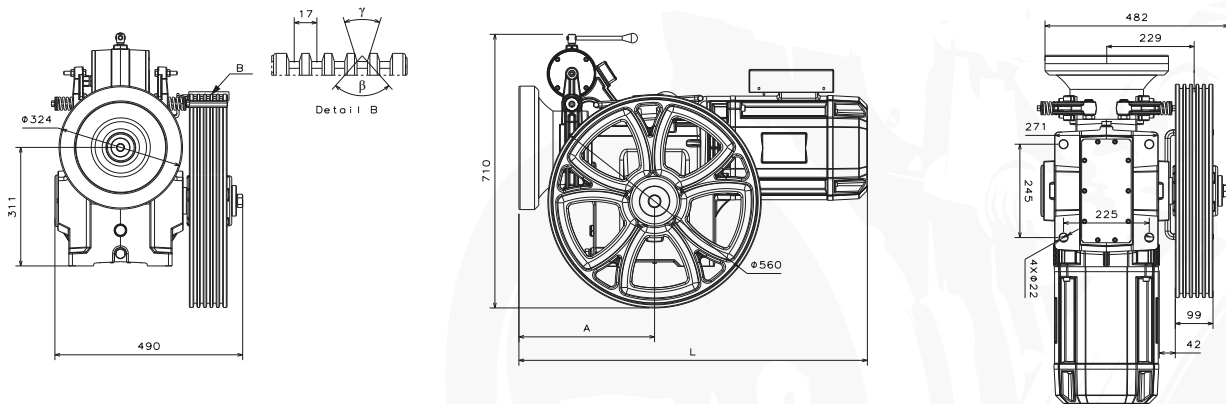
موتور گیربکس های سری BL260

Elevator GearBox Motor BL260 Series

محرك علبة السرعة من الجيل BL260



Dimensions



BL 260 Series

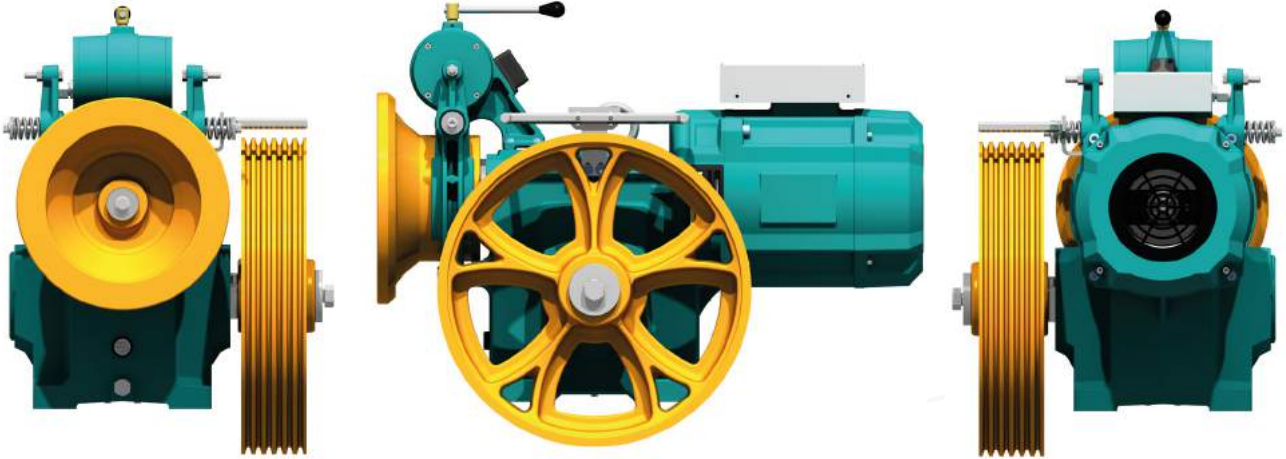
Type	Order No.	Motor Type	Power (Kw)	MOTOR SPECIFICATION											GEARBOX SPECIFICATION														
				Speed (rpm)		Current						Freq. (Hz)	Voltage (V)	Poles Qty.	ED%	Max. Start Per Hour	Load (Kg)	Max. Speed (m/s)	Max. Static Load (Kg)	Traction Sheave Dia. (mm)	Groove Angle (γ)	Undercut Angle (β)	Rope Dia. (mm)	Rope Qty.	Gearbox Ratio	Efficiency		L (mm)	A (mm)
						low	high	low	high	low	high															low	high		
				low	high	low	high	low	high	low	high	low	high	low	high	low	high	low	high	low	high	low	high	low	high	low	high	low	high
BL260	BE016173A210	AC2	7.3	310	1470	11	18.5	16	64	0.55	0.8	50	380	4/16	40	180	630	1	3100	560	35	103	10	5	1/44	78	80	915	356
	BE016173V210	VVVF	7.3		1470		15		95		0.82	50	380	4	40	240	630	1	3100	560	35	103	10	5	1/44	80	80	834	332
	BE016173V316	VVVF	7.3		1440		15		95		0.82	50	380	4	40	240	450	1.6	3100	560	35	103	10	5	2/53	80	89	891	332
	BE016192V316	VVVF	9.2		1440		17.6		90		0.86	50	380	4	40	240	630	1.6	3100	560	35	97	11	5	2/53	81	89	891	332

- Quiet Operation
- Heavy-Duty construction
- Extreme Reliability

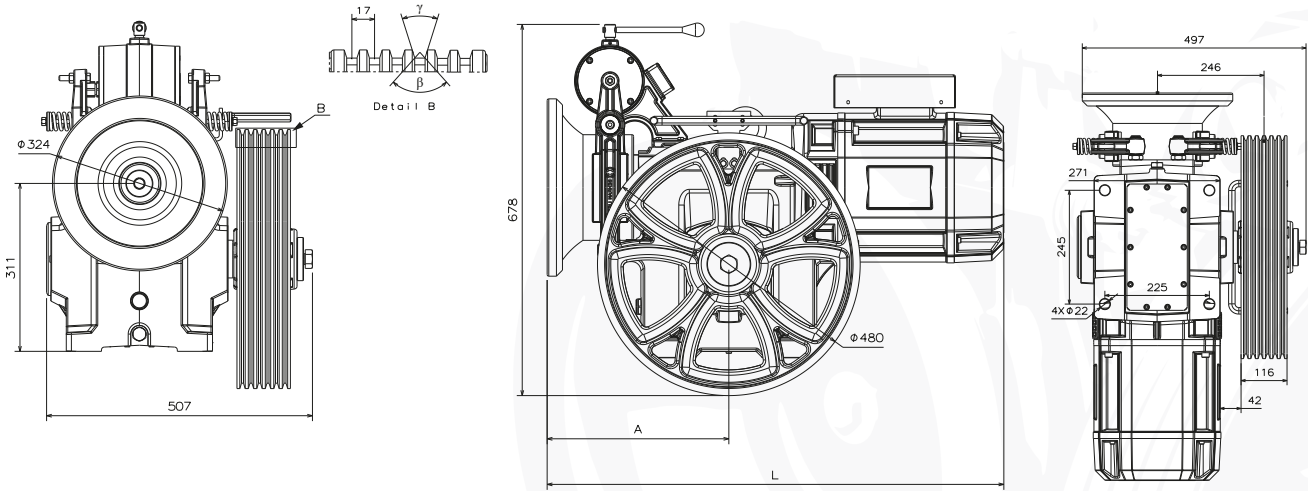
موتور گیربکس های سری BL265

Elevator GearBox Motor BL265 Series

محرك علبة السرعة من الجيل BL265



Dimensions



BL 265 Series

Type	Order No.	Motor Type	Power (Kw)	MOTOR SPECIFICATION										GEARBOX SPECIFICATION												
				Speed (rpm)		Current			Freq. (Hz)	Voltage (V)	Poles Qty.	ED%	Max. Start Per Hour	Load (Kg)	Max. Speed (m/s)	Max. Static Load (Kg)	Traction Sheave Dia. (mm)	Groove Angle (γ)	Undercut Angle (β)	Rope Dia. (mm)	Rope Qty.	Gearbox Ratio	Efficiency %		L (mm)	A (mm)
				low	high	In	Ist	Cos φ															Motor Efficiency(ηm)	Gearbox Efficiency(ηg)		
BL265	BE011173V210	VVF	7.3	1460	15	95	0.82	50	380	4	40	240	750	1	3300	480	35	103	11	6	2/71	80	80	834	332	
	BE011173A210	AC2	7.3	310 1460	11 18.5	16 64	0.55 0.8	50	380	4/16	40	180	750	1	3300	480	35	103	11	6	2/71	80	80	915	356	

- Quiet Operation
- Heavy-Duty construction
- Extreme Reliability

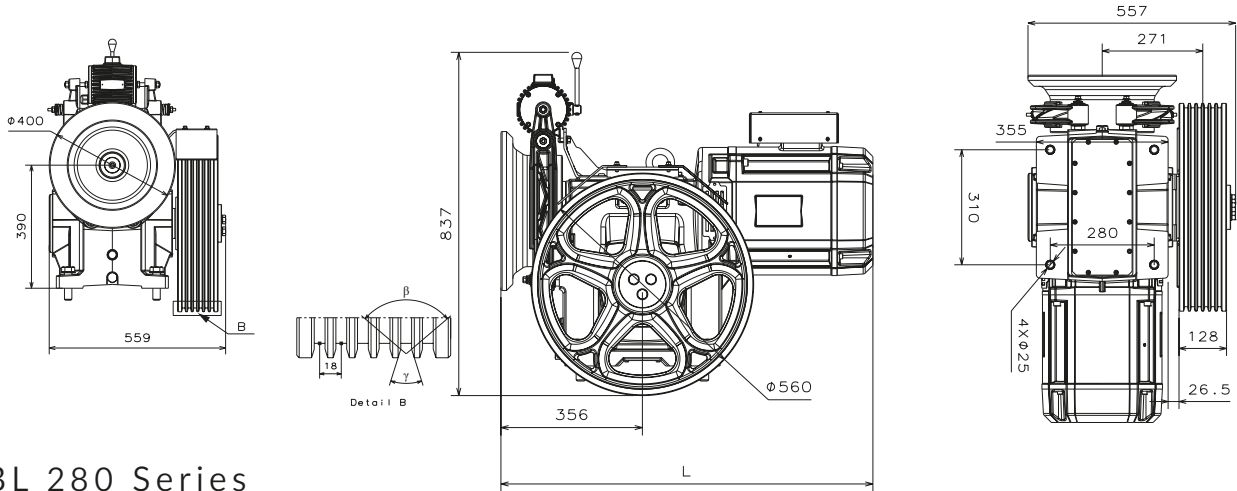
موتور گیربکس های سری BL280

Elevator GearBox Motor BL280 Series

محرك علبة السرعة من الجيل BL280



Dimensions



BL 280 Series

Type	Order No.	Motor Type	Power (Kw)	MOTOR SPECIFICATION										GEARBOX SPECIFICATION													
				Speed (rpm)		Current						Freq. (Hz)	Voltage (V)	Poles Qty.	ED%	Max. Start Per Hour	Load (kg)	Max. Speed (m/s)	Max. Static Load (kg)	Traction Sheave Dia. (mm)	Groove Angle (°)	Undercut Angle (°)	Rope Dia. (mm)	Rope Qty.	Gearbox Ratio	Efficiency %	
						low	high	low	high	low	high															low	high
				low	high	low	high	low	high	low	high	low	high	low	high	low	high	low	high	low	high	low	high	low	high	low	high
BL280	BE018192V210	VVVF	9.2	1470	17.6	90	0.86	50	380	4	40	240	975	1	5000	560	35	97	12	5	1/44	89	85	976			
	BE018182V210	VVVF	11.2	1470	22	90	0.88	50	380	4	40	240	1200	1	5000	560	35	97	12	6	1/44	89	85	976			
	BE018192V316	VVVF	9.2	1440	17.6	90	0.86	50	380	4	40	240	750	1.6	5000	560	35	97	12	5	2/53	89	89	976			
	BE018182V316	VVVF	11.2	1440	22	90	0.88	50	380	4	40	240	850	1.6	5000	560	35	97	12	5	2/53	89	89	976			
	BE0181D2V316	VVVF	13.2	1440	25	120	0.9	50	380	4	40	240	975	1.6	5000	560	35	97	12	5	2/53	89	89	976			
	BE0181F2V316	VVVF	15.2	1440	30	120	0.9	50	380	4	40	240	1200	1.6	5000	560	35	97	12	6	2/53	89	89	976			

- Quiet Operation
- Heavy-Duty construction
- Extreme Reliability

موتورگیربکس های پله برقی

Escalator Gearbox Motors

محرك علبة السرعة للسالم الكهربائفة





برتری های فنی

Superb Technical Features

الأفضلية الفنية

BS140 Series

BS160 Series

Worm Shaft & Gear



5 Micron Ultra-Precision
CNC Machining

Bearings

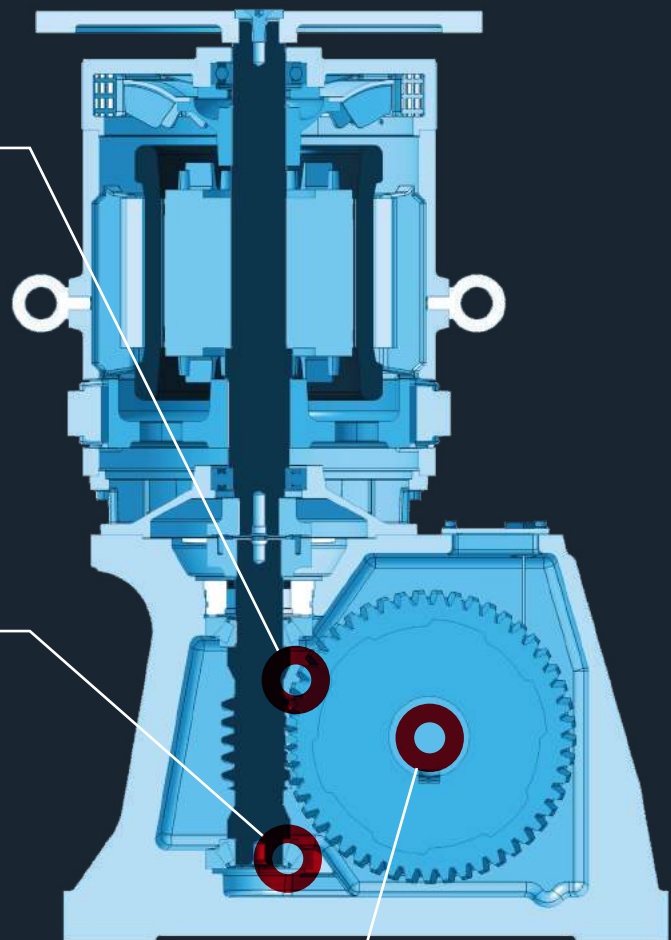


Heavy Duty Bearings
High Grade

Super Strength



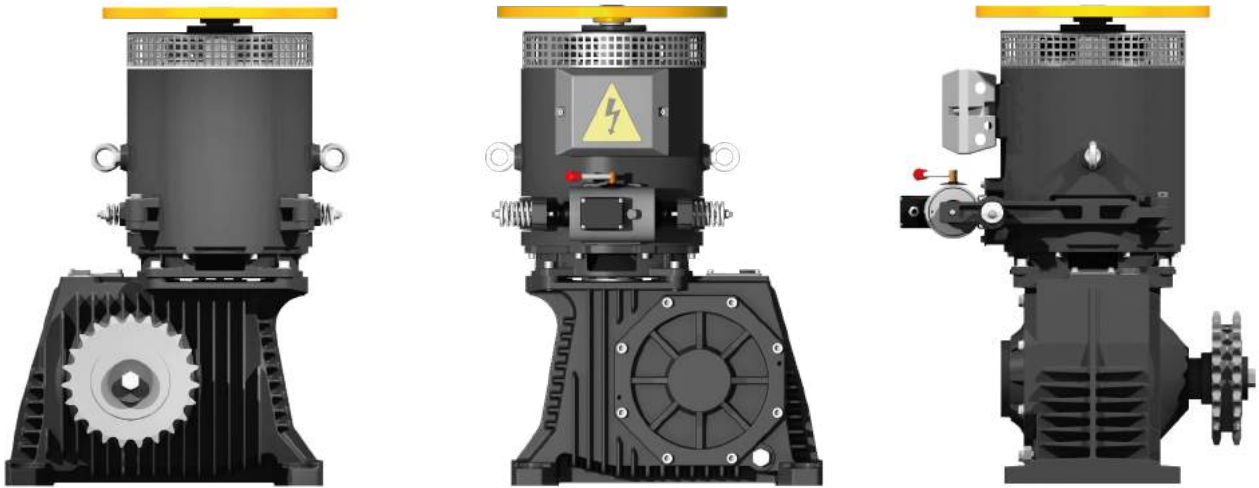
Ultra High Strength



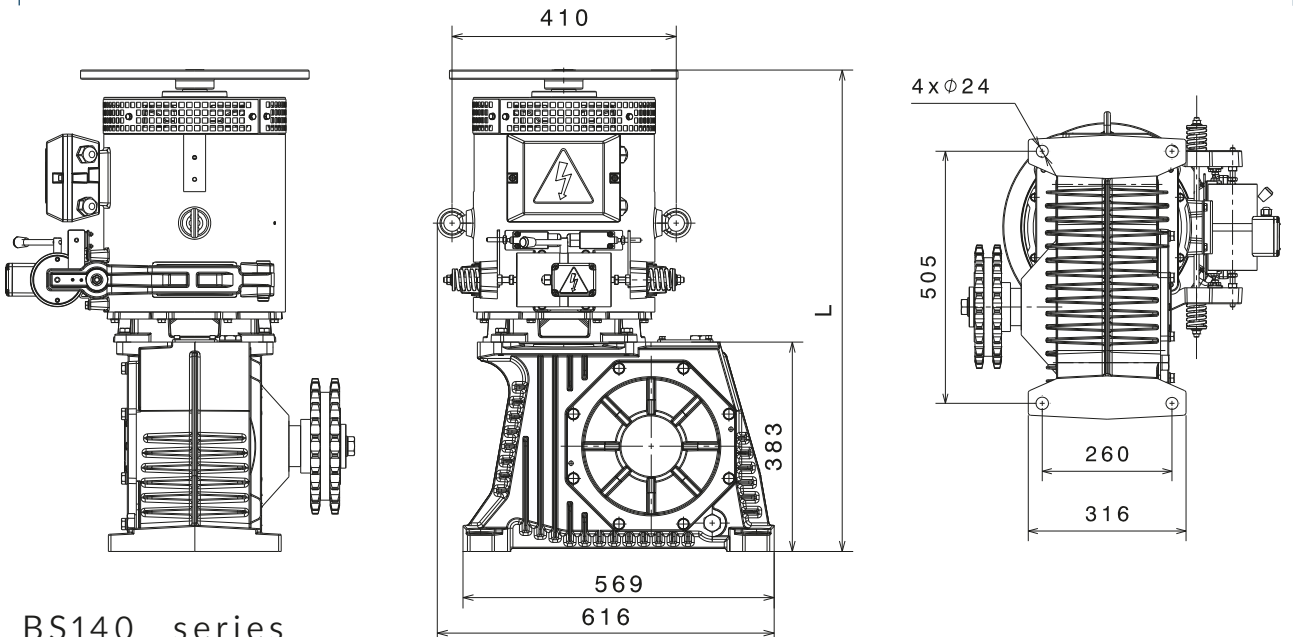
موتور گیربکس های سری BS140

Escalator Gearbox Motor BS140 Series

محرك علبة السرعة من الجيل BS140



Dimensions



BS140 series

Order No.	Motor Type	Power (Kw)	Speed (rpm)	current			Freq. (Hz)	Voltage (V)	Poles Qty	ED%	Ins. Class	Brake Voltage (V)	IP
				In (A)	Ist (A)	Cos Φ							
				-	VVVF	5.5							
BE031175AAXX	VVVF	7.5	960	16	85	0.77	50	380	6	S1	F	AC220	21
BE0311B0AAXX	VVVF	11	960	22	110	0.78	50	380	6	S1	F	AC220	21
-	VVVF	15	960	31	129	0.81	50	380	6	S1	F	AC220	21

Dimension	
Power (kw)	L (mm)
5.5-7.5	881
11	915
15	-

- Quiet Operation
- Heavy-Duty construction
- Extreme Reliability

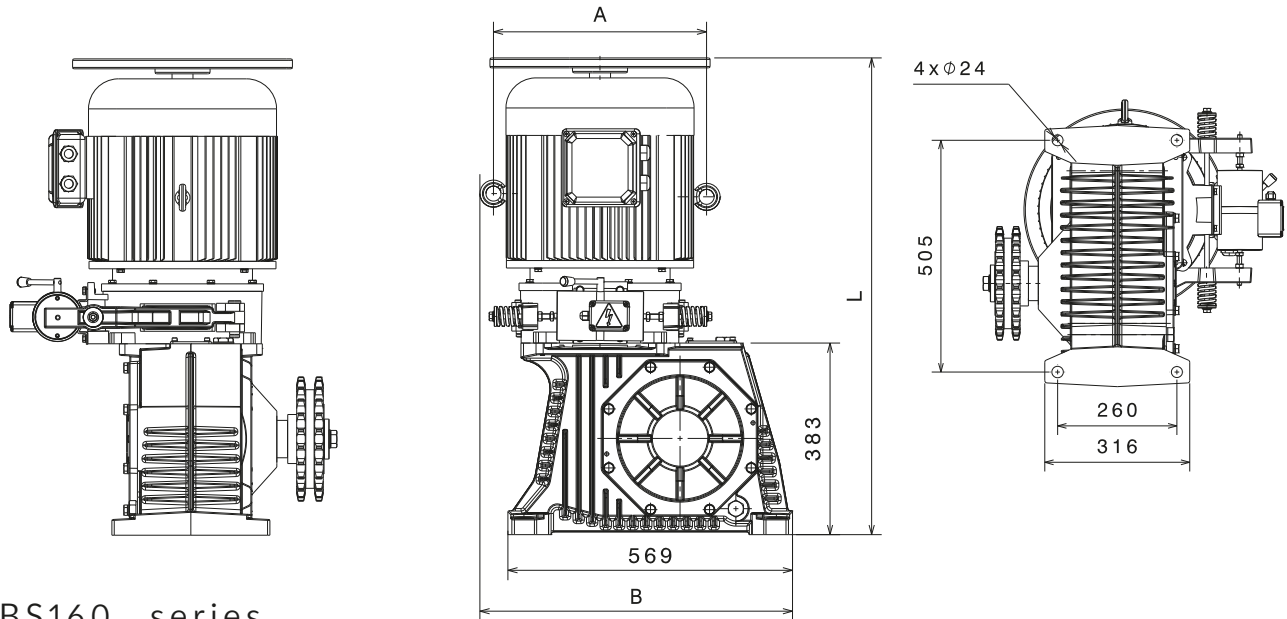
موتور گیربکس های سری BS160

Escalator Gearbox Motor BS160 Series

محرك علبة السرعة من الجيل BS160



Dimensions



BS160 series

BS160													
Order No.	Motor Type	Power (Kw)	Speed (rpm)	current			Freq. (Hz)	Voltage (V)	Poles Qty	ED%	Ins. Class	Brake Voltage (V)	IP
				In (A)	Ist (A)	Cos Φ							
-	VVVF	5.5	960	12	70	0.75	50	380	6	S1	F	AC220	55
-	VVVF	7.5	960	16	85	0.77	50	380	6	S1	F	AC220	55
-	VVVF	11	960	22	110	0.78	50	380	6	S1	F	AC220	55
BE0321F0AAXX	VVVF	15	960	31	129	0.81	50	380	6	S1	F	AC220	55

Dimensions			
Power (kw)	L (mm)	A (mm)	B (mm)
5.5 – 7.5 – 11	861	340	580
15	901	370	595

- Quiet Operation
- Heavy-Duty construction
- Extreme Reliability

موتور گیرلس های آسانسور

Elevator Gearless Motors

للمصعد (GEARLESS) محرك بلا مسننات





SZUTEST 
Accredited Inspection Company

برتری های فنی

Superb Technical Features

الأفضلية الفنية

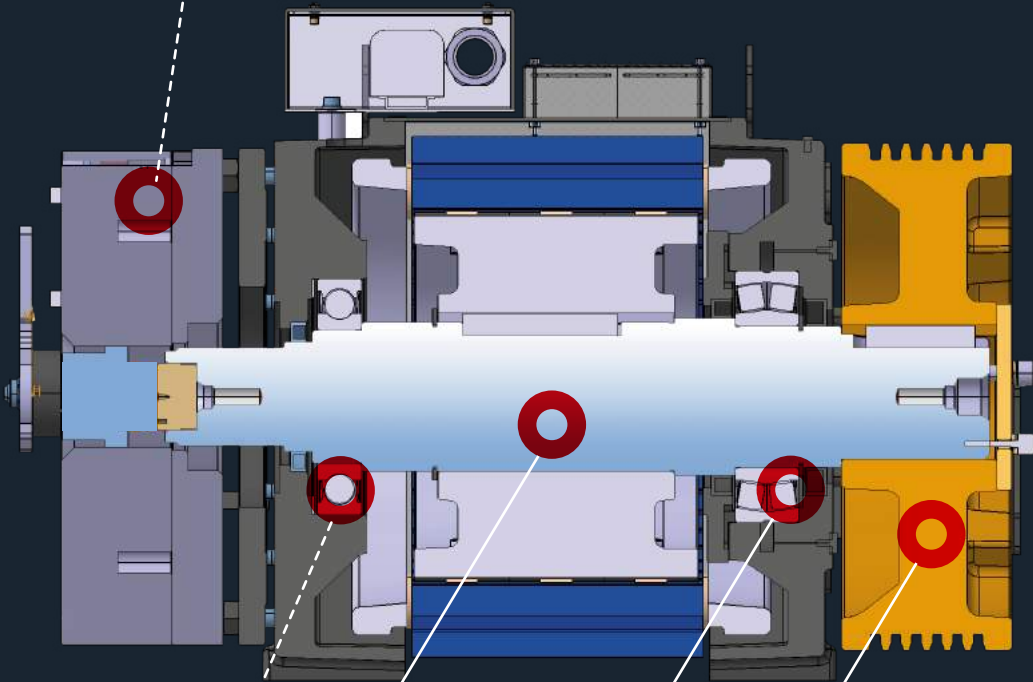
Motor Brake



Reliable performance

BM 320 Series

BM 360 Series



Bearings



Heavy Duty Bearings
High Grade

Super Strength



Ultra High Static Load

Motor Pulley



Special Impact/Wear/Fatigue-Resistant
Graphite-Rich Ductile Cast Iron

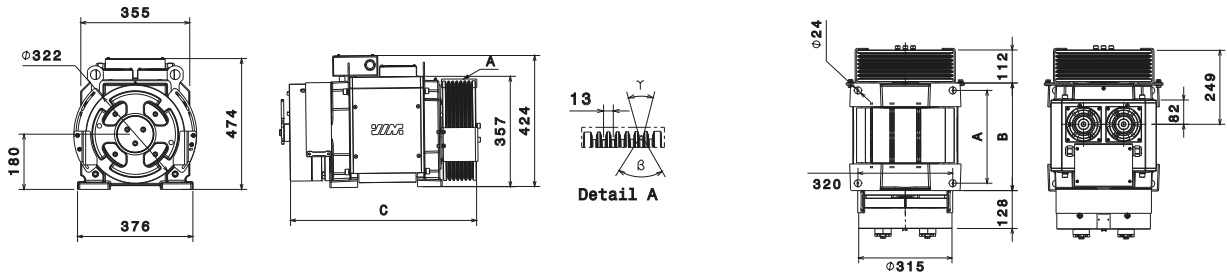
موتورهای گیرلس سری BM

Elevator Gearless Motor BM Series

محرك بلا مسننات (GEARLESS) من الجيل BM



Dimensions



BM Series

SERIES	Order number	Traction Ratio	Load (kg)	Max. axle load (kg)	Elevator Speed (m/s)	Rated Speed (RPM)	Rated Torque (N.m)	MOTOR				
								Power (Kw)	Voltage (V)	Current (A)	Poles (P)	Frequency (Hz)
BM320	BE0211351028	02:01	480	3500	1.0	119	281	3.5	380	8.8	10	19.8
	BE0211551627	02:01	450	3500	1.6	191	275	5.5	380	12.2	10	31.8
	BE0211451036	02:01	630	3500	1.0	119	361	4.5	380	11.2	10	19.8
	BE0211681634	02:01	630	3500	1.6	191	340	6.8	380	16.6	10	31.8
	BE0211561045	02:01	800	3500	1.0	119	450	5.6	380	12.0	10	19.8
	BE0211891644	02:01	800	3500	1.6	191	445	8.9	380	19.9	10	31.8
BM360	BE0221691055	02:01	1000	3500	1.0	119	554	6.9	380	14.8	10	19.8
	BE0221A81654	02:01	1000	3500	1.6	191	540	10.8	380	25.0	10	31.8

SERIES	MODEL	BRAKE		Sheave						Weight (Kg)	A	B	C
		Voltage (V)	Brake Torque (N.m)	Diameter (mm)	Rope Dia. (mm)	Rope Qty.	β angle (°)	γ angle (°)	Groove Pitch (mm)				
BM320	BE0211351028	DC 207	2x500	ϕ 320	ϕ 8	5	95	U/30	13	305	315	365	654
	BE0211551627	DC 207	2x500	ϕ 320	ϕ 8	5	95	U/30	13	305	315	365	654
	BE0211451036	DC 207	2x500	ϕ 320	ϕ 8	5	95	U/30	13	305	315	365	654
	BE0211681634	DC 207	2x500	ϕ 320	ϕ 8	5	95	U/30	13	305	315	365	654
	BE0211561045	DC 207	2x500	ϕ 320	ϕ 8	6	95	U/30	13	305	315	365	654
	BE0211891644	DC 207	2x500	ϕ 320	ϕ 8	6	95	U/30	13	305	315	365	654
BM360	BE0221691055	DC 207	2x800	ϕ 320	ϕ 8	7	95	U/30	13	330	355	405	694
	BE0221A81654	DC 207	2x800	ϕ 320	ϕ 8	7	95	U/30	13	330	355	405	694

● Quiet Operation ● Heavy-Duty construction ● Extreme Reliability

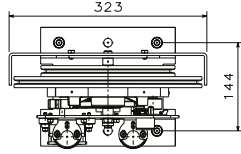
گاورنر آسانسور

OVERSPEED GOVERNOR

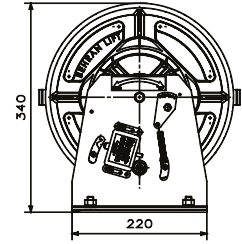
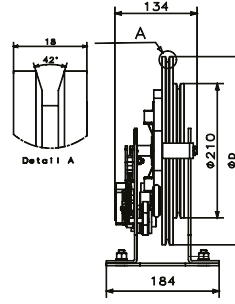
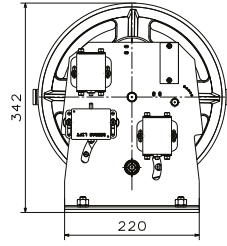
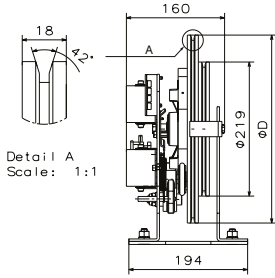
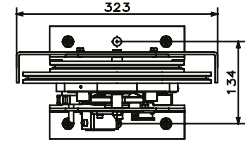
حاکم المصعد (GOVERNOR)



MRL



MR

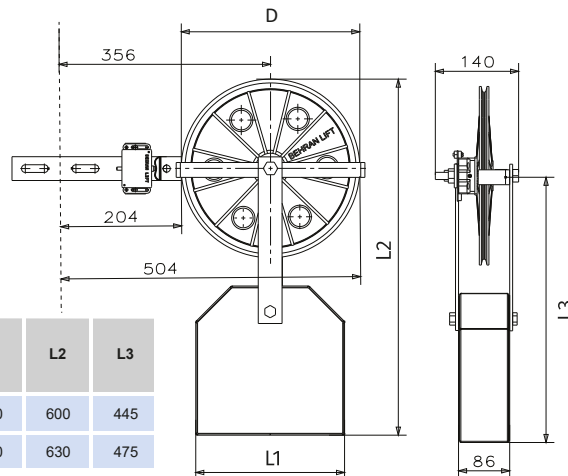


order No		Operation	D (mm)	Vn (m/s)	Vtr (m/s)		Ve (m/s)		Wire Rope Dia.
MR	MRL				Down	Up	Down	Up	
BE4011UA1630	BE4011UL1630	Unidirectional	300	0.50	0.70	-	0.65	-	6
BE4011UA1730	BE4011UL1730	Unidirectional	300	0.8	0.99	-	0.93	-	6
BE4011UA1130	BE4011UL1130	Unidirectional	300	1.00	1.28	-	1.23	-	6
BE4011UA2130	BE4011UL2130	Bidirectional	300		1.28	1.28	1.23	1.23	6
BE4011UA1230	BE4011UL1230	Unidirectional	300	1.6	1.98	-	1.93	-	6
BE4011UA2230	BE4011UL2230	Bidirectional	300		1.98	1.98	1.93	1.93	6

فلکه کششی گاورنر

OVER SPEED GOVERNOR TENTION DEVICE

بكرة سحب الحاکم (GOVERNOR)

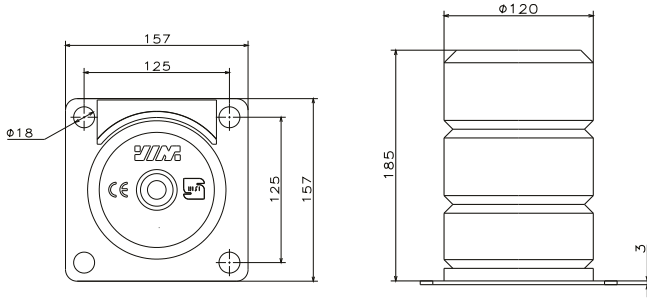


Order No.	D (mm)	V (m/s)	Wire Rope Dia. (mm)	Weight (kg)	L1	L2	L3
BE4011DXX23H	300	1.00 - 1.60	6	18	250	600	445
BE4011FXX23H	300	1.00 - 1.60	6	30	330	630	475

POLYURETHANE BUFFER

ضربه گیر پلی اورتان

ماص الصدمات البلي اورتان



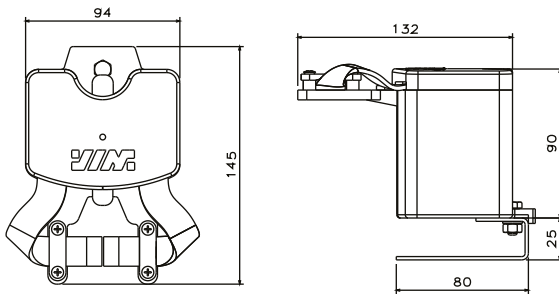
Order No.	P+Q (kg)		Vmax (m/s)
	Min.	Max.	
BE4111P41510	400	1500	1



RAIL LUBRICATOR

روغندان ریل

قدر الزيت للسكة



Order No. BE08614590XI



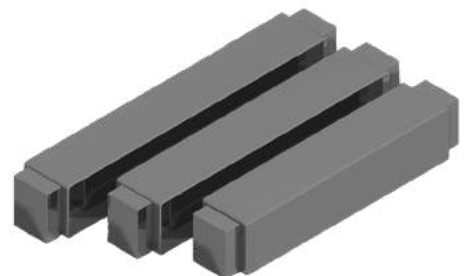
COUNTER WEIGHTS

وزنه های تعادل

اثقال التوازن



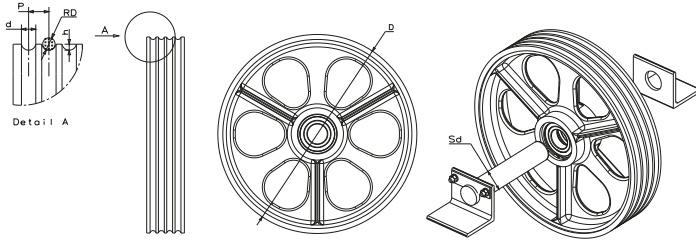
Order No.	Size	Dimension (mm)				Net Weight (kg)
		L1	L2	H	W	
BE09113A6750	78	780	670	150	150	50
BE09113B7656	86	860	760	150	150	56
BE09113C8666	97	970	860	150	150	66



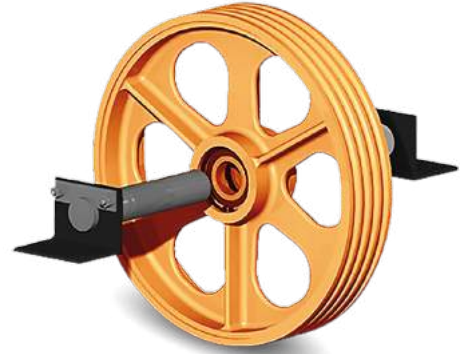
فلکه های هرزگرد

DEFLECTION PULLEY

بكرة التدوير



Order NO.	Rope Dia. (Rd)	D	Groove No. n	dh		Shaft Dia. (Sd)
	mm					
BE0611XXCX24	6	240	5-6-7-8	7	3	55
BE0611XXCX33	8	320	5-6-7-8	9	4	55
BE0611XX4X40	10	400	4	11	5	40
BE0611XX5X40	10	400	5	11	5	40
BE0611XX5X40	11	440	5	12	5	40
BE0611XXAX44	11	440	4-6	12	5	40
BE0611XXBX48	12	480	4-5-6-7-8	13	6	55
BE0611XXBX52	13	520	4-5-6-7-8	14	6.5	55



سایر سایزهای فلکه های هرزگرد به سفارش مشتری و در کمترین زمان ممکن قابل تحویل می باشد.

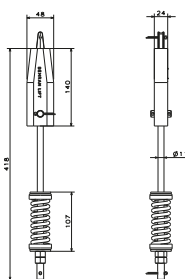
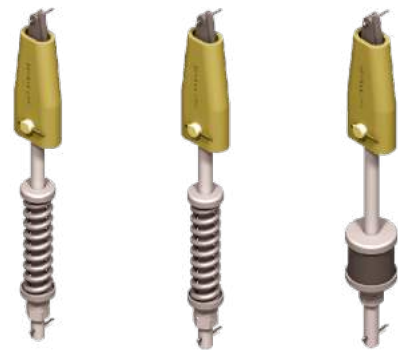
We provide you other size of deflection pulley as soon as possible

نحن نقدم لك حجج آخر من بكرة الانحراف في أسرع وقت ممكن

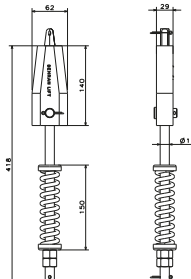
قلاب سر بکسل (مدل فورج) WIRE ROPE HOLDER

خطاف (مودیل فورج)

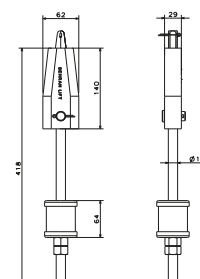
ORDER NO.	Wire Rope Dia. (mm)				Bolt Diameter	Nominal Weight (Kg)	Max. Weight (Kg)
	6	8	10	11			
BE20410608F1	✓	✓	-	-	M12	3000	4000
BE20411011F1	-	-	✓	✓	M16	6000	7700
BE20411011F2	-	-	✓	✓	M16	6000	7700



BE20410608F1



BE20411011F1

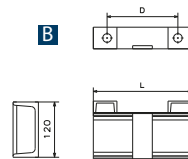
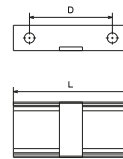
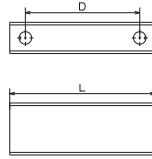
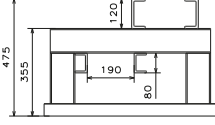
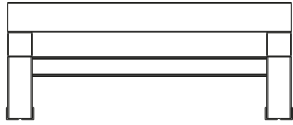
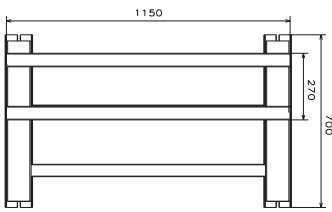


BE20411011F2

MACHINE FRAME

پایه موتور گیربکس

قاعدة محرك علبة السرعة



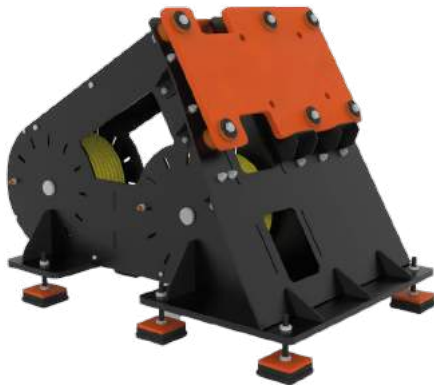
Order No.	Gearbox	Drawing Type	L (mm)	D (mm)
BE10201A1XXX	Behran BL240	A	280	220
BE10201A2XXX	Behran BL260	A	280	225
BE10201A3XXX	Behran BL280	A	360	280
BE10201GEXXX	GEM	A	250	180
BE10201SLXXX	SASSI LEO	B	250	150
BE10201SJXXX	SASSI JEKO	B	250	150
BE10201SMXXX	SASSIMF48	B	300	230
BE10201MOXXX	Montanari	B	280	220
BE10201SIXXX	Sicor (Elecomp)	C	245	180

پایه موتور گیرلس زیلاگ مدل

ZIEHL-ABEGG GEARLESS MACHINE FRAME

قاعدة موتور (gearless) بلا مسننات

Order No.	Product
BE10201ZIXXX	sam-machine-frame-product



کفشک غلطکی

ROLLER GUIDE SHOES

بكرة توجيه



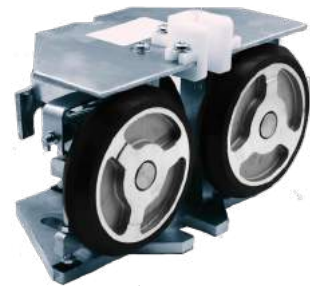
Order No. CC 08B1250010



Order No. CC 08A1250010



Order No. BE 08B19F0010



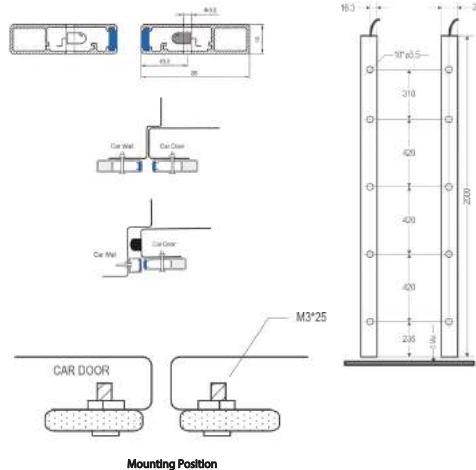
Order No. BE 08A19F0010

Roler Guide Shoes	Order Number	max. Nominal Speed		Allowable Gross Mass (kg)
		Cabin Side	CWT Side	
	BE08A19F0010	2.5 m/s	7.0m/s	1,600
	BE08B19F0010	4.0 m/s	7.0 m/s	2,000
	CC08A1250010	2.5 m/s	7.0 m/s	1,600
	CC08B1250010	4.0 m/s	7.0 m/s	2,000

فتوسل پرده ای

ELEVATOR CAR DOOR DETECTOR

خلية كهروضوئية



Elevator Car Door Detector -Model BL- B - 32

Order No.	BE 9041320000
Number of Infrared Diodes	32
Supply Voltage	24V DC
Mechanical Dimensions	10*38*2000 mm
Operating Temperature	- 20 c ~ + 65 c
Detection Height	20 ~ + 1841mm
Scanning Beams	128 Beams
Protection Level	IP54
Detection Range	0 ~ 4m

TRAVELING CABLE

تراول کابل

کابل انتقال

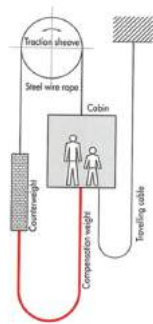


Order No.	Description
BE901240000	24x0.75mm ²
BE901200000	20x0.75mm ²
BE901180000	18x0.75mm ²
BE901120000	12x0.75mm ²
BE9011803010	18x0.75mm ² + 3 x 1.5mm ² + 1 x 0.75PX2

COMPENSATION CHAINS

زنجرهای جبران

سلاسل المصعد



Balance Chains Apparatus



Order No.	type	Unite Weight (Kg/m)	External Diameter (mm)	Bending Diameter (mm)	Diameter of Link (mm)	Breaking Load (Kg)	Maximum Hange (mm)
BE0911100224	QL150	2.24± 0.20	32.0±2.3	610.0	7.8± 0.5	≥23.68	130
BE0911200298	QL200	2.98± 0.20	38.0±2.5	660.0	9.5± 0.5	≥29.97	160
BE0911300373	QL250	3.73± 0.20	42.0±2.5	660.0	10.0± 0.5	≥37.00	142
BE0911400447	QL300	4.47± 0.20	44.0±2.5	660.0	11.0± 0.5	≥44.70	153

بست تراول کابل (OS)

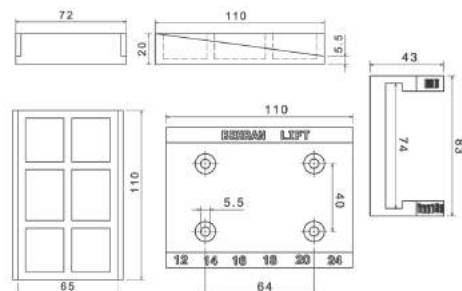
TRAVELING CABLE BRACKET(OS)

سنادة کابل النقل (OS)



Order No.

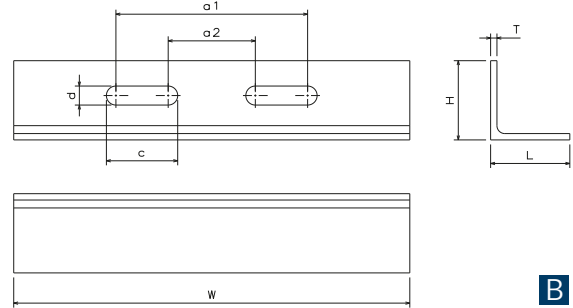
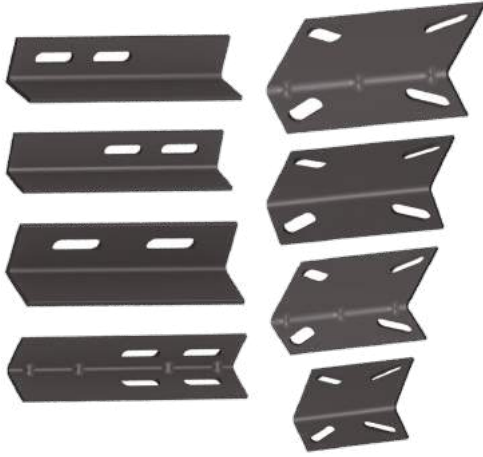
BE 9021000000



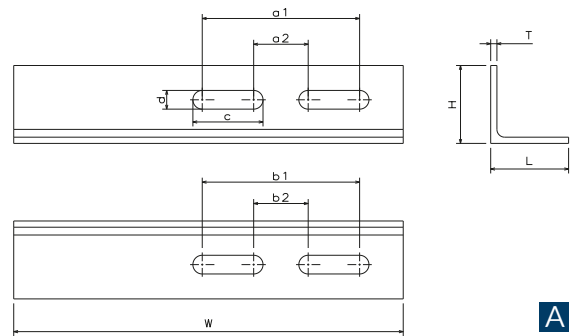
براکت های ریل

GUIDE RAIL BRACKETS

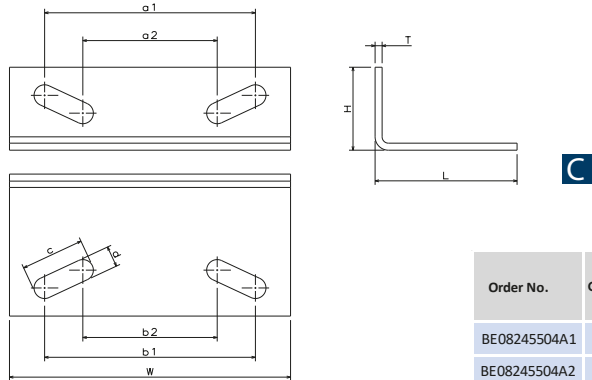
معقف السكة



B



A



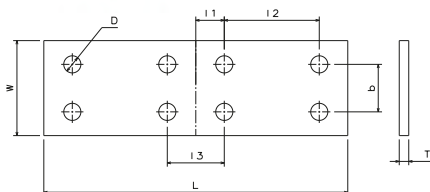
C

Order No.	Guide Rails	Dimension (mm)										Drawing Type
		T	W	L	H	d	c	a1	a2	b1	b2	
BE08245504A1	T45,T50	5	250	50	50	12.5	45	100	35	-	-	A
BE08245504A2	T45,T50	5	250	50	50	12.5	45	-	-	100	35	A
BE08245504A3	T45,T50	5	250	50	50	12.5	45	100	35	100	35	A
BE08270754B1	T70,T75	5	250	50	50	12.5	45	100	35	-	-	B
BE08270754C1	T70,T75	4	150	100	60	12.5	45	114	55	114	55	C
BE08270755C2	T70,T75	5	150	100	60	12.5	45	114	55	114	55	C
BE08289904C3	T89,T90	4	200	100	60	15	45	150	96	150	96	C
BE08289905C4	T89,T90	5	200	100	60	15	45	150	96	150	96	C

پشت بند ریل

FISH PLATES

حزام السكة



Order No.	Guide Rails /iso	Dimension (mm)								Screw Size
		T	L	W	D	I1	I2	I3	b	
BE08545XX2XX	T45	5	160	50	9	15	50	30	25	M8
BE08550XX2XX	T50	5	180	50	9	25	50	50	30	M8
BE08570XX2XX	T70 / A&B T75 / A&B	8	250	70	13	25	80	50	42	M12
BE08590XX2XX	T89 / A&B T90 / A&B	10	280	90	13	38.1	76.2	76.2	57.2	M12

براکت ریل ترکیبی

CONNECTIVE RAIL BRACKET

مربط سكة ترکیبی

- حذف عملیات جوشکاری روی ریل
- دارای قابلیت تعویض آسان در صورت بروز مشکل
- افزایش دقت در نصب با توجه به ترکیبی بودن براکت ها
- کنترل بهتر ریل
- افزایش استحکام



- No need for welding operation on elevator guide rails.
- Easy to replace in case of failure
- Higher accuracy in installation
- Providing higher control over guide rail operation
- More strength

- الغاء عمليات اللحام على السكة
- يتملك قابلية التبديل السهل عند ظهور المشكلات
- رفع نسبة الدقة عند التركيب بسبب تراكبية المرابط
- التحكم الأفضل بالسكة
- رفع مستوى المتانة و الثبات



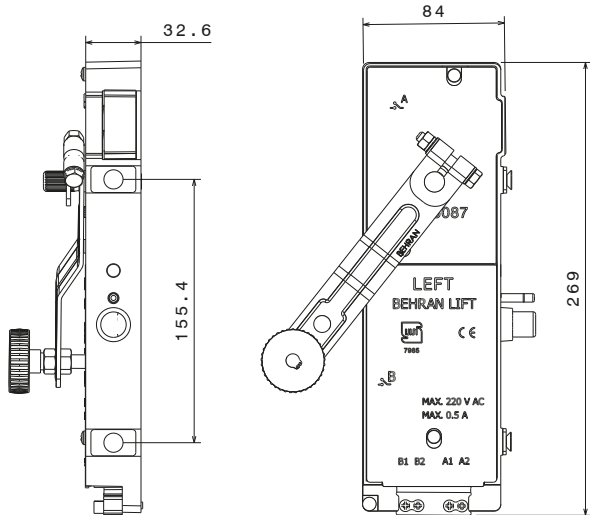
Order No.	Product
BE08AL050XAB	AB-L50
BE08AL150XAB	AB-L150
BE08AJOLFXXX	JolfaBrackets
BE08A1702XCB	LGO-1702-CB
BE08A1702XCS	LGO-1702-CBS
BE08A1703XCB	LGO-1703-CB-a_s_sem
BE08AT090XNE	NE-cabin-T90-02
BE08ACWXXXNE	NE-CW
BE08ASCCWXNE	NE-suspit-C-CW



قفل درب لولایی

SWING DOOR LOCK

قفل باب مفصلي



Order Number	Side
BE05GARXXXXX	Right
BE05GALXXXXX	Left

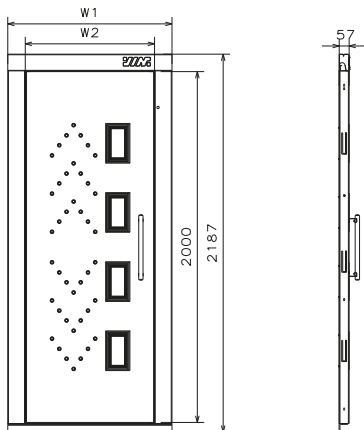
1.000.000 تست ضربه ای
 1.000.000 impact test
 1.000.000 تاثیر اختبار



درب لولایی

SWING DOOR

باب مفصلي



BW120 series

Order Number	Opening		Dimension (mm)	
	Size / Side		W1	W2
BE051AR170XX	70	Right	950	700
BE051AL170XX		Left		
BE051AR180XX	80	Right	1050	800
BE051AL180XX		Left		
BE051AR190XX	90	Right	1150	900
BE051AL190XX		Left		

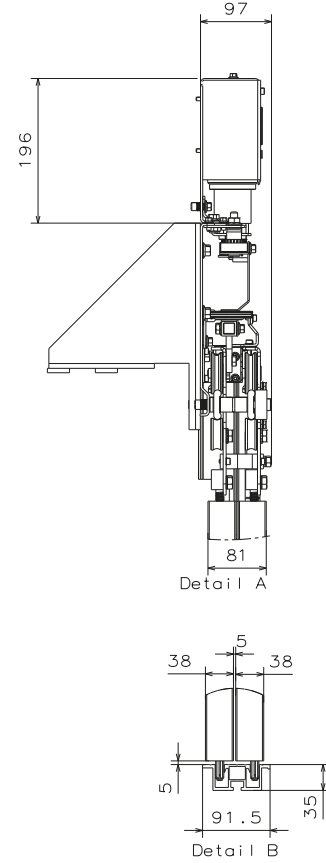
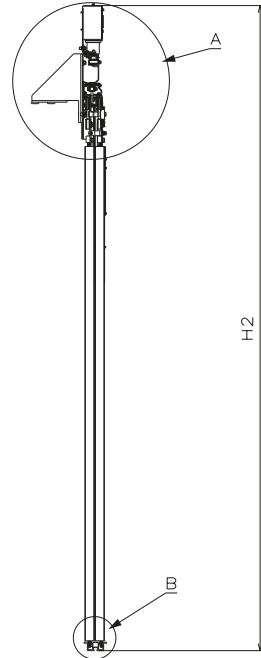
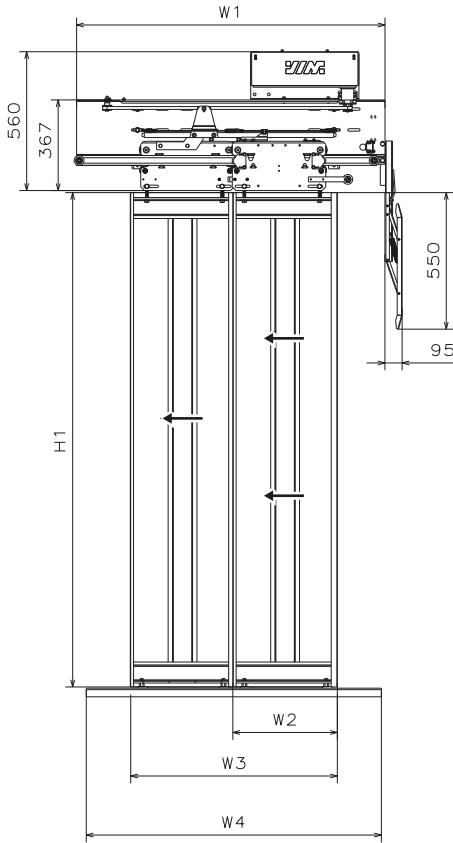


در رنگهای کرم چرمی و مسی چکشی تولید می شود
 Hammer is produced in cream leather and copper colors
 يتم انتاجه بألوان الكريم الجلدي و النحاسي

درب کابین نیمه اتوماتیک - ۲ لته

SEMI-AUTOMATIC CABIN DOOR-2 PANELS

باب الكابينة نصف اتوماتيكي - ۲ درفة



BN700 series

Order Number	Panels	Opening		Dimension (mm)				H1	H2
		Size / Side	W1	W2	W3	W4			
BE053AR270XX	2	70	Right	1104	375	700	1050	2010	2623
BE053AL270XX			Left						
BE053AR271XX		Right							
BE053AL271XX		Left							
BE053AR272XX		Right							
BE053AL272XX		Left							
BE053AR280XX	2	80	Right	1254	425	800	1200	2010	2623
BE053AL280XX			Left						
BE053AR281XX		Right							
BE053AL281XX		Left							
BE053AR282XX		Right							
BE053AL282XX		Left							
BE053AR290XX	2	90	Right	1405	475	900	1350	2010	2623
BE053AL290XX			Left						
BE053AR291XX		Right							
BE053AL291XX		Left							
BE053AR292XX		Right							
BE053AL292XX		Left							

انتخاب رنگ، جنس لته ها و چهارچوب (شیشه ای، روکش استیل و...) توسط مشتری امکان پذیر است

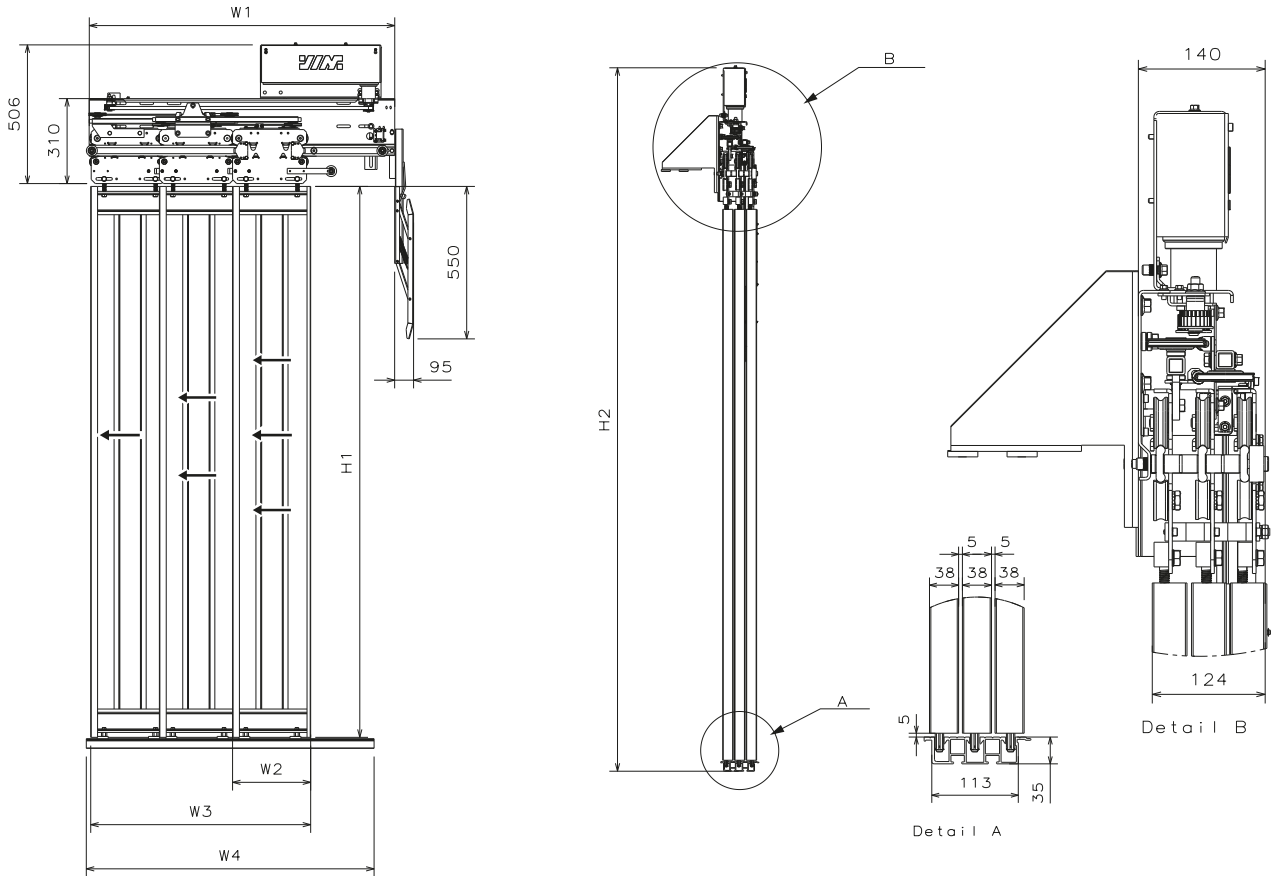
It is possible for the customer to choose the color and material of the Panels and frame (glass, steel coating, etc.)

يمكن للزبون اختيار اللون، نوع الدرقة و الفريم (زجاجي، غلاف استيل و...)

درب کابین نیمه اتوماتیک - ۳ لته

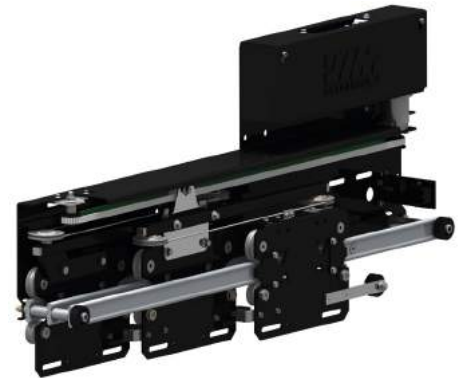
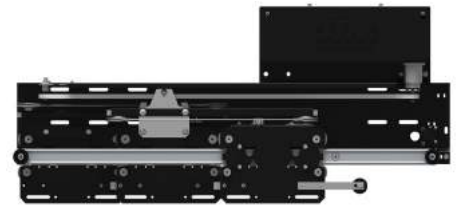
SEMI-AUTOMATIC CABIN DOOR-3 PANELS

باب الكابينة نصف اتوماتيكي - ۳ درفة



BN750 series

Order Number	Panels	Opening		Dimension (mm)					
				Size / Side	W1	W2	W3	W4	H1
BE053AR380XX	3	80	Right	1115	285	800	1050	2010	2566
BE053AL380XX			Left					2110	2666
BE053AR381XX		Right	2210					2766	
BE053AL381XX		Left							
BE053AR382XX		Right							
BE053AL382XX		Left							
BE053AR390XX	90	90	Right	1250	325	900	1200	2010	2566
BE053AL390XX			Left					2110	2666
BE053AR391XX		Right	2210					2766	
BE053AL391XX		Left							
BE053AR392XX		Right							
BE053AL392XX		Left							

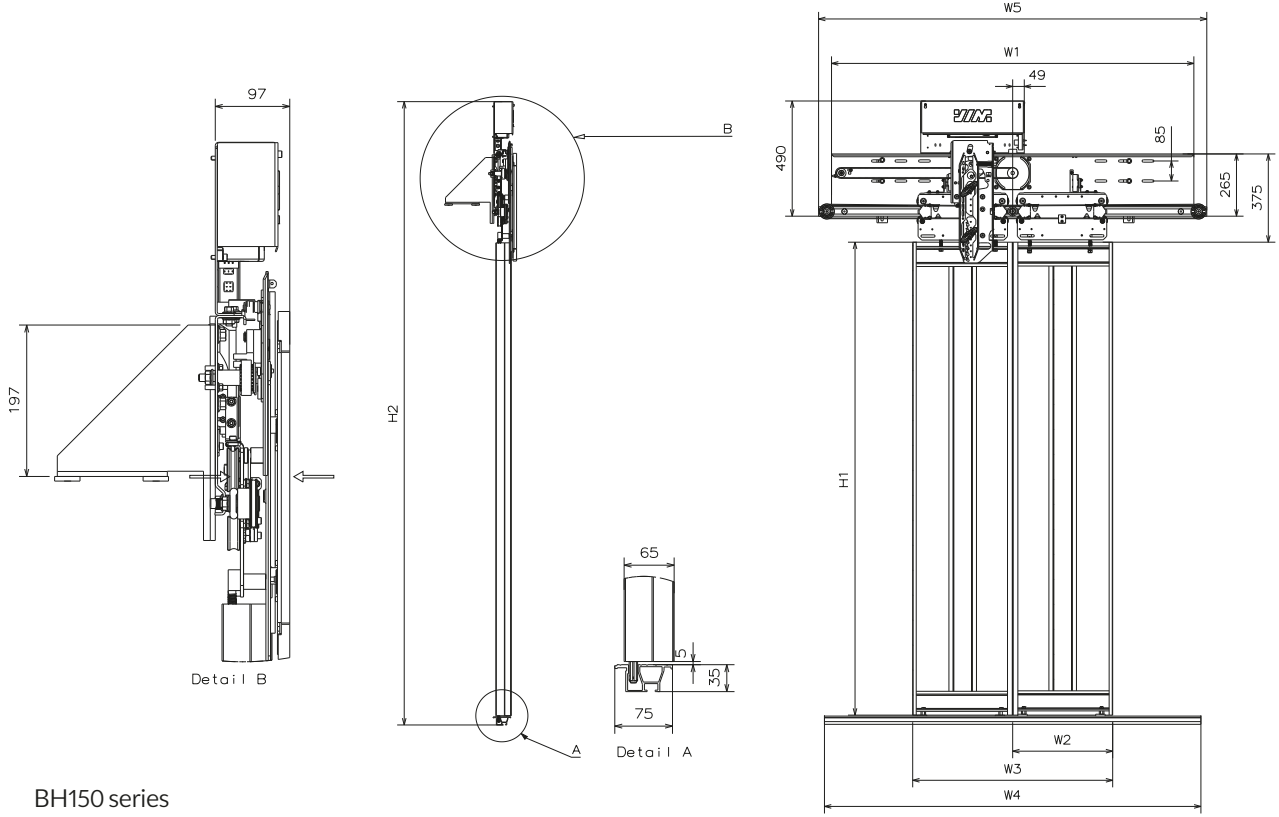


انتخاب رنگ، جنس لته ها و چهارچوب (شیشه ای، روکش استیل و...) توسط مشتری امکان پذیر است
 It is possible for the customer to choose the color and material of the Panels and frame (glass, steel coating, etc.)
 يمكن للزبون اختيار اللون، نوع الدرفة و الفريم (زجاجي، غلاف استیل و...)

درب کابین تمام اتوماتیک سنترال - ۲ لته

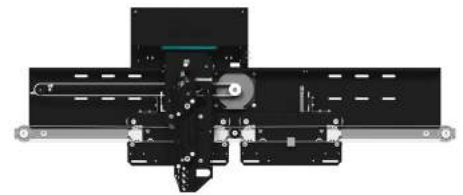
AUTOMATIC CENTRAL Cabin DOOR-2 PANELS

باب کابینه اتوماتیکی سنترال - ۲ درفة



BH150 series

Order Number	Panels	Opening Size	Dimension (mm)						
			W1	W2	W3	W4	W5	H1	H2
BE055AC270XX	2	70	1220	375	750	1400	1450	2010	2650
BE055AC271XX								2110	2750
BE055AC272XX								2210	2850
BE055AC280XX								2010	2650
BE055AC281XX								2110	2750
BE055AC282XX								2210	2850
BE055AC290XX		90	1540	475	950	1800	1850	2010	2650
BE055AC291XX								2110	2750
BE055AC292XX								2210	2850
BE055AC2A0XX								2010	2650
BE055AC2A1XX		100	1900	525	1050	2000	2050	2110	2750
BE055AC2A2XX								2210	2850
BE055AC2B0XX								2010	2650
BE055AC2B1XX								2110	2750
BE055AC2B2XX		110	1900	575	1150	2200	2250	2210	2850
BE055AC2C0XX								2010	2650
BE055AC2C1XX								2110	2750
BE055AC2C2XX								2210	2850
BE055AC2D0XX		120	2280	625	1250	2400	2450	2010	2650
BE055AC2D1XX								2110	2750
BE055AC2D2XX	2210							2850	
BE055AC2D0XX	2010							2650	
BE055AC2D1XX	130	2280	675	1350	2600	2650	2110	2750	
BE055AC2D2XX							2210	2850	

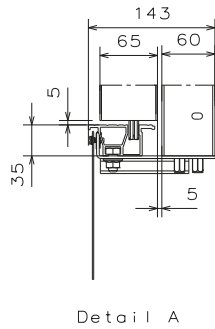


انتخاب رنگ، جنس لته ها و چهارچوب (شیشه ای، روکش استیل و...) توسط مشتری امکان پذیر است
 It is possible for the customer to choose the color and material of the Panels and frame (glass, steel coating, etc.)
 يمكن للزبون اختيار اللون، نوع الدرفة و الفريم (زجاجي، غلاف استیل و...)

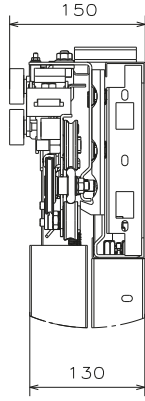
درب طبقه تمام اتوماتیک سنترال - ۲ لته

Automatic Central Landing Door- 2 Panels

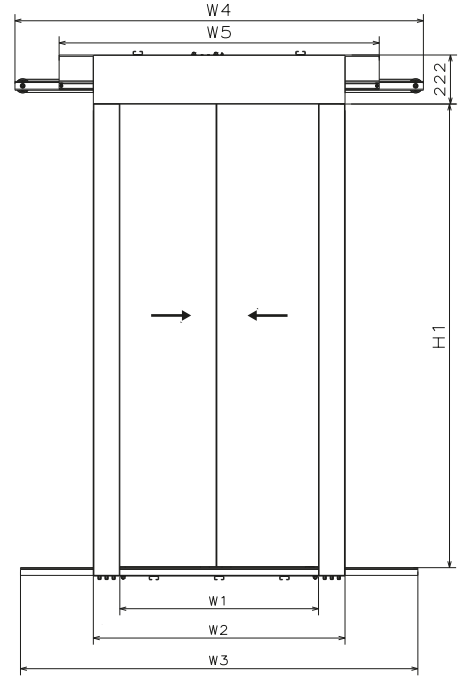
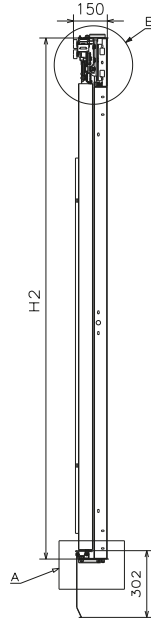
باب طبقه اتوماتيكي سنترال - ۲ درفة



Detail A



Detail B



BZ100 series

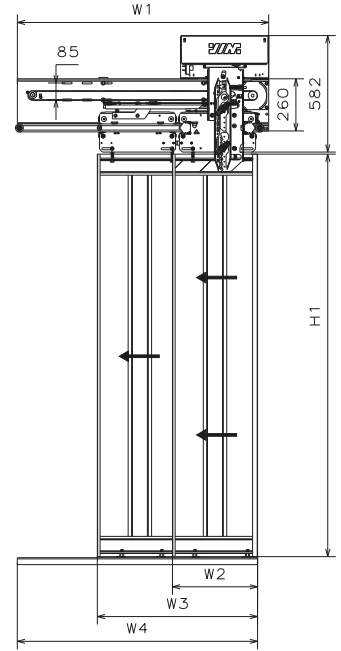
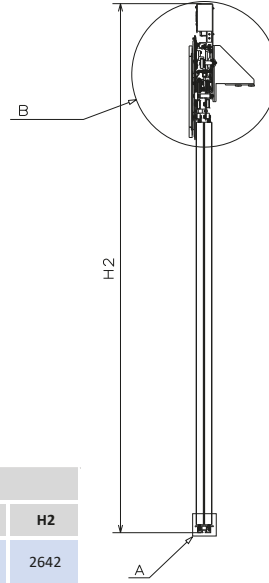
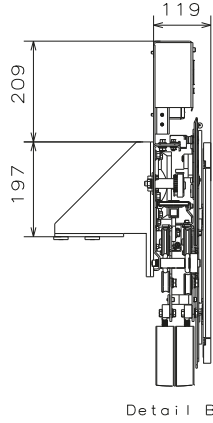
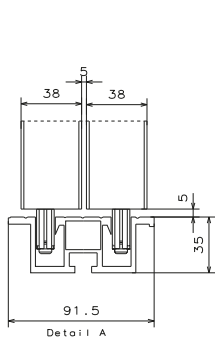
Order Number	Panels	Opening Size	Dimension (mm)						H1	H2
			W1	W2	W3	W4	W5			
BE054AC270XX	2	70	700	940	1400	1450	1220	2000	2260	
BE054AC271XX								2100	2360	
BE054AC272XX								2200	2460	
BE054AC280XX								2000	2260	
BE054AC281XX								2100	2360	
BE054AC282XX								2200	2460	
BE054AC290XX		90	900	1140	1800	1850	1450	2000	2260	
BE054AC291XX								2100	2360	
BE054AC292XX								2200	2460	
BE054AC2A0XX								2000	2260	
BE054AC2A1XX		100	1000	1240	2000	2050	1900	2100	2360	
BE054AC2A2XX								2200	2460	
BE054AC2B0XX								2000	2260	
BE054AC2B1XX								2100	2360	
BE054AC2B2XX								2200	2460	
BE054AC2C0XX								2000	2260	
BE054AC2C1XX		120	1200	1440	2400	2450	2280	2100	2360	
BE054AC2C2XX								2200	2460	
BE054AC2D0XX								2000	2260	
BE054AC2D1XX								2100	2360	
BE054AC2D2XX	130	1300	1550	2600	2650	2280	2200	2460		
BE054AC2D2XX							2000	2260		

انتخاب رنگ، جنس لته ها و چهارچوب (شیشه ای، روکش استیل و...) توسط مشتری امکان پذیر است (coating, etc.)
It is possible for the customer to choose the color and material of the Panels and frame (glass, steel coating, etc.)
يمكن للزبون اختيار اللون، نوع الدرفة و الفريم (زجاجي، غلاف استیل و...)

درب کابین تمام اتوماتیک تلسکوپی - ۲ لته

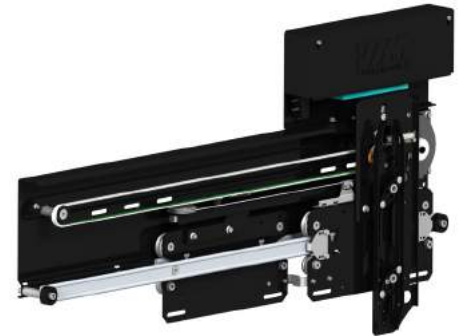
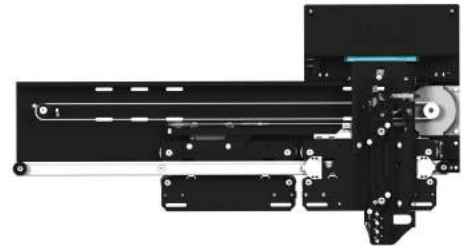
AUTOMATIC TELESCOPIC CABIN DOOR-2 PANELS

باب کابینه اتوماتیکی تلسکوپی-۲ درفة



BH550 series

Order Number	Panels	Opening		Dimension (mm)					
				Size / Side	W1	W2	W3	W4	H1
BE057AR270XX	2	70	Right	1105	375	700	1050	2010	2642
BE057AL270XX			Left					2110	2742
BE057AR271XX			Right					2210	2842
BE057AL271XX			Left						
BE057AR272XX		Right	2010	2642					
BE057AL272XX		Left			2110	2742			
BE057AR280XX		Right					2210	2842	
BE057AL280XX		Left							
BE057AR281XX		Right	1255	425	800	1200	2010	2642	
BE057AL281XX		Left					2110	2742	
BE057AR282XX		Right					2210	2842	
BE057AL282XX		Left							
BE057AR290XX		Right	1355	475	900	1350	2010	2642	
BE057AL290XX		Left					2110	2742	
BE057AR291XX		Right					2210	2842	
BE057AL291XX		Left							
BE057AR292XX		Right	2010	2642					
BE057AL292XX		Left			2110	2742			
BE057AR2A0XX		Right					2210	2842	
BE057AL2A0XX		Left							
BE057AR2A1XX		Right	1555	525	1000	1500	2010	2642	
BE057AL2A1XX		Left					2110	2742	
BE057AR2A2XX		Right					2210	2842	
BE057AL2A2XX		Left							
BE057AR2B0XX	Right	1705	575	1100	1650	2010	2642		
BE057AL2B0XX	Left					2110	2742		
BE057AR2B1XX	Right					2210	2842		
BE057AL2B1XX	Left								
BE057AR2B2XX	Right	2010	2642						
BE057AL2B2XX	Left			2110	2742				
BE057AR2C0XX	Right					2210	2842		
BE057AL2C0XX	Left								
BE057AR2C1XX	Right	1855	625	1200	1800	2010	2642		
BE057AL2C1XX	Left					2110	2742		
BE057AR2C2XX	Right					2210	2842		
BE057AL2C2XX	Left								
BE057AR2D0XX	Right	1995	675	1300	1950	2010	2642		
BE057AL2D0XX	Left					2110	2742		
BE057AR2D1XX	Right					2210	2842		
BE057AL2D1XX	Left								
BE057AR2D2XX	Right	2210	2842						
BE057AL2D2XX	Left								



انتخاب رنگ، جنس لته ها و چهارچوب (شیشه ای، روکش استیل و...) توسط مشتری امکان پذیر است

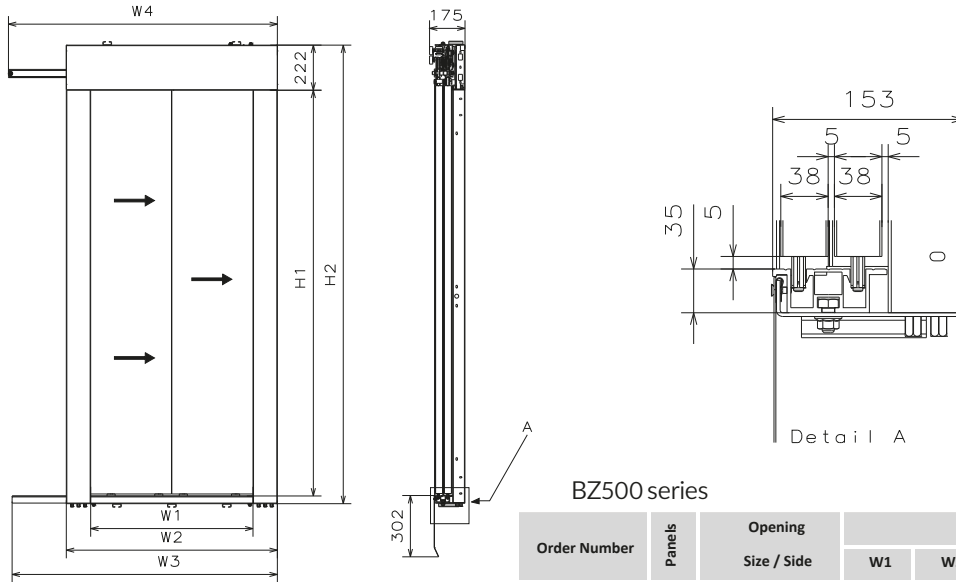
It is possible for the customer to choose the color and material of the Panels and frame (glass, steel coating, etc.)

يمكن للزبون اختيار اللون و نوع الدرقة و الفريم (زجاجي، غلاف استیل و...)

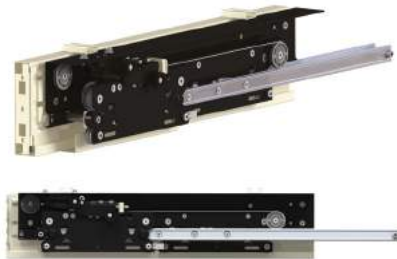
درب طبقه تمام اتوماتیک تلسکوپی - ۲ لته

AUTOMATIC TELESCOPIC LANDING DOOR-2 PANELS

باب طبقه اتوماتیکی تلسکوپی - ۲ درفة



BZ500 series



Order Number	Panels	Opening Size / Side	Dimension (mm)					
			W1	W2	W3	W4	H1	H2
BE056AR270XX	70	Right	700	940	1158	1176	2000	2260
BE056AL270XX		Left						
BE056AR271XX	70	Right	700	940	1158	1176	2100	2360
BE056AL271XX		Left						
BE056AR272XX	70	Right	700	940	1158	1176	2200	2460
BE056AL272XX		Left						
BE056AR280XX	80	Right	800	1040	1308	1326	2000	2260
BE056AL280XX		Left						
BE056AR281XX	80	Right	800	1040	1308	1326	2100	2360
BE056AL281XX		Left						
BE056AR282XX	80	Right	800	1040	1308	1326	2200	2460
BE056AL282XX		Left						
BE056AR290XX	90	Right	900	1140	1458	1476	2000	2260
BE056AL290XX		Left						
BE056AR291XX	90	Right	900	1140	1458	1476	2100	2360
BE056AL291XX		Left						
BE056AR292XX	90	Right	900	1140	1458	1476	2200	2460
BE056AL292XX		Left						
BE056AR2A0XX	100	Right	1000	1240	1608	1626	2000	2260
BE056AL2A0XX		Left						
BE056AR2A1XX	100	Right	1000	1240	1608	1626	2100	2360
BE056AL2A1XX		Left						
BE056AR2A2XX	100	Right	1000	1240	1608	1626	2200	2460
BE056AL2A2XX		Left						
BE056AR2B0XX	110	Right	1100	1340	1758	1776	2000	2260
BE056AL2B0XX		Left						
BE056AR2B1XX	110	Right	1100	1340	1758	1776	2100	2360
BE056AL2B1XX		Left						
BE056AR2B2XX	110	Right	1100	1340	1758	1776	2200	2460
BE056AL2B2XX		Left						
BE056AR2C0XX	120	Right	1200	1440	1908	1926	2000	2260
BE056AL2C0XX		Left						
BE056AR2C1XX	120	Right	1200	1440	1908	1926	2100	2360
BE056AL2C1XX		Left						
BE056AR2C2XX	120	Right	1200	1440	1908	1926	2200	2460
BE056AL2C2XX		Left						
BE056AR2D0XX	130	Right	1300	1540	2070	2076	2000	2260
BE056AL2D0XX		Left						
BE056AR2D1XX	130	Right	1300	1540	2070	2076	2100	2360
BE056AL2D1XX		Left						
BE056AR2D2XX	130	Right	1300	1540	2070	2076	2200	2460
BE056AL2D2XX		Left						

انتخاب رنگ، جنس لته ها و چهارچوب (شیشه ای، روکش استیل و...) توسط مشتری امکان پذیر است
 It is possible for the customer to choose the color and material of the Panels and frame (glass, steel coating, etc.)
 يمكن للزبون اختيار اللون، نوع الدرقة و الفريم (زجاجي، غلاف استيل و ...)

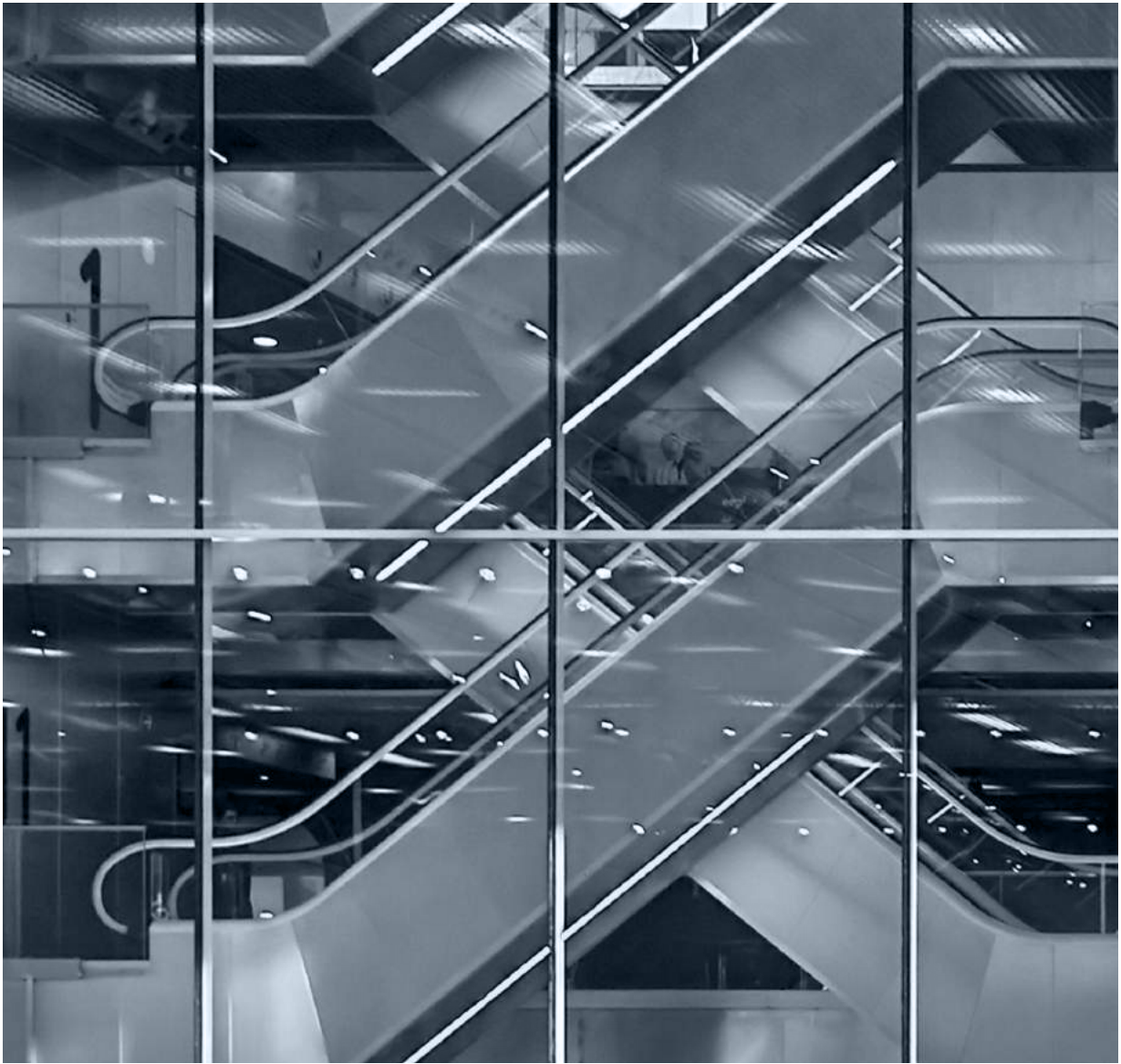


درب های شیشه ای آسانسور
ELEVATOR GLASSDOORS
الأبواب الزجاجية للمصعد

این محصول بصورت سفارشی تولید می شود و مشتری میتواند سایز، نوع جنس و رنگ را متناسب با نیاز خود سفارش دهد.

This product is custom made and the customer can order the size, type of material and color

يتم انتاج هذا النوع حسب الطلب و عند التوصية و يمكن للزبون ان يحدد الحجم و النوع و اللون الذي يناسبه



يتم إنتاج السلالم الكهربائية في ١٠٠ شركة بارتفاعات وتصاميم مختلفة و بعرض ٦٠، ٨٠ و ١٠٠ سانتيمتر و بزوايا ٣٥ و ٣٠ درجة تم ادخال أحدث التكنولوجيا إلى هذه المنتجات.

يتم أيضا تصنيع المعابر المتحركة (أرصفة متحركة) بزوايا مختلفة ١٠، ١١ و ١٢ درجة و بعرض ٨٠ و ١٠٠ سانتيمتر و ارفصة متحركة بزوايا ١٠٠، ٨٠، ١٢٠ و ١٤٠ سانتيمتر.

يمكن استخدام الأرصفة المتحركة و السلالم الكهربائية من شركة بهران في الحالات العادية او في الظروف الشديدة الازدحام في المشاريع ذات المساحات المفتوحة او المساحات المغلقة او نصف المغلقة

escalators are produced in different heights and designs with widths of 60, 80 and 100 cm with angles of 30 and 35 degrees . These products include the latest technologies in the escalator industry.

Behran moving autowalks are also offered to the market in different angles of 10 , 11 and 12 degrees. Autowalks have widths of 80 and 100 cm and autowalks with zero degree angle have widths of 80, 100, 120 and 140 centimeters.

Behran escalators and moving autowalks can be used in both normal and full traffic modes in indoor and outdoor environments.

پله برقی های در ارتفاع و طرح های مختلف با عرض ٦٠ و ٨٠ و ١٠٠ سانتی متر و بزوايا ٣٥ و ٣٠ درجه هـ د می گردند. در این محصولات سا بین فناوری ها در صنعت پله تولید آخر

برقی لحاظ شده است.

پياده روهای متحرک بهران نیز در زواياي مختلف به بازار عرضه می شوند. پياده روهای ١٠، ١١ و ١٢ درجه دارای عرض های ٨٠ و ١٠٠ سانتی متر می باشند و پياده روهای با زاويه صفر درجه دارای عرض های ٨٠، ١٠٠، ١٢٠ و ١٤٠ سانتی متر هستند.

از پله برقی ها و پياده روهای متحرک بهران می توان در دو حالت معمولی و ترافیک در پروژه های فضای باز، استفاده کرد. این محصولات در نیمه سرپوشیده

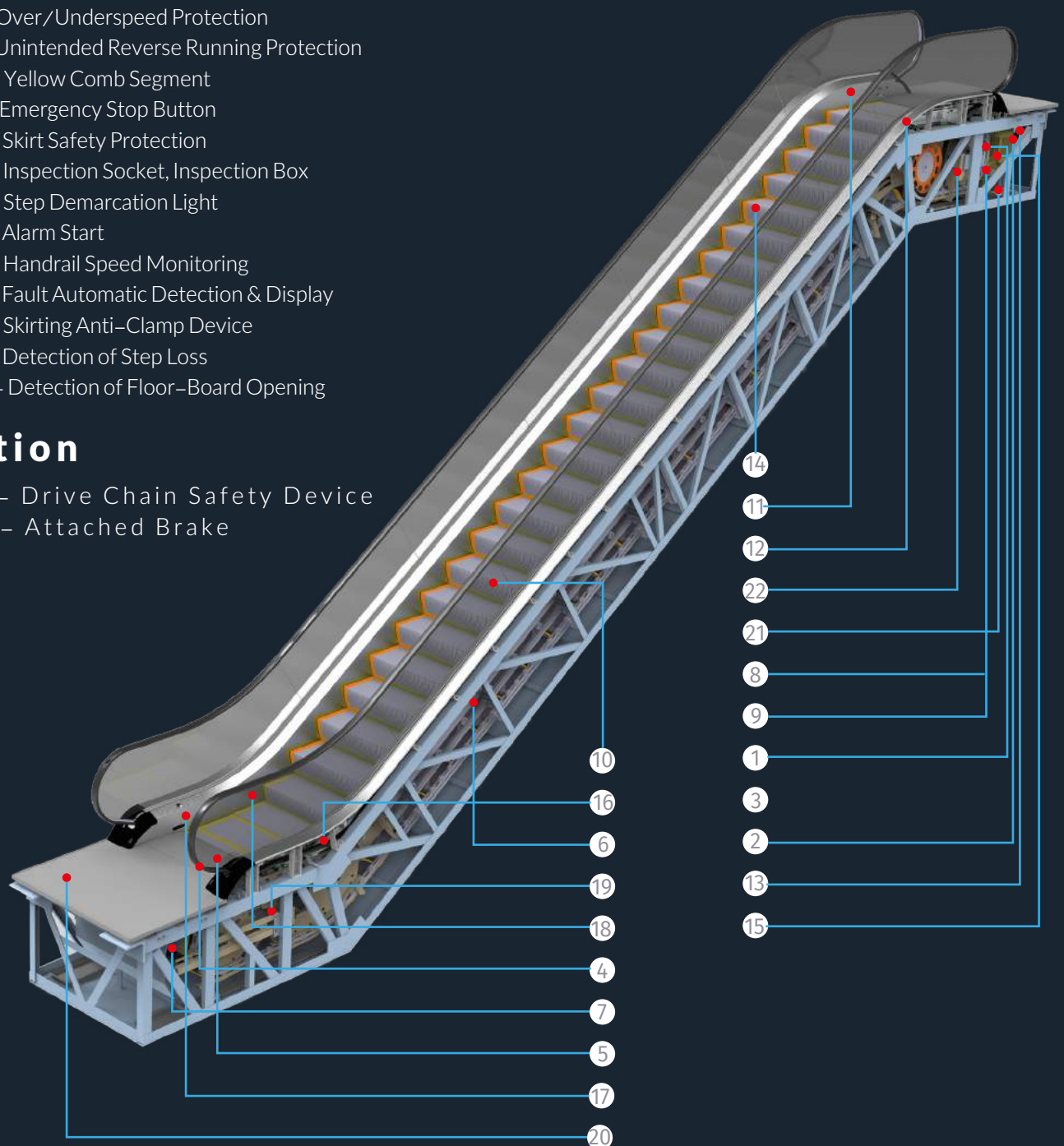
ESCALATOR

Standard

- 1- Phase Fault Protection
- 2- Motor Overload Protection
- 3- Electrical Circuit Protection
- 4- Handrail Entry Protection
- 5- comb Teeth Obstruction Device
- 6- Step Sagging Guard and Roller Rapture Protection
- 7- Broken step-Chain Device
- 8- Over/Underspeed Protection
- 9- Unintended Reverse Running Protection
- 10- Yellow Comb Segment
- 11- Emergency Stop Button
- 12- Skirt Safety Protection
- 13- Inspection Socket, Inspection Box
- 14- Step Demarcation Light
- 15- Alarm Start
- 16- Handrail Speed Monitoring
- 17- Fault Automatic Detection & Display
- 18- Skirting Anti-Clamp Device
- 19- Detection of Step Loss
- 20- Detection of Floor-Board Opening

Option

- 21- Drive Chain Safety Device
- 22- Attached Brake



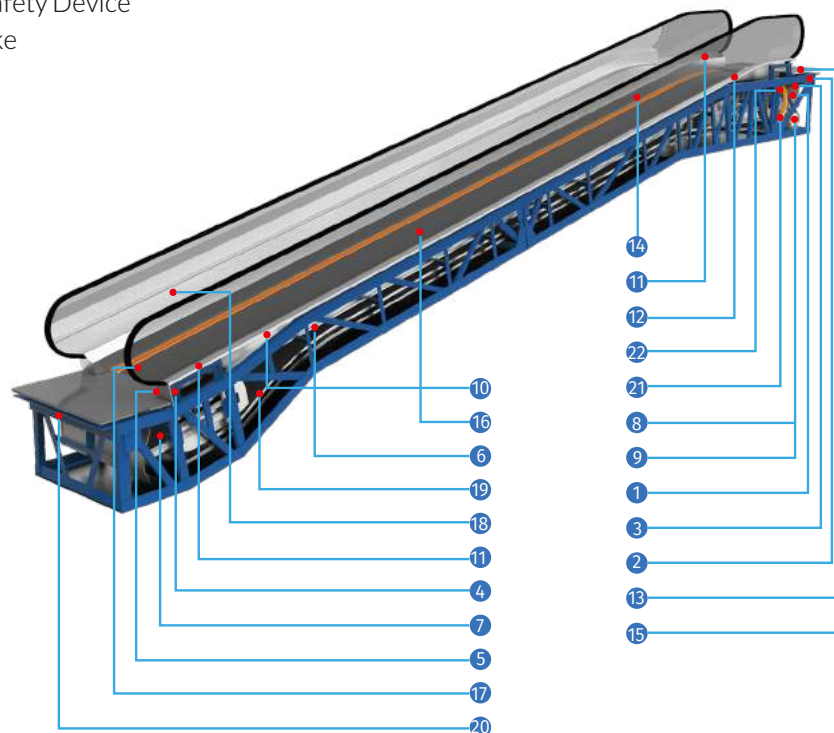
AUTOWALK

Standard

- 1- Phase Fault Protection
- 2- Motor Overload Protection
- 3- Electrical Circuit Protection
- 4- Handrail Entry Protection
- 5- comb Teeth Obstruction Device
- 6- Step Sagging Guard and Roller Rapture Protection
- 7- Broken step-Chain Device
- 8- Over/Underspeed Protection
- 9- Unintended Reverse Running Protection
- 10- Yellow Comb Segment
- 11- Emergency Stop Button
- 12- Skirt Safety Protection
- 13- Inspection Socket, Inspection Box
- 14- Step Demarcation Light
- 15- Alarm Start
- 16- Handrail Speed Monitoring
- 17- Fault Automatic Detection & Display
- 18- Skirting Anti-Clamp Device
- 19- Detection of Step Loss
- 20- Detection of Floor-Board Opening

Option

- 21- Drive Chain Safety Device
- 22- Attached Brake



ESCALATORS



حمل و نقل مردم در آسایش

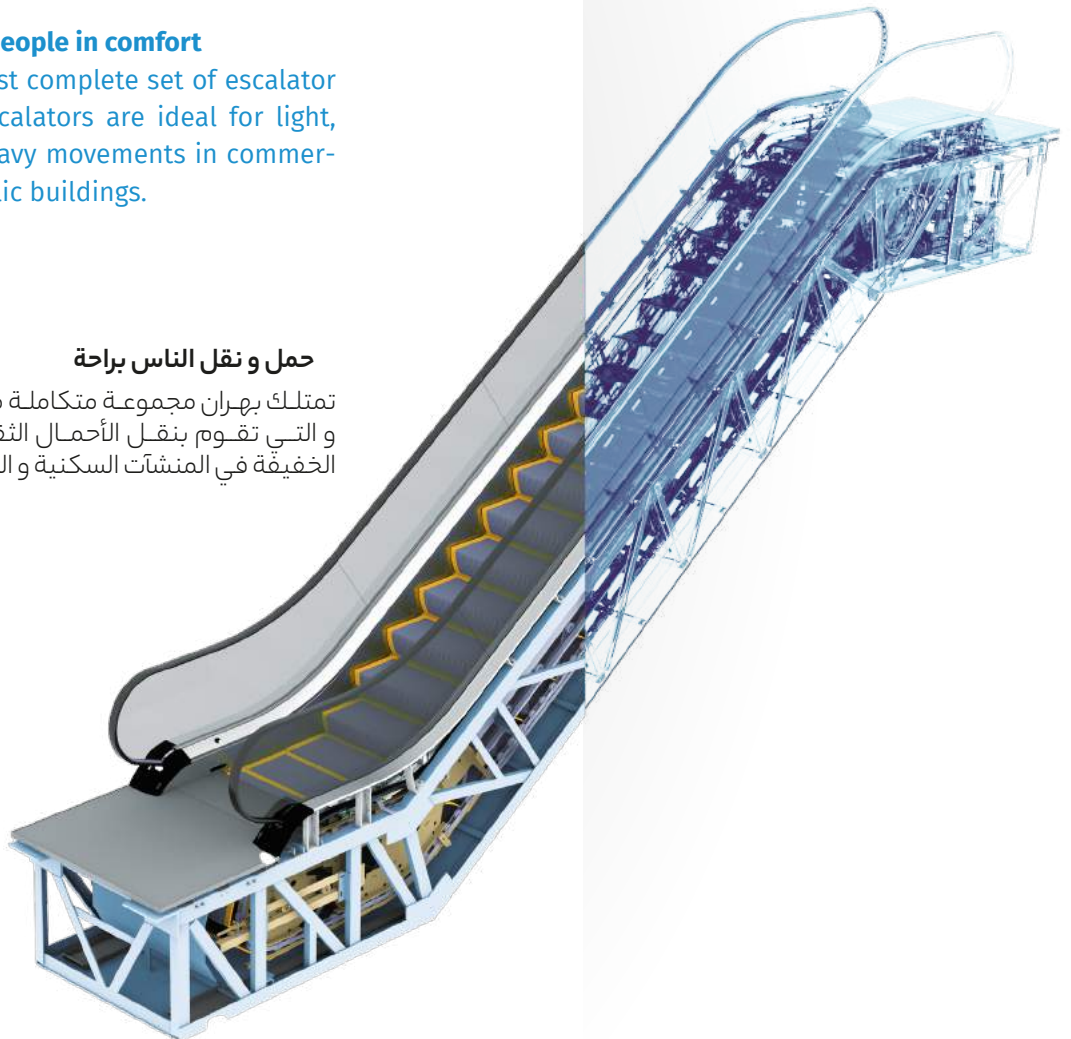
بهران، کامل ترین مجموعه مدل های پله برقی را در اختیار دارد. پله برقی های بهران، برای جابجایی های سبک، سنگین و فوق سنگین در ساختمان های تجاری، اداری و عمومی، ایده آل هستند.

Transportation of people in comfort

Behran has the most complete set of escalator models. Behran escalators are ideal for light, heavy and ultra-heavy movements in commercial, office and public buildings.

حمل و نقل الناس براحة

تمتلك بهران مجموعة متكاملة من السلالم الكهربائية والتي تقوم بنقل الأحمال الثقيلة و فوق الثقيلة و الخفيفة في المنشآت السكنية و التجارية و الإدارية



- جاري عائلة السلالم الكهربائية
- ◆ الحمل و النقل الت
 - ◆ الحمل و النقل المزدحم
 - ◆ الحمل و النقل شديد الأزدحام
- اماكن العمليات
- ◆ المساحات المفتوحة
 - ◆ المساحات المغلقة

التجاري (Supreme Transit)

تم تصميم هذا النوع من السلالم الكهربائية طبقا لمكان الاستخدام و ظروف الاستعمال و طبق فترة استخدام ١٢ الى ١٦ ساعة حتى يكون بجانب كونه اقتصاديا متمكنا من نقل الأشخاص في المراكز التجارية. هذا النوع من السلالم الكهربائية و بسبب المساحات المحدودة في المراكز التجارية يكون غالبا بزوايه ٣٥ درجة و يمكن انتاجه بزوايه ٣٥ ايضا. بسبب اهمية الجمالية في هذا النوع من السلالم فإن الدرابزون الخاص به صنع من الزجاج الحراري بسماكة ١٥ ميليمتر

اجهاد عالي (MASSTRANSIT)

حيث ان فترة الاستخدام تقارب ال ٢٥ ساعة يوميا و بشكل متواصل. بسبب اهمية هذا النوع فيتم استخدامه غالبا في خطوط مترو الانفاق و يكون الدرابزون الخاص به من الاستيل و اما في المطارات فيكون درابزونه من نوع الزجاج و ذلك بسبب الأهمية الجمالية للمطارات. هذا النوع من السلالم و بسبب اهميته العملية تم تجهيزه بعلبة سرعة هيليكال

اجهاد كبير جدا (Mass plus transit)

هذا النوع من السلالم الكهربائية يستخدم لتحمل الأوزان الكبيرة جدا و لساعات عمل متواصلة ٢٤ ساعة او للاستعمال في الارتفاعات العالية ١٤ مترا وهو من نوع roller outside chain اي السلاسل الخارجية. هذا النوع من السلالم يستخدم فيه درابزون من الاستيل و يكون معامل الأمان الخاص بالسلسلة مساويا ل ٦ على الأقل. يصمم بزوايه ٣٥ ايضا

mass plus transit

Escalator Family: Supreme

- ◆ Transit Mass
- ◆ Transit Mass
- ◆ Transit Plus

Operating Environments:

- ◆ Indoor
- ◆ Outdoor

Supreme Transit (Commercial)

Due to their place of use and operating conditions, these types of escalators are designed based on a working interval of 12 to 16 hours, in addition to being cost-effective, to completely move people in commercial complexes. In this type of design, due to the small space in commercial complexes, it is mostly used at an angle of 35 degrees, but an angle of 30 degrees can also be produced. Due to the importance of beauty in this type of escalators, railings are made of heated glass with a thickness of 10 mm.

Mass Transit (Heavy Duty)

These types of escalators are designed for higher capacity and workload than the supreme type, so that they can work continuously for up to 20 hours a day. Due to the importance and high capacity of this type of escalator, it is mostly used for subway lines with steel railings and for airports, glass railings are used due to the importance of decorations in the airport. Due to the importance of high efficiency equipment, helical

Mass plus Transit (Ultra Heavy Duty)

This type of escalator is used as a type of escalator with external chains (roller outside chain) due to its extremely high capacity and 24-hour operating time or use at heights of more than 14 meters.

These types of escalators are made of steel railings depending on the place of use. And will have a chain safety factor of at least 6.

نقل تجاري خانواده پله برقی های :

- ◆ حمل و نقل با ترافیک بالا
 - ◆ حمل و نقل با ترافیک بسیار بالا
- محیطهای عملیاتی:
- ◆ فضای بسته
 - ◆ فضای باز

تجاری (Supreme Transit)

این نوع پله برقی ها به علت محل استفاده و شرایط کارکرد و بر اساس بازه کاری ١٢ الى ١٦ ساعت طراحی شده اند تا در کنار مقرون به صرفه بودن، جابجایی نفرات مجتمع های تجاری را بصورت کامل انجام دهند. در این نوع طراحی به علت فضای کم در مجتمع های تجاری، بیشتر در زاویه ٣٥ درجه استفاده می گردد ولیکن زاویه ٣٥ درجه نیز قابل تولید است. به علت اهمیت زیبایی در این نوع پله برقی ها، نرده ها از نوع شیشه حرارت دیده به ضخامت ١٥ میلیمتر می باشد.

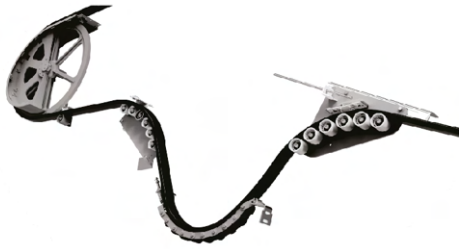
سخت کار (Mass Transit)

این نوع پله برقی ها نسبت به نوع supreme برای ظرفیت و حجم کاری بالاتری طراحی شده اند به نحوی که تا ٢٥ ساعت در روز قابلیت کار بصورت پیوسته را دارا می باشند. به علت اهمیت و ظرفیت بالای این نوع پله برقی ها بیشتر برای خطوط مترو با نرده های استیل و برای فرودگاه ها، از نوع نرده شیشه به جهت اهمیت تزئینات در فرودگاه استفاده می گردد. این نوع پله برقی ها به سبب اهمیت راندمان بالای تجهیزات از گیربکس های هلیکال در آنها استفاده شده است.

فوق سخت کار (Mass plus Transit)

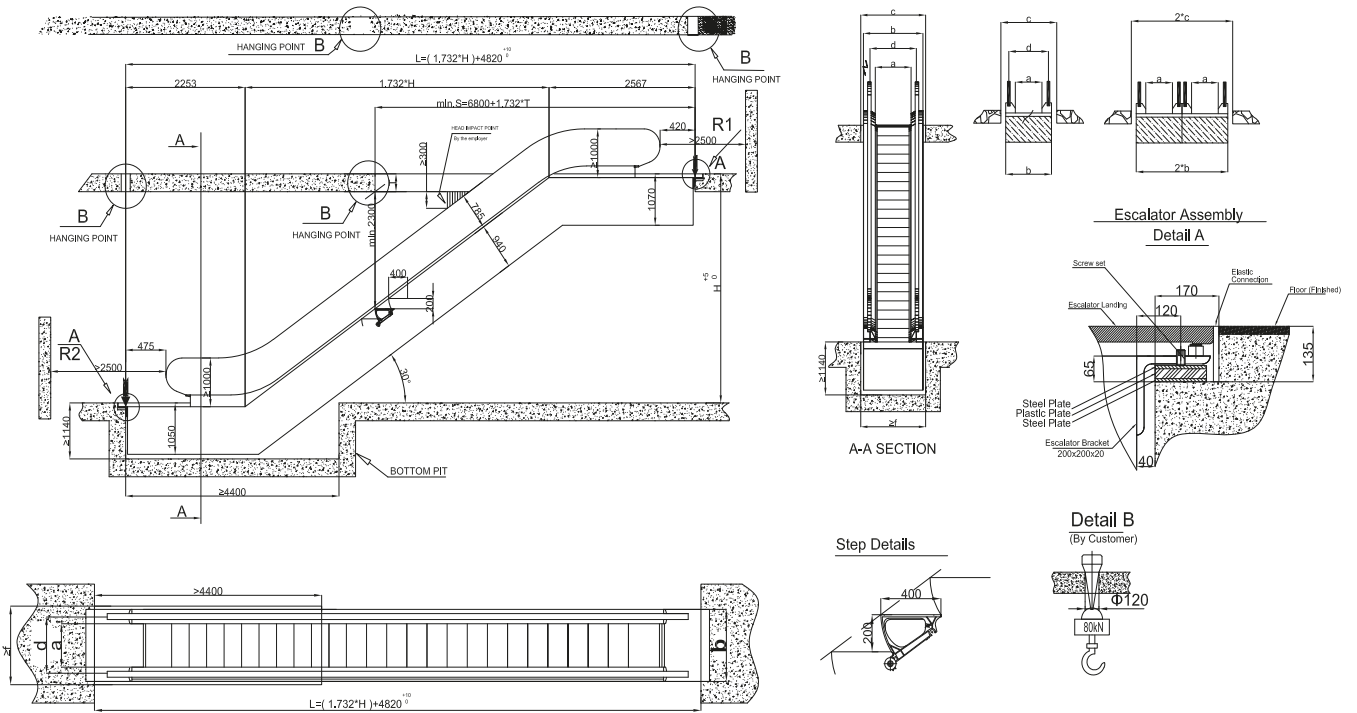
این نوع پله برقی ها به جهت ظرفیت فوق العاده بالا و زمان کارکرد ٢٤ ساعته و با استفاده در ارتفاع های بیش از ١٤ متر از نوع پله برقی (roller outside chain) با زنجیر های خارجی استفاده می گردد. این نوع پله برقی ها به جهت محل استفاده، از نوع نرده استیل در آنها استفاده می گردد و ضریب ایمنی زنجیر حداقل ٦ را خواهند داشت. همچنین در نوع زاویه ٣٥ درجه Mass Plus Transit طراحی می گردد.

SUPREME TRANSIT



Construction Parameter Layout

BLF -K-30°-Single | indoor
 2 Steps Flat - 0.5 m/s - Rise ≤ 6 m



For 600mm with / the upper truss should be increased 550mm

Note1: A vertical anti-pinch plate that has no acute angle edge should be set on the handrail belt in the junction between escalator and floorslab. If the distance between the outer edge of the handrail belt and any obstruction is greater than 400mm, it does not have to install the anti-pinch plate.

Note2: There should be adequate flow area to accommodate passengers at the entrance and exit of the escalator. If the width of the area is more than twice the distance between outer edge of the handrail belt plus 160mm, its depth dimension is allowed to be less than 2 meters.

Step width	600	800	1000	Remarks	
R1 (KN)	3.5*L+17.5	4*L+19	4.5*L+20.5	Lunit ism	
R2 (KN)	3.5*L+12	4*L+13	4.5*L+13.5		
Machine power	5.5 Kw	H≤6	H≤4	H≤3	13 A
	8 Kw		4<H≤6	3 <H≤4.9	18 A
	11 Kw			4.9<H≤6	24 A
					Current

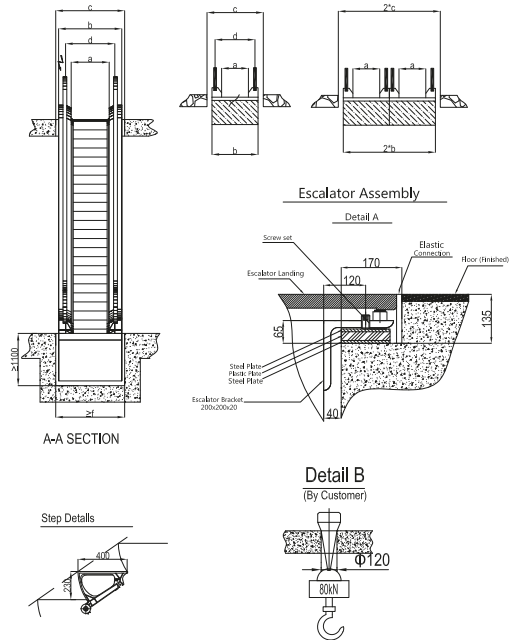
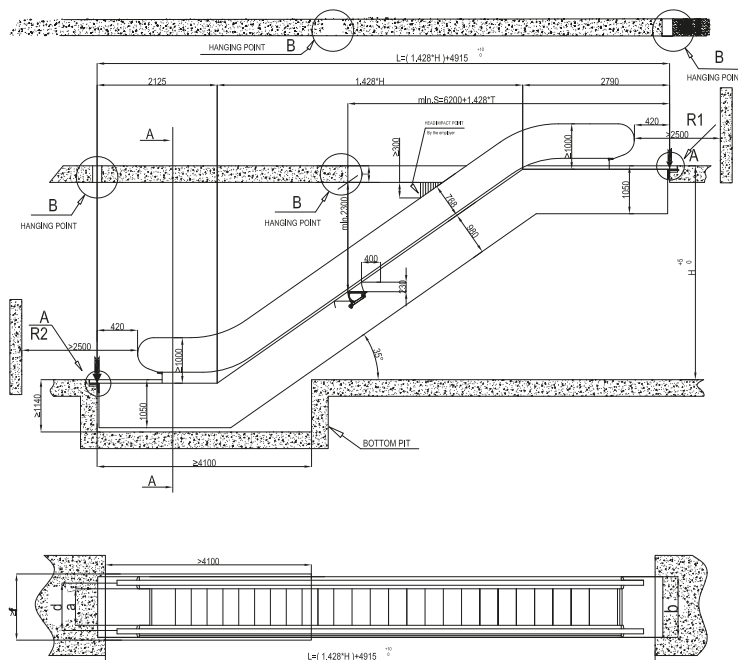
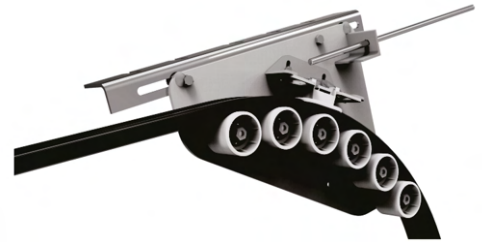
Model	Symbols	BLF-60K-30	BLF-80K-30	BLF-100K-30
Step Width	a	600	800	1000
Decoration Width	b	1140	1340	1540
Construction layout opening Width	c	1260	1460	1660
Handrail Spencer	d	838	1038	1238
Safe construction layout opening Width	e	1800	2000	2200
construction layout opening Width	f	1260	1460	1660



SUPREME TRANSIT

Construction Parameter Layout

BLF -K-35°-Single | indoor
 2 Steps Flat - 0.5 m/s - Rise ≤ 6 m



For 600mm with / the upper truss should be increased 550mm

Note1: A vertical anti-pinch plate that has no acute angle edge should be set on the handrail belt in the junction between escalator and floorslab. If the distance between the outer edge of the handrail belt and any obstruction is greater than 400mm, it does not have to install the anti-pinch plate.

Note2: There should be adequate flow area to accommodate passengers at the entrance and exit of the escalator. If the width of the area is more than twice the distance between outer edge of the handrail belt plus 160mm, its depth dimension is allowed to be less than 2 meters.

Reaction force and power

Step width	600	800	1000	Remarks	
R1 (KN)	3.5*L+16.5	4*L+18	4.5*L+19.5	L unit is m	
R2 (KN)	3.5*L+11	4*L+12	4.5*L+12.5		
Machine power	5.5 Kw	H≤6	H≤4.2	H≤3.2	Current
	8 Kw		4.2<H≤6	3.2<H≤5.2	
	11 Kw			5.2<H≤6	

Standard Specification and size unit (mm)

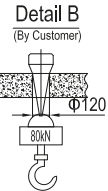
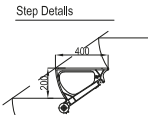
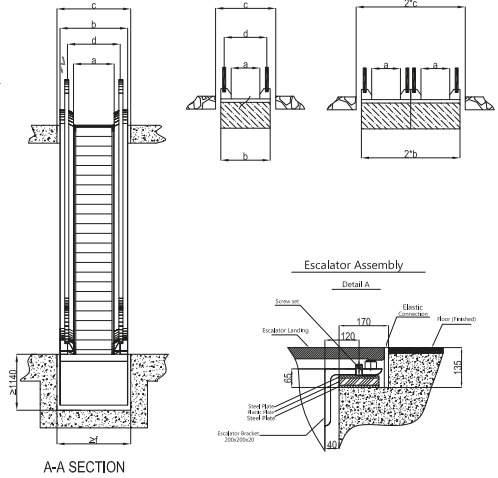
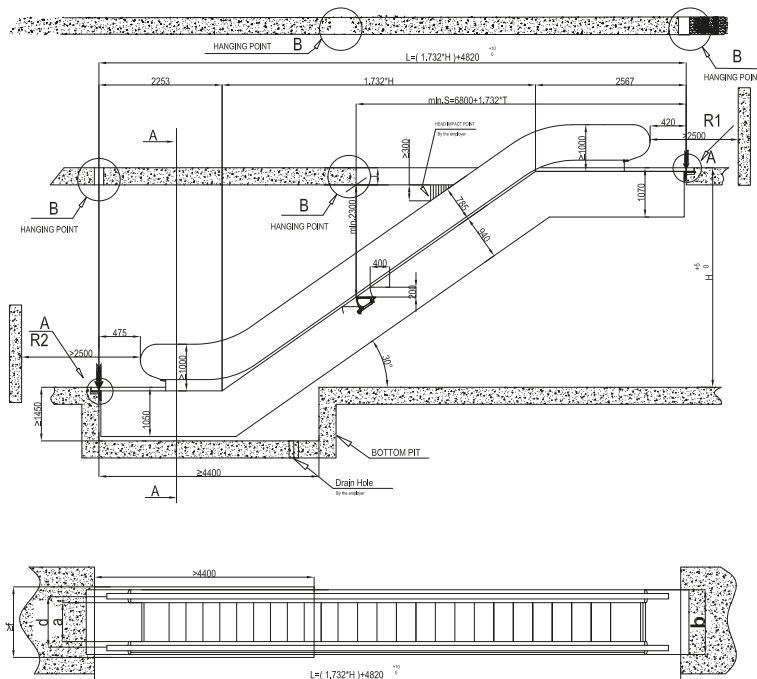
Model	Symbols	BLF-60K-35	BLF-80K-35	BLF-100K-35
Step Width	a	600	800	1000
Decoration Width	b	1140	1340	1540
Construction layout opening Width	c	1260	1460	1660
Handrail Spencer	d	838	1038	1238
Safe construction layout opening Width	e	1800	2000	2200
construction layout opening Width	f	1260	1460	1660

SUPREME TRANSIT



Construction Parameter Layout

BLF -K-30°-Single | outdoor
2 Steps Flat - 0.5 m/s - Rise ≤ 6 m



For 600mm with / the upper truss should be increased 550mm

Note1: A vertical anti-pinch plate that has no acute angle edge should be set on the handrail belt in the junction between escalator and floorslab. If the distance between the outer edge of the handrail belt and any obstruction is greater than 400mm, it does not have to install the anti-pinch plate.

Note2: There should be adequate flow area to accommodate passengers at the entrance and exit of the escalator. If the width of the area is more than twice the distance between outer edge of the handrail belt plus 160mm, its depth dimension is allowed to be less than 2 meters.

Reaction force and power

Step width	600	800	1000	Remarks	
R1 (KN)	3.5*L+18	4*L+19.5	4.5*L+21	L unit is m	
R2 (KN)	3.5*L+12.5	4*L+13.5	4.5*L+14		
Machine power	5.5 Kw	H≤6	3H≤4	H≤3.5	13 A
	8 Kw		4<H≤6	3.5<H≤4.8	18 A
	11 Kw		4.8<H≤6		24 A

Standard Specification and size unit (mm)

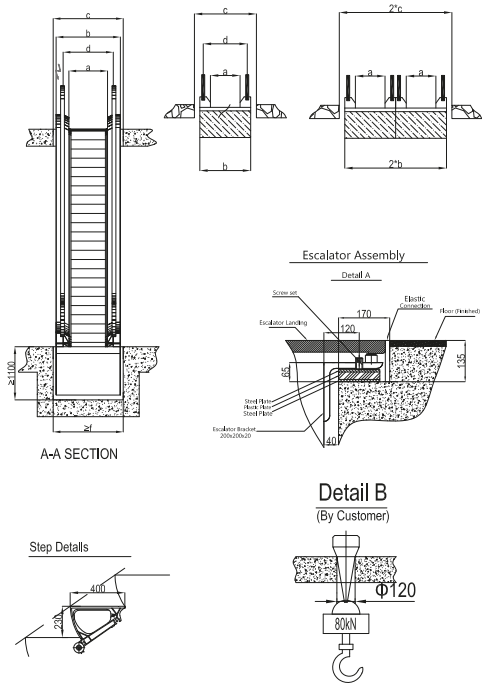
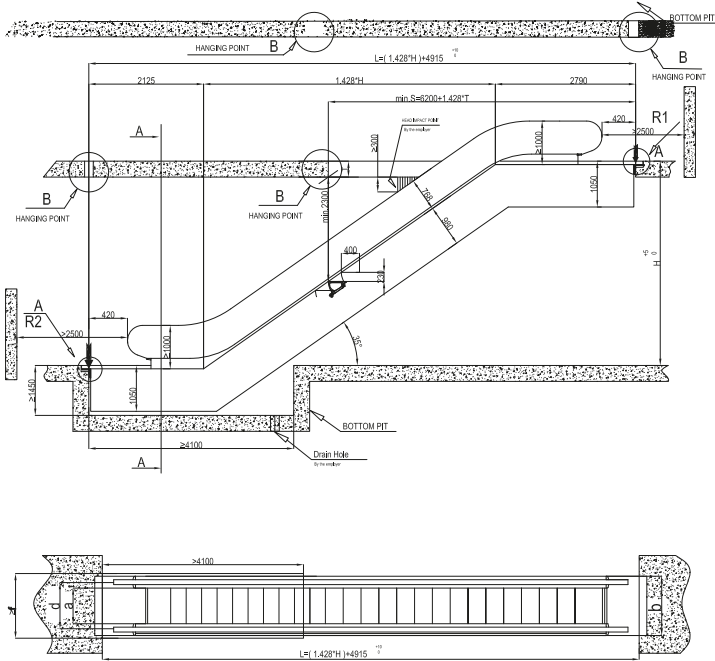
Model	Symbols	BLF-60K-30	BLF-80K-30	BLF-100K-30
Step Width	a	600	800	1000
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construction layout opening Width	f	1260	1460	1660



SUPREME TRANSIT

Construction Parameter Layout

BLF -K-35° - Single | outdoor
 2 Steps Flat - 0.5 m/s - Rise ≤ 6 m



For 600mm with / the upper truss should be increased 550mm

Note1: A vertical anti-pinch plate that has no acute angle edge should be set on the handrail belt in the junction between escalator and floorslab. If the distance between the outer edge of the handrail belt and any obstruction is greater than 400mm, it does not have to install the anti-pinch plate.

Note2: There should be adequate flow area to accommodate passengers at the entrance and exit of the escalator. If the width of the area is more than twice the distance between outer edge of the handrail belt plus 160mm, its depth dimension is allowed to be less than 2 meters.

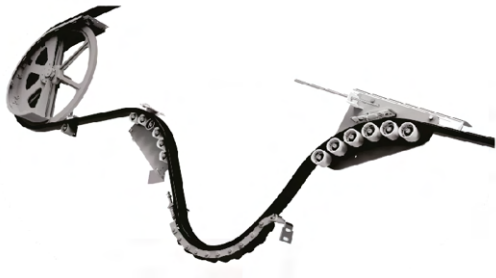
Action force and power

Step width	600	800	1000	Remarks	
R1 (KN)	$3.5 * L + 17$	$4 * L + 18.5$	$4.5 * L + 20$	L unit is m	
R2 (KN)	$3.5 * L + 11.5$	$4 * L + 12.5$	$4.5 * L + 13$		
Machine power	5.5 Kw	$H \leq 6$	$3H \leq 5$	$H \leq 4$	13 A
	8 Kw		$5 < H \leq 6$	$4 < H \leq 5$	18 A
	11 Kw			$5 < H \leq 6$	24 A

Standard Specification and size unit (mm)

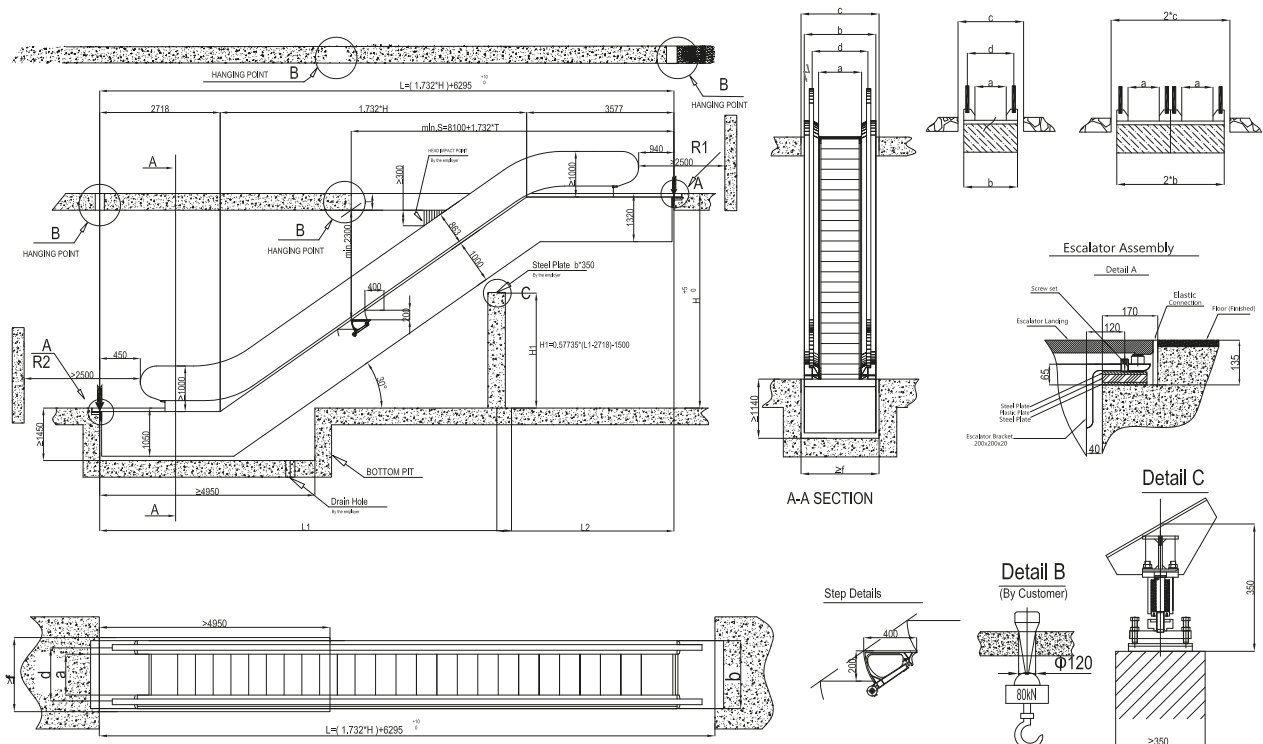
Model	Symbols	BLF-60K-35	BLF-80K-35	BLF-100K-35
Step Width	a	600	800	1000
Decoration Width	b	1140	1340	1540
Construction layout opening Width	c	1260	1460	1660
Handrail Spencer	d	838	1038	1238
Safe construction layout opening Width	e	1800	2000	2200
construction layout opening Width	f	1260	1460	1660

SUPREME TRANSIT



Construction Parameter Layout

BLF -M-30°-Single | indoor and outdoor
3 Steps Flat -0.5- 0.65 m/s - Rise ≤ 12 m



For 600mm with / the upper truss should be increased 550mm
Middle support is required for height more than 5.7m
TO add Y_Δ capability to a VVVF system, the length of the upper truss should meet a 300mm increase.

Note1: A vertical anti-pinch plate that has no acute angle edge should be set on the handrail belt in the junction between escalator and floor slab. If the distance between the outer edge of the handrail belt and any obstruction is greater than 400mm, it does not have to install the anti-pinch plate.

Note2: There should be adequate flow area to accommodate passengers at the entrance and exit of the escalator. If the width of the area is more than twice the distance between outer edge of the handrail belt plus 160mm, its depth dimension is allowed to be less than 2 meters.

Reaction force and power

Step width	600	800	1000	Remarks	
R1 (KN)	4.1*L2+17.5	4.5*L2+18.1	5*L2+19.5	L1,L2 unit is m	
R2 (KN)	4.1*L1+9.8	4.5*L1+9.8	5*L1+10.5	L1,L2 are Less than 15m	
R3 (KN)	4.25*L+11.5	4.5*L+12.5	5.2*L+13.5		
Machine power	5.5 Kw	H≤5.6	H≤4	H≤3	13 A
	8 Kw	5.6<H≤9.2	4 <H≤6.4	3<H≤4.9	18 A
	11 Kw	9.2<H≤13	6.4<H≤9.3	4.9<H≤7.2	24 A
	15 Kw		9.3<H≤9.8	7.2<H≤7.9	32 A

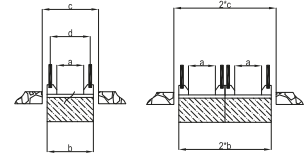
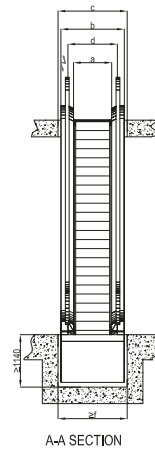
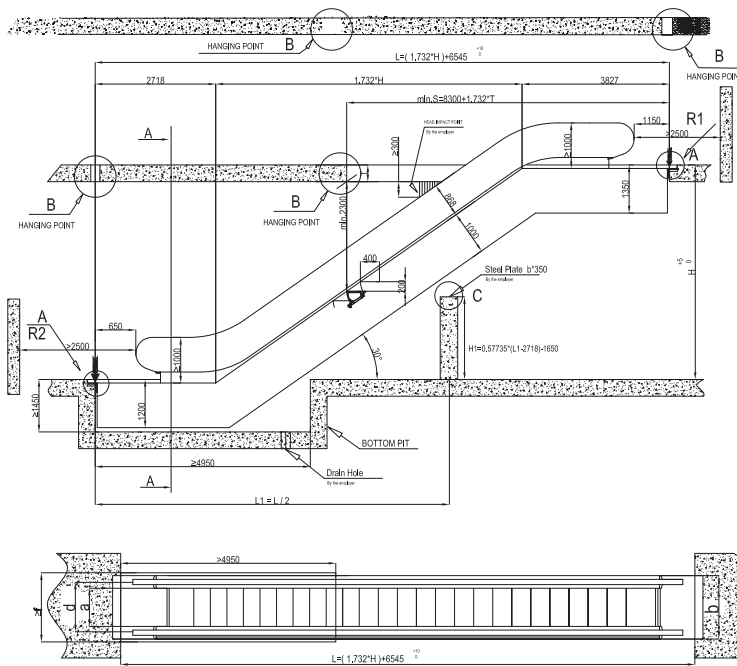
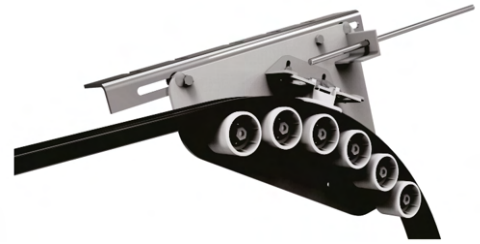
Standard Specification and size unit (mm)

Model	Symbols	BLF-60M-30	BLF-80M-30	BLF-100M-30
Step Width	a	600	800	1000
Decoration Width	b	1140	1340	1540
Construction layout opening Width	c	1260	1460	1660
Handrail Spencer	d	838	1038	1238
Safe construction layout opening Width	e	1800	2000	2200
construction layout opening Width	f	1260	1460	1660



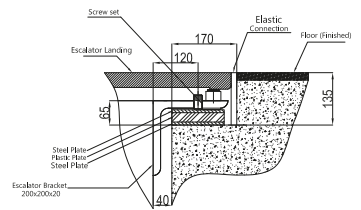
Construction Parameter Layout

BLXF -M-30°-Single | Indoor and outdoor
3 Steps Flat -0.5 - 0.65 m/s - Rise ≤ 10 m



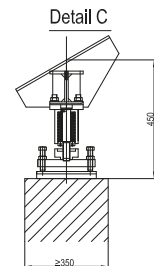
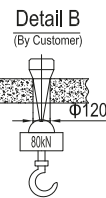
Escalator Assembly

Detail A



A-A SECTION

Detail C



For 600mm with / the upper truss should be increased 550mm
Middle support is required for height more than 5.7m
TO add Y_A capability to a VVVF system, the length of the upper truss should meet a 300mm increase.

Note1: A vertical anti-pinch plate that has no acute angle edge should be set on the handrail belt in the junction between escalator and floorslab. If the distance between the outer edge of the handrail belt and any obstruction is greater than 400mm, it does not have to install the anti-pinch plate.

Note2: There should be adequate flow area to accommodate passengers at the entrance and exit of the escalator. If the width of the area is more than twice the distance between outer edge of the handrail belt plus 160mm, its depth dimension is allowed to be less than 2 meters.

Reaction force and power

Step width	800	1000	Remarks		
R1 (KN)	4.5*L2+18.6	5.2*L2+20	L, L1, L2 unit is m L1, L2 are Less than 15m		
R2 (KN)	4.5*L1+10.3	5.2*L1+11			
R3 (KN)	4.5*L+13.5 5.7	5.2*L+14.5			
Machine power	8 Kw	H≤4.5	H≤3.2	18 A	Current
	11 Kw	4.5<H≤6	3.2<H≤4.3	24 A	
	15 Kw	5.7<H≤8	4.3<H≤6.1	32 A	
	18.5 Kw	8<H≤10	6.1<H≤8	40 A	
	2*11 Kw	10<H≤12.5	8<H≤9.2	48 A	
	2*15 Kw	12<H≤16.7	9.2<H≤12.7	64 A	
	2*18.5 Kw	16.7<H≤20	12.7<H≤15.3	80 A	

Standard Specification and size unit (mm)

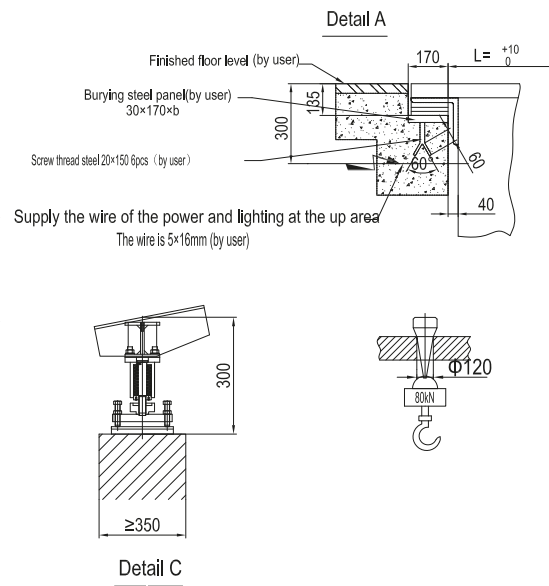
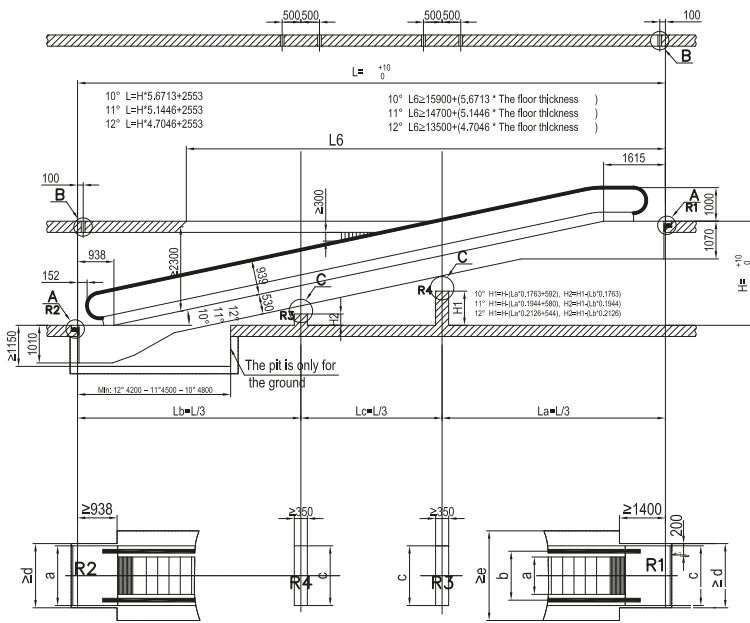
Model	Symbols	BLXF-80M-30	BLXF-100M-30
Step Width	a	800	1000
Decoration Width	b	1400	1600
Construction layout opening Width	c	1460	1660
Handrail Spencer	d	1110	1310
Safe construction layout opening Width	e	2000	2200
construction layout opening Width	f	1460	1660

SUREME TRAVEL



Construction Parameter Layout

B L R F / 10° 11° 12° Single | indoor
0.5 m/s - Rise ≤ 7m



For detail see The user manual in Appendix 50mm
1000 Support is required

Pallet width	800	1000
a	800	1000
b	1038	1238
c	1340	1540
d	1400	1600

Note1: A vertical anti-pinch plate that has no acute angle edge should be set on the handrail belt in the junction between escalator and floorslab. If the distance between the outer edge of the handrail belt and any obstruction is greater than 400mm, it does not have to install the anti-pinch plate.

Note2: There should be adequate flow area to accommodate passengers at the entrance and exit of the escalator. If the width of the area is more than twice the distance between outer edge of the handrail belt plus 160mm, its depth dimension is allowed to be less than 2 meters.

Power Table

Rise/12°/0.5ms	5.5 Kw	8 Kw	11 Kw	15 Kw	
Machine power	1000	H≤2.8	2.8<H≤4.5	4.5<H≤6	6<H≤7
	800	H≤3.5	3.5<H≤5.7	5.5<H≤7	
Notes	L, L1, L2 is m L1, L2 are less than 15m				

Supporting force	q	M	N	e	1918	2118	
800	0.0039	10.5	5.5	f	1340	1540	
1000	0.0045	12	6	g	5	6	
Angle	Rise		Middle supporting		La	Lb	Lc
	From	To	R3	R4			
10°	1297	2178	-	-	-	-	-
	2179	4823	1	-	L/2	L/2	-
	4824	6600	1	1	L/3	L/3	L/3
11°	1449	2420	-	-	-	-	-
	2421	5335	1	-	L/2	L/2	-
	5336	7300	1	1	L/3	L/3	L/3
12°	1601	2645	-	-	-	-	-
	2645	5830	1	-	L/2	L/2	-
	5830	8000	1	1	L/3	L/3	L/3

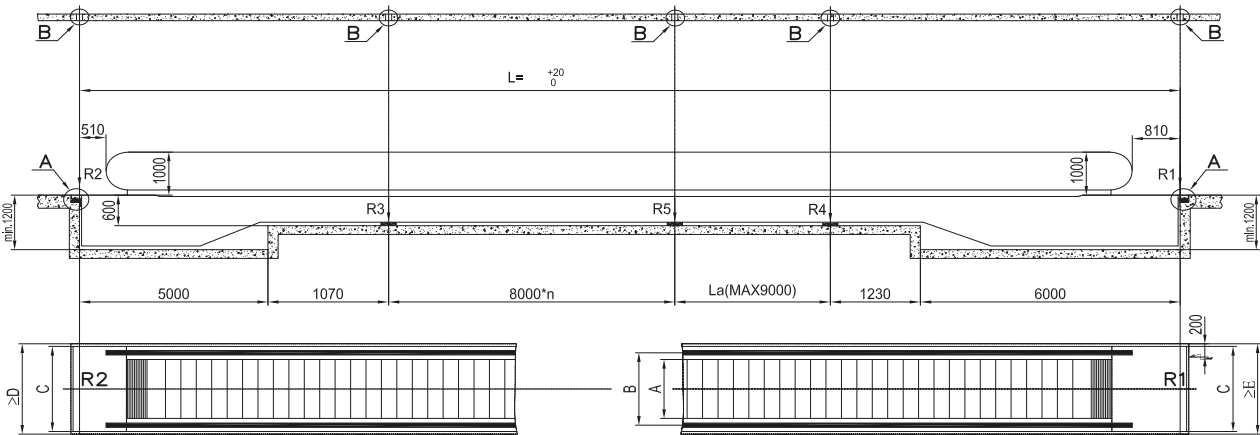
Supporting force		
Without middle supporting (KN)	With one middle supporting (KN)	With two middle supporting (KN)
R1=L*q + M	R1=La*q + M	R1=La*q + M
	R2=Lb*q + N	R2=Lb*q + N
R2=L*q + N	R3=(La+Lb)*q *1.3	R3=(La+Lc)*q *1.3
		R4=(Lb+Lc)*q *1.3



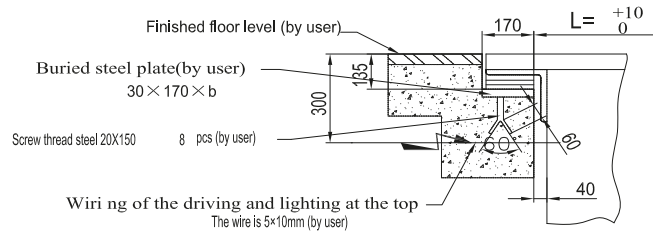
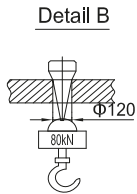
SUREME TRAVEL

Parameter Construction Layout

B L R P / - 0 - Single | indoor
0.5 m/s - Length \leq 100m



Detail A



Pallet width(mm)	800	1000	1200	1400
A	800	1000	1200	1400
B	1038	1238	1430	1648
C	1340	1540	1740	1950
D	1400	1600	1800	2010
E	1400	1600	1800	2010

Supporting force		
Without middle supporting (KN)	With one middle supporting (KN)	With two middle supporting (KN)
R1=L*q + M	R1=La*q + M	R1=La*q + M
	R2=Lb*q + N	R2=Lb*q + N
R2=L*q + N	R3=(La+Lb)*q *1.3	R3=(La+Lc)*q *1.3
		R4=(Lb+Lc)*q *1.3

JIN
BEHRAN LIFT



الترتيب بجهة واحدة
في هذه الطريقة يتم الربط بين سطحين بجهة مرور واحدة و يتم تغيير جهة السلم الكهربائي طبق جريان المرور

Single unit arrangement
Single link between two levels with one traffic direction. Change of escalator direction depending on traffic flow possible.

الترتيب المتواصل (جهة حركة واحدة)
يناسب هذا الترتيب المارة و يؤمن لهم الراحة الكافية بكنه يحتاج الى مساحات كافية و يتم تركيبه عادة في المحلات التجارية الصغيرة

Continuous arrangement (one travel direction)
It is convenient for the passengers, but enough space is required and mainly used in small department stores.

الترتيب المتقاطع (جهة حركة واحدة)
هذا الترتيب و لانه يجلب انتباه المارة لخط سير قصير لا يعتبر مرغوبا و يحتاج الى مساحات اقل و يناسب المحلات التجارية

Interrupted arrangement (one travel direction)
Since customers attention can be attracted on the small detours, a bit inconvenient for the passengers, but less space consuming and favorable for the department store.

الترتيب باشارة اكس (العبور من الطرفين)
يستعمل للحمل و النقل السريع باكثر استطاعة ممكنة و يستخدم للمراكز التجارية الكبيرة و الابنية العامة و مواقف الحمل و النقل

Crisscross, continuous arrangement (two way traffic)
Suitable for a minimum transportation time and highest capacity. Mainly used in major department stores, public buildings and public transportation areas.

الترتيب المتوازي و المتقطع (عبور باتجاهين)
لان تركيب هذا السلم لا يحتاج الى غطاء جانبي فتكون تكلفته اقل و لأنه يقوم بلفت انتباه الركاب الى خط سير اقصر فهو مناسب للاصحاب المحلات التجارية.

Parallel, interrupted arrangement (two-way traffic)
Since no lateral claddings are required, it can be economically installed and since customers attention can be attracted on the small detours, it is favourable for the department store owners.

چیدمان تک واحدی
در این شیوه، پیوند واحد بین دو سطح با یک جهت تردد انجام می شود و تغییر جهت پله برقی بسته به جریان تردد است.



چیدمان پیوسته
(یک جهت حرکتی)
این چیدمان برای راحتی مسافران مناسب است، اما برای اجرا به فضای کافی نیاز دارد و عمدتاً در فروشگاه های کوچک به کار می رود.



چیدمان متقاطع
(یک جهت حرکتی)
این چیدمان، از آنجایی که توجه مسافران به خط سیر کوتاه جلب می شود، کمی ناخوشایند است؛ اما فضای کمتری برای اجرا نیاز دارد و برای فروشگاه ها مناسب است.



چیدمان ضربدری
(تردد دو طرفه)
برای حمل و نقل سریع با بالاترین ظرفیت مناسب است و به طور عمده در فروشگاه های بزرگ، ساختمان های عمومی و ایستگاه های حمل و نقل به کار می رود.



چیدمان موازی و متقطع
(تردد دو طرفه)
نصب این پله برقی ها، از آنجایی که به پوشش جانبی احتیاج ندارند، هزینه کمتری دارد و از آنجایی که توجه مسافران به خط سیر کوتاه جلب می شود، این پله برقی ها برای فروشگاه داران مناسب هستند.

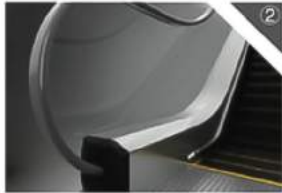




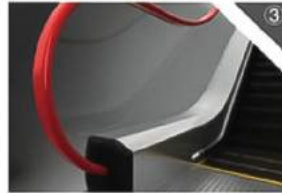
HANDRAIL COLOR



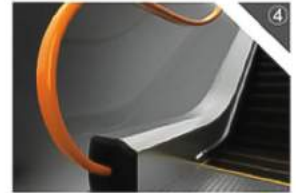
Black (Standard)



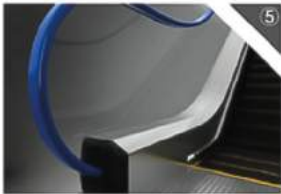
Gray (Optional)



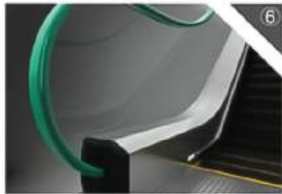
Red (Optional)



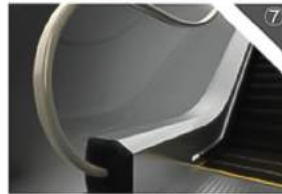
Orange (Optional)



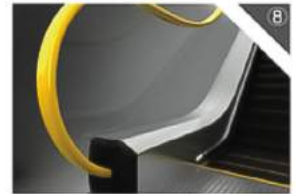
Blue (Optional)



Shallow Bluish Green (Optional)



Light Brown (Optional)



Yellow (Optional)

BALUSTRADE COLOR



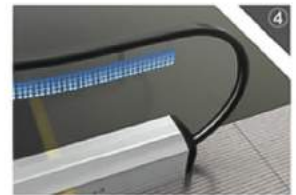
Transparent (standard)



Gray

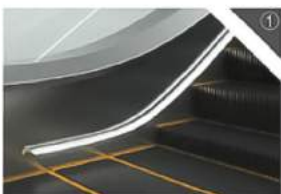


Bronze (Optional)

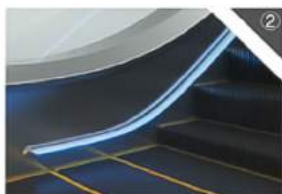


Transparent Silk Screen (Optional)

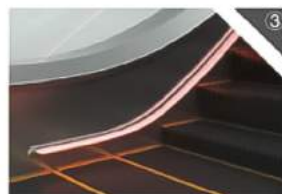
LIGHTING



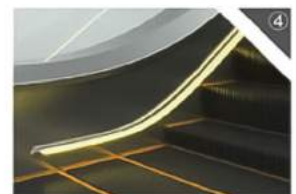
White (Optional)



Blue (Optional)

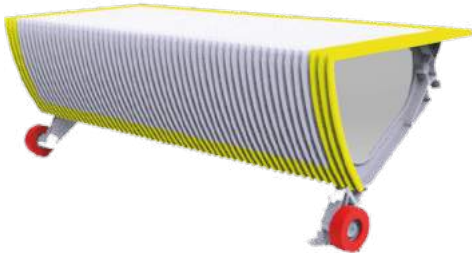


Red (Optional)



Yellow (Optional)





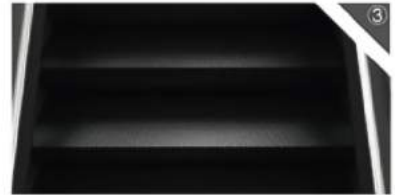
STEP COLOR



1
Black Stainless Steel
(Standard Configuration for Indoor Escalator)



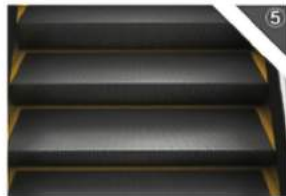
2
Silver Gray Aluminum Alloy
(Standard Configuration for outdoor Escalator)



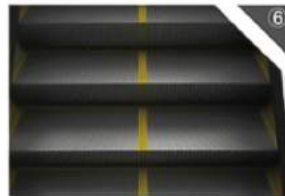
3
Black Aluminum Alloy
(Optional)



4
Frame Spraying C-Type
(Optional)



5
Frame Yellow Plastic C-Type
(Optional)

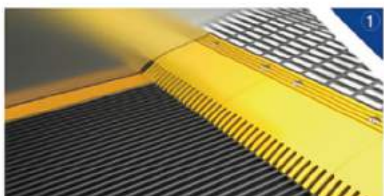


6
Frame Spraying E-Type
(Optional)

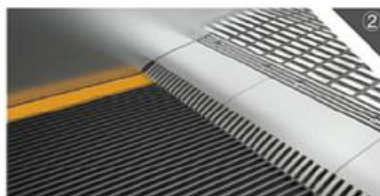


7
Frame Yellow Plastic E-Type
(Optional)

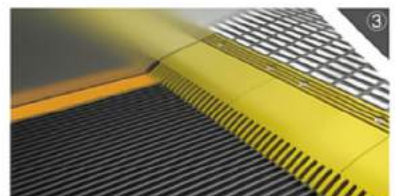
COMB TOOTH



1
Yellow Plastic
(Standard)



2
Aluminum
(Optional)



3
Aluminum Surface Yellow Paint
(Optional)

LANDING PLATE

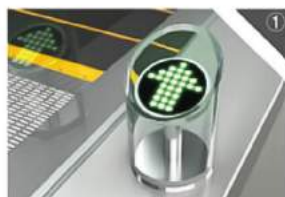


1
Aluminum Patch
(Standard)



2
Stainless Steel Striped Patch
(Optional)

INDICATOR



1
Transparent Plastic LED Display
(Optional)



2
Black Plastic Dot Matrix Display
(Optional)