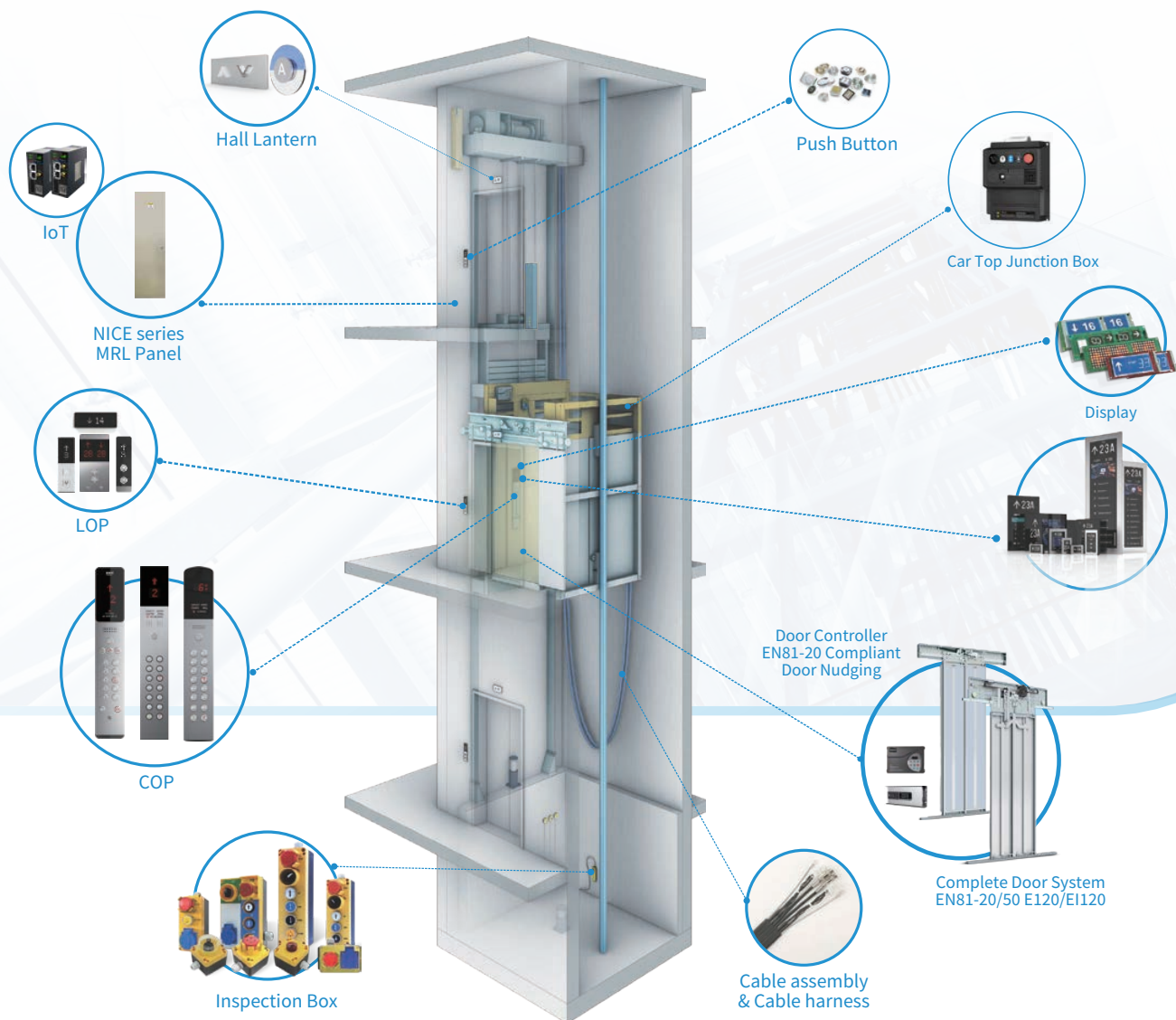


Elevator Electrical & Door Products



COP/LOP, Fixtures, Travelling cables, Doors



Control System



Electrical System



Door System



Cable System



Encoders



Sensors

BST Standard COP/LOP

Standard Series

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BCGCM001 Series	5
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BCG311 Series.....	7
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PC/Glass Series/ Touch Series

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Home Lift Series

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SEAD10 Series



SEAD10-CG-SES-01



SEAD10-ZX-GHS-01

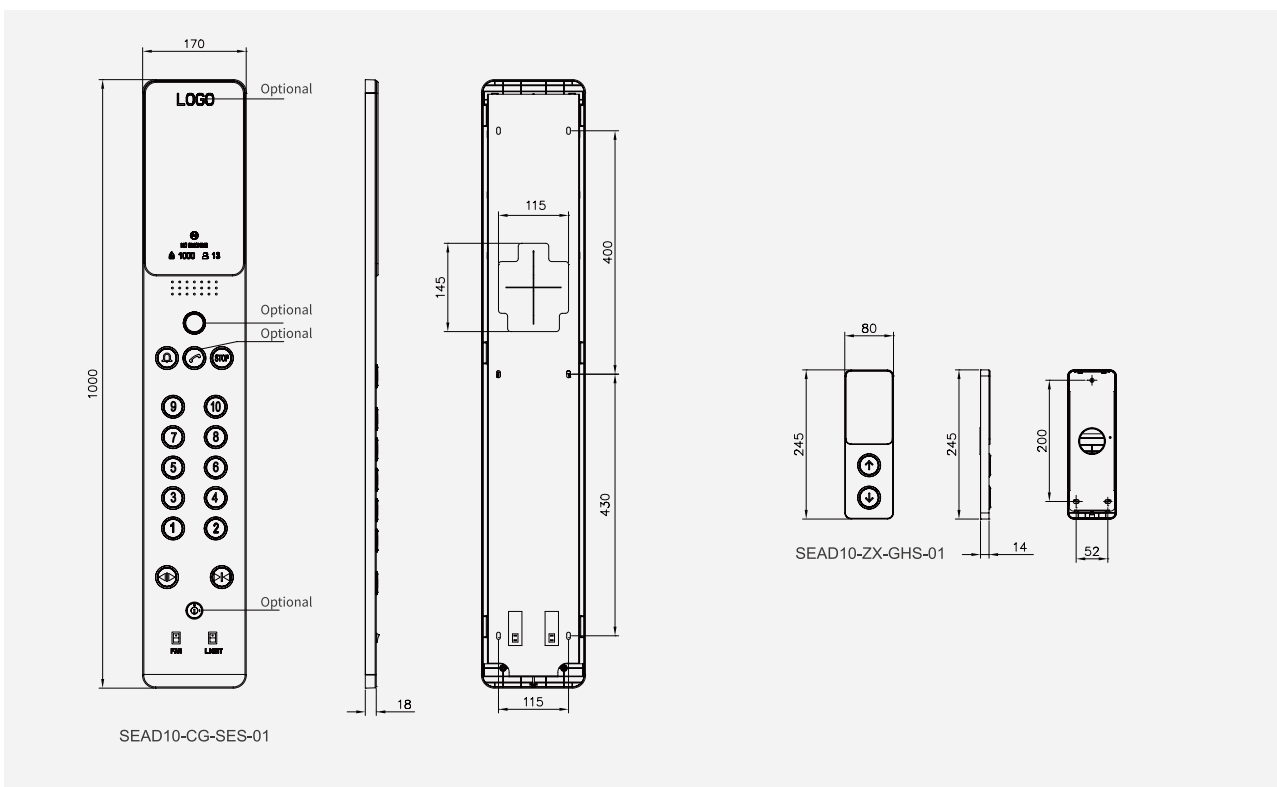
Feature & Specification

- Mounting: Surface type
- Material Optional: Hairline St/steel
Mirror St/steel
- Optional Button:

< MORD10-AM-SC-01>
- Emergency Light: MA1C03
- Keyswitch: S18030A22
- Toggle Switch: Optional
- LED Colour: ■ ■ ■

Display	Type	SEAD10-CG-SES-01	SEAD10-ZX-GHS-01
Parallel		BVL131/BVD291	BVL121/BVD231
RS485 Monarch Protocol		R600 / R610 / R630	R60M / R61M / R63M

Figure & Installation Dimension(mm)



BCGCM001 Series



Feature & Specification

● Mounting: Surface type

● Material Optional: Mirror St/steel
Hairline St/steel

● Optional Button:



< BAMSC007 >



< BAMSS002 >

● Emergency Light: MA1C03

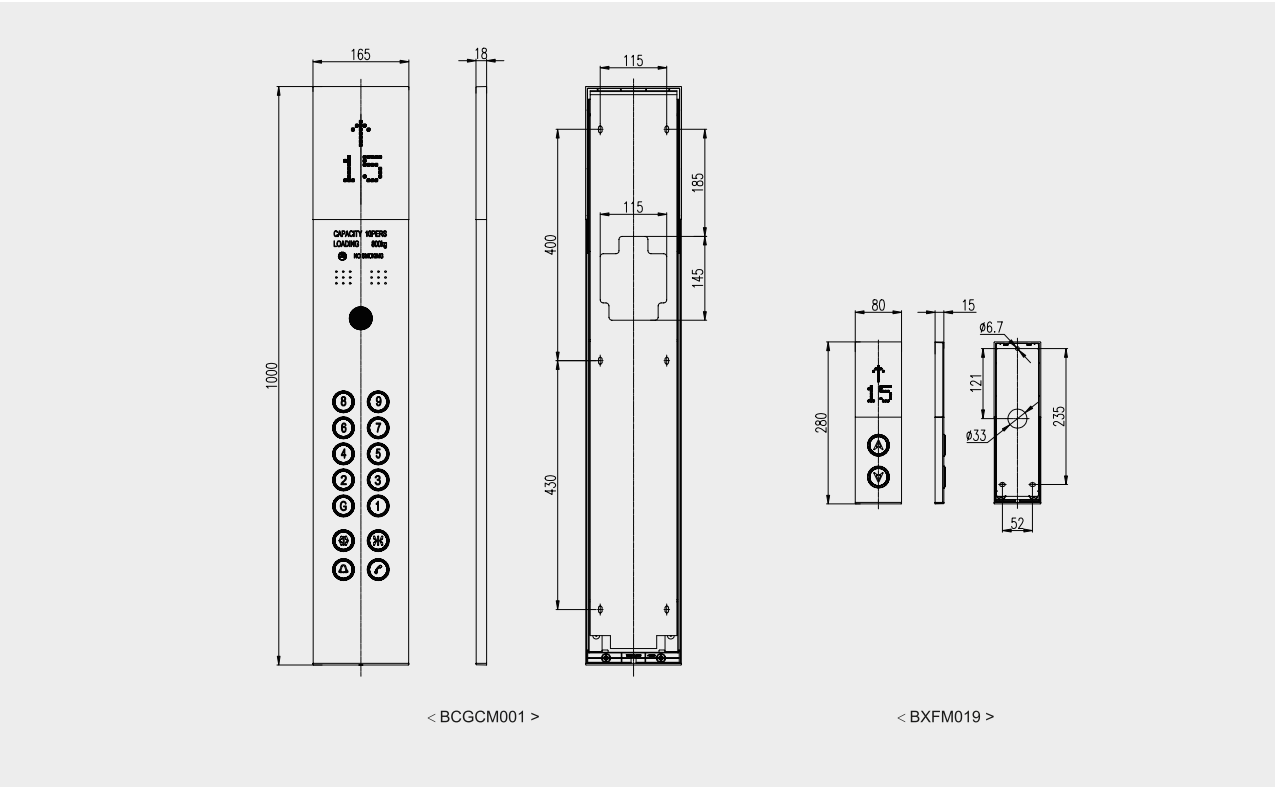
● Keyswitch: A4P72774

● Toggle Switch: Optional

● LED Colour: ■ ■ □

Display \ Type	BCGCM001	BXGFM019
Parallel	BVL131/BVD291	BVL121/BVD231
RS485 Monarch Protocol	R600 / R610 / R630	R60M / R61M / R63M

Figure & Installation Dimension(mm)



BCGBF001 Series



Feature & Specification

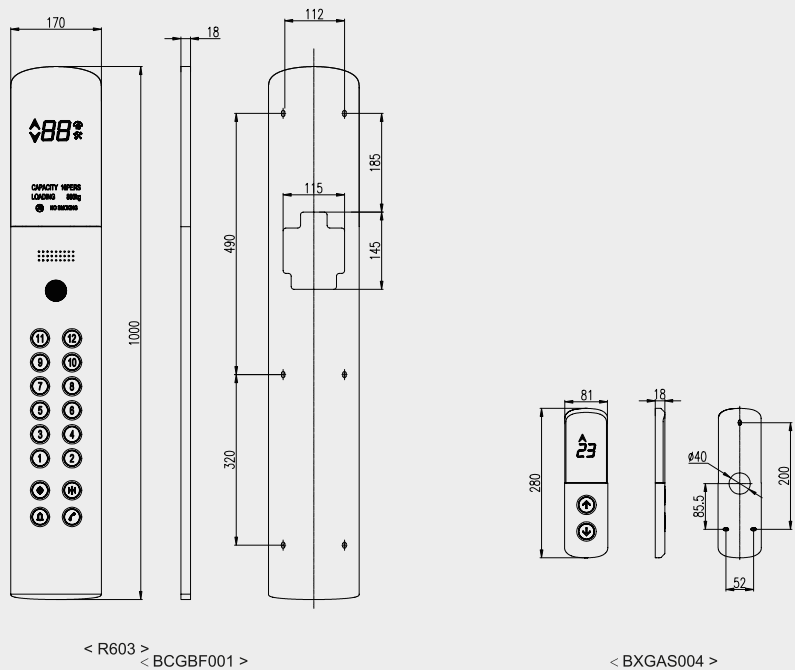
- Mounting: Surface type
- Material Optional: Hairline St/steel
Mirror St/ Steel
- Optional Button:




< BAMSC007 >
< BAMSS002 >
- Emergency Light: MA1C03
- Keyswitch: A4P72774
- Toggle Switch: Optional
- LED Colour: ■ ■ ■

Display \ Type	BCGBF001	BXGAS004
Parallel	BVL131/BVD291	BVL121/BVD231
RS485 Monarch Protocol	R600 / R610/ R630	R60M / R61M / R63M

Figure & Installation Dimension(mm)



BCG311 Series

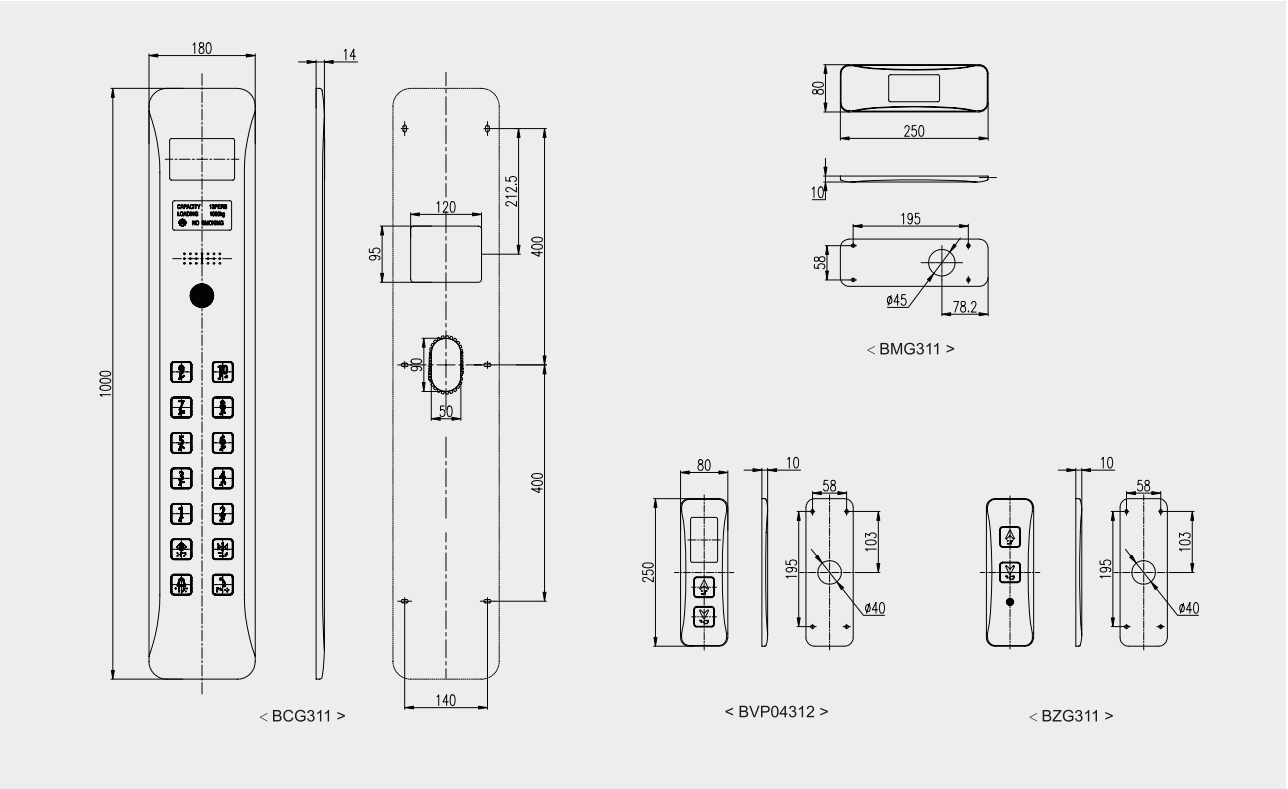


Feature & Specification

● Mounting: Surface type
● Material Optional: Mirror St/steel, Hairline St/steel Gold hairline St/ Steel , Titanium hairline St/steel
● Optional Button:  < MA1Z00 >
● Emergency Light: MA1C03
● Keyswitch: A4P56470
● Toggle Switch: Optional
● LED Colour: ■ ■ □

Display \ Type	BCG311	BXG311	/	BZG311	BMG311
Parallel	BVL131/BVD262	BVL121/BVD231	/	/	BVD261
RS485 Monarch Protocol	/	/	/	/	/

Figure & Installation Dimension(mm)



KCG351 Series



Feature & Specification

- Mounting: Surface type
- Material Optional: Mirror St/steel
Hairline St/steel , Texture St/steel
- Optional Button:



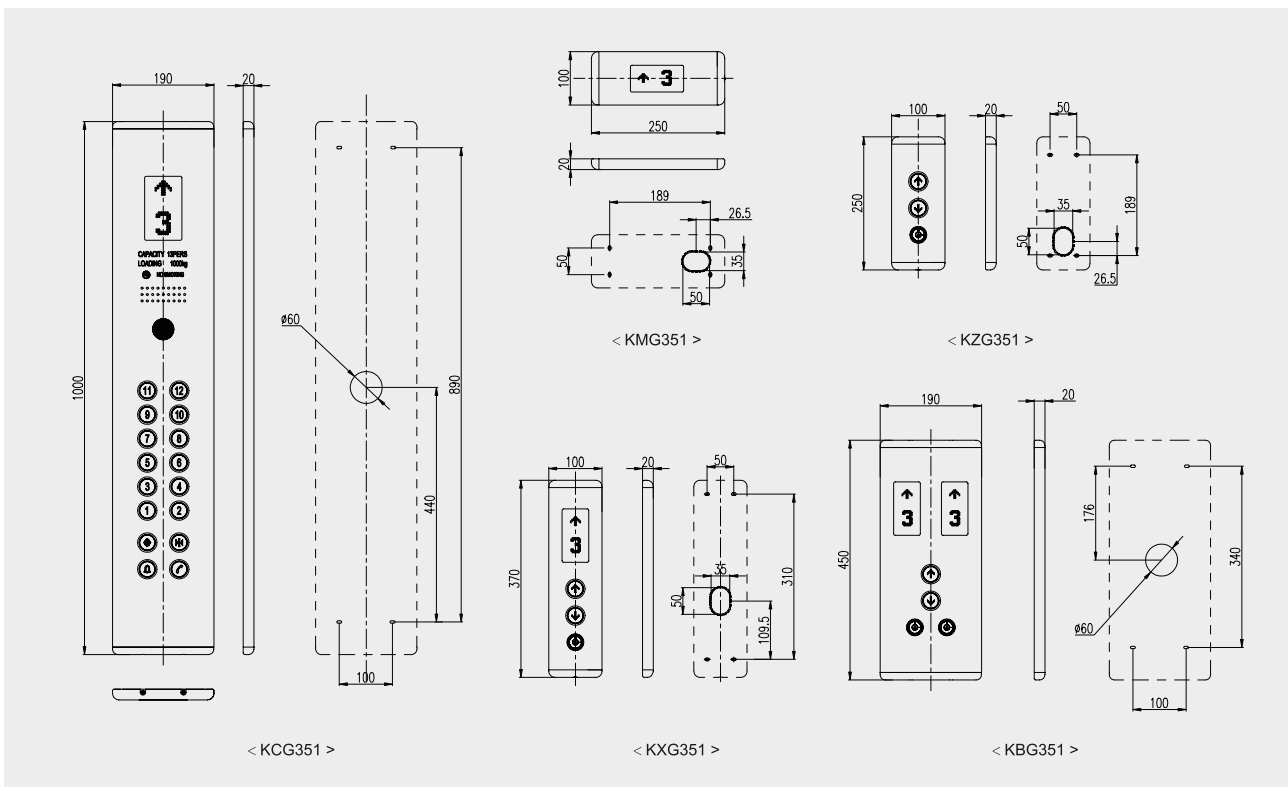
< BAMSC007 >



< BAMSS002 >
- Emergency Light: MA1C03
- Keyswitch: A4P72774
- Toggle Switch: Optional
- LED Colour: ■ ■ □

Display \ Type	KCG351	KXG351	KBG351	KZG351	KMG351
Parallel	BVL131/BVD291	BVL121/BVD231	BVL121/BVD231	/	BVD262
RS485 Monarch Protocol	R600/ R610/ R630	R60M/ R61M/ R63M	R60M/ R61M/ R63M	/	/

Figure & Installation Dimension(mm)



Standard Series



- Optional Button:



< BAMSS002 >

- LED Colour: ☒ Red ☐ Orange ☐ White

Figure & Installation Dimension(mm)



BCGCM008 Series

EN81-20/50



*Color Optional



BCGCM008 BXGFM042 BZGAS004

Feature & Specification

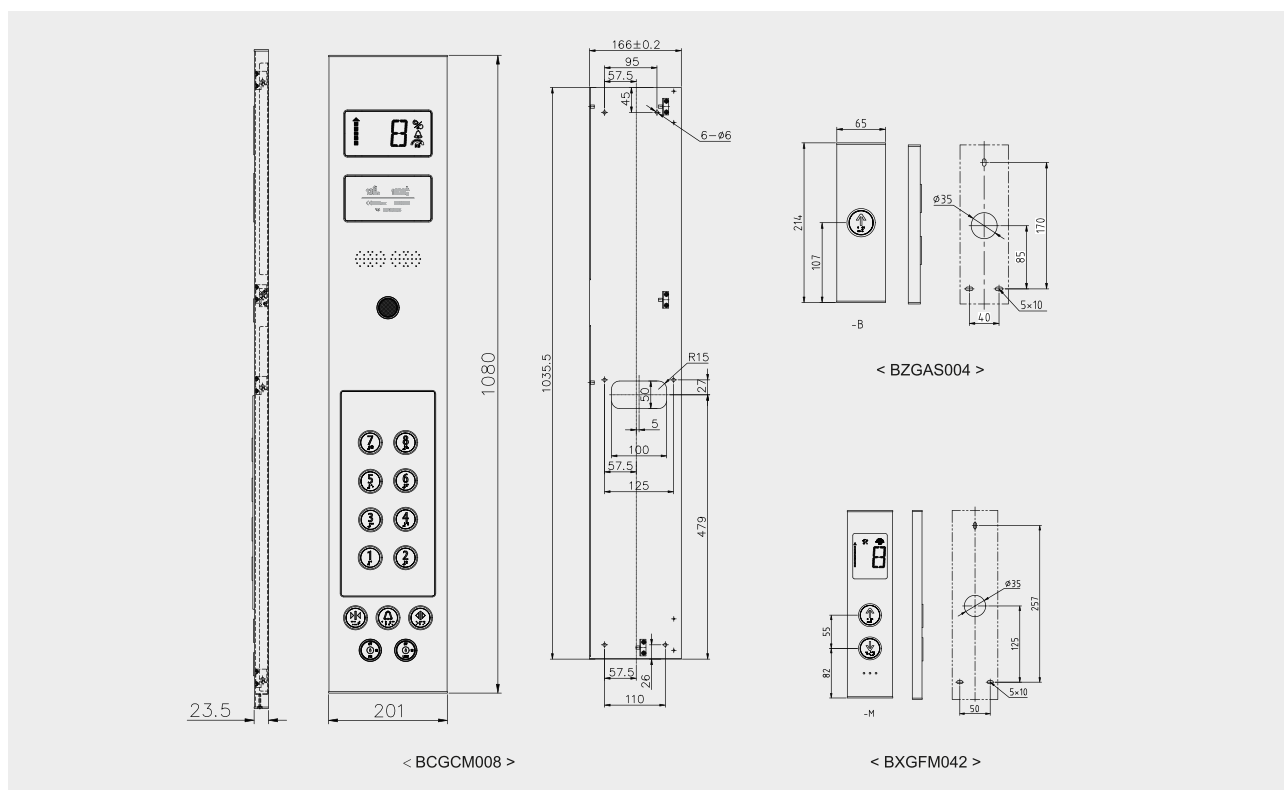
- Mounting: Surface type
- Material Optional: Mirror St/steel
Hairline St/steel
- Optional Button:



< MA1800 >
- Emergency Light: MA1C03
- Keyswitch: BAS12C
- Toggle Switch: Optional
- LED Colour: ☐

Display Type	BCGCM008	BXGFM042	BZGAS004
Parallel	MCTC-HCB-D63L-1	MCTC-HCB-D63F	/
Standard Protocol	MCTC-HCB-D63L	BVLSV032	/

Figure & Installation Dimension(mm)



BCG451 Series



Feature & Specification

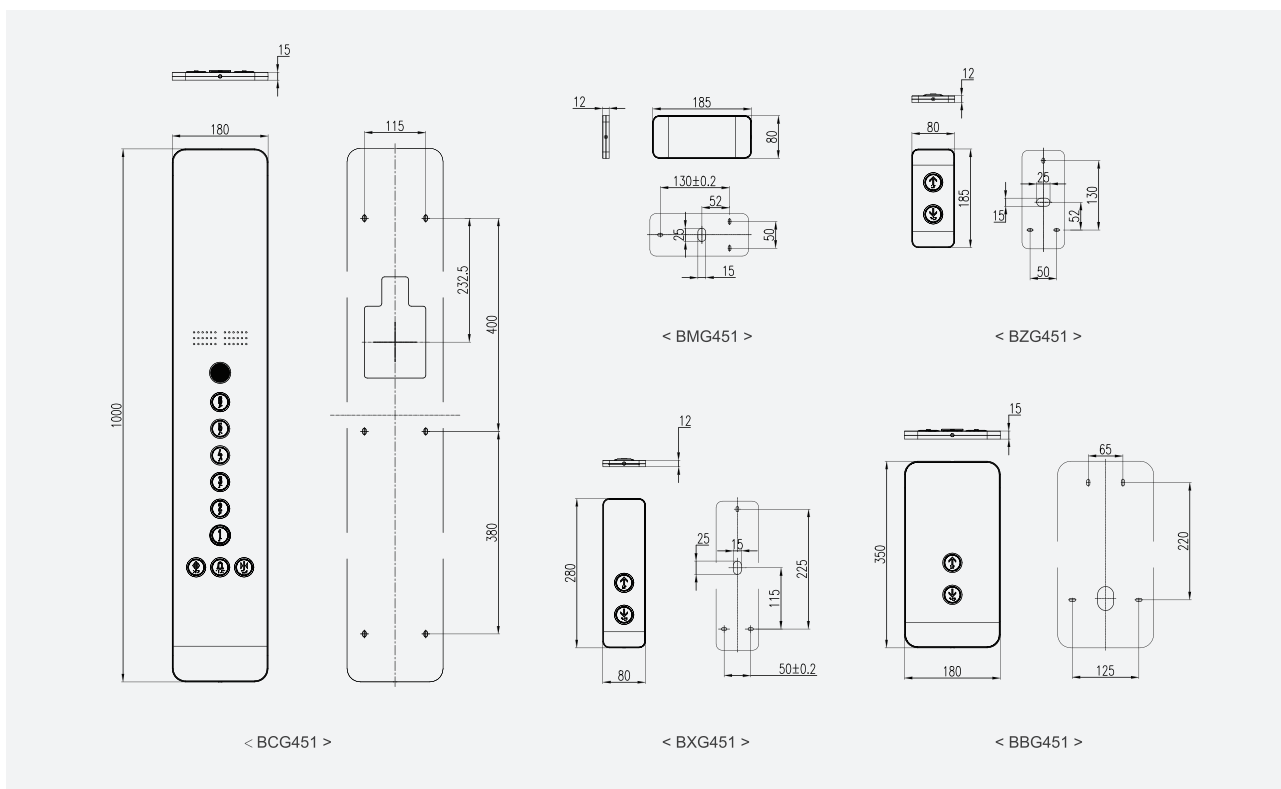
- Mounting: Surface type
- Material Optional: Black PC + Hairline St/steel
Black PC + Mirror St/steel
- Optional Button:

< BAMSC007 >

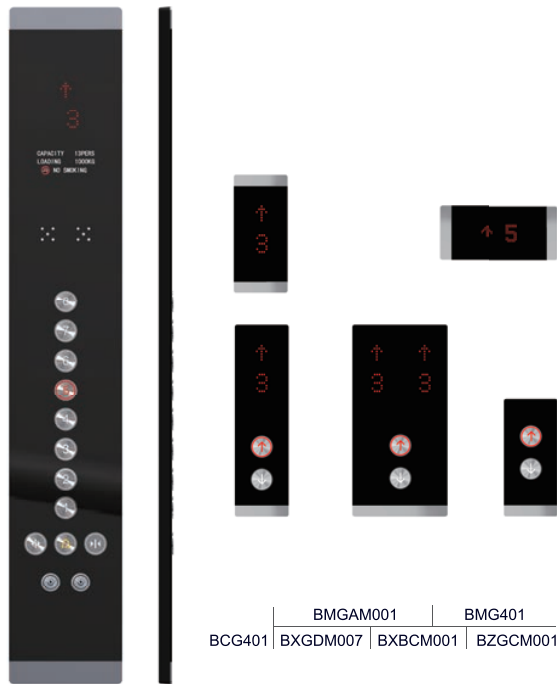
< MA2J00 >
- Emergency Light: MA1C03
- Keyswitch: A4P72774
- Toggle Switch: Optional
- LED Colour: ■ ■ ■

Display	Type	BCG451	BXG451	BBG451	BZG451	BMG451
Parallel		BVL131/BVD291	BVL121/BVD231	BVL121/BVD231	/	BVD261
RS485 Monarch Protocol		R600 / R610 / R630	R60M / R61M / R63M	R60M / R61M / R63M	/	/

Figure & Installation Dimension(mm)



BCG401 Series



Feature & Specification

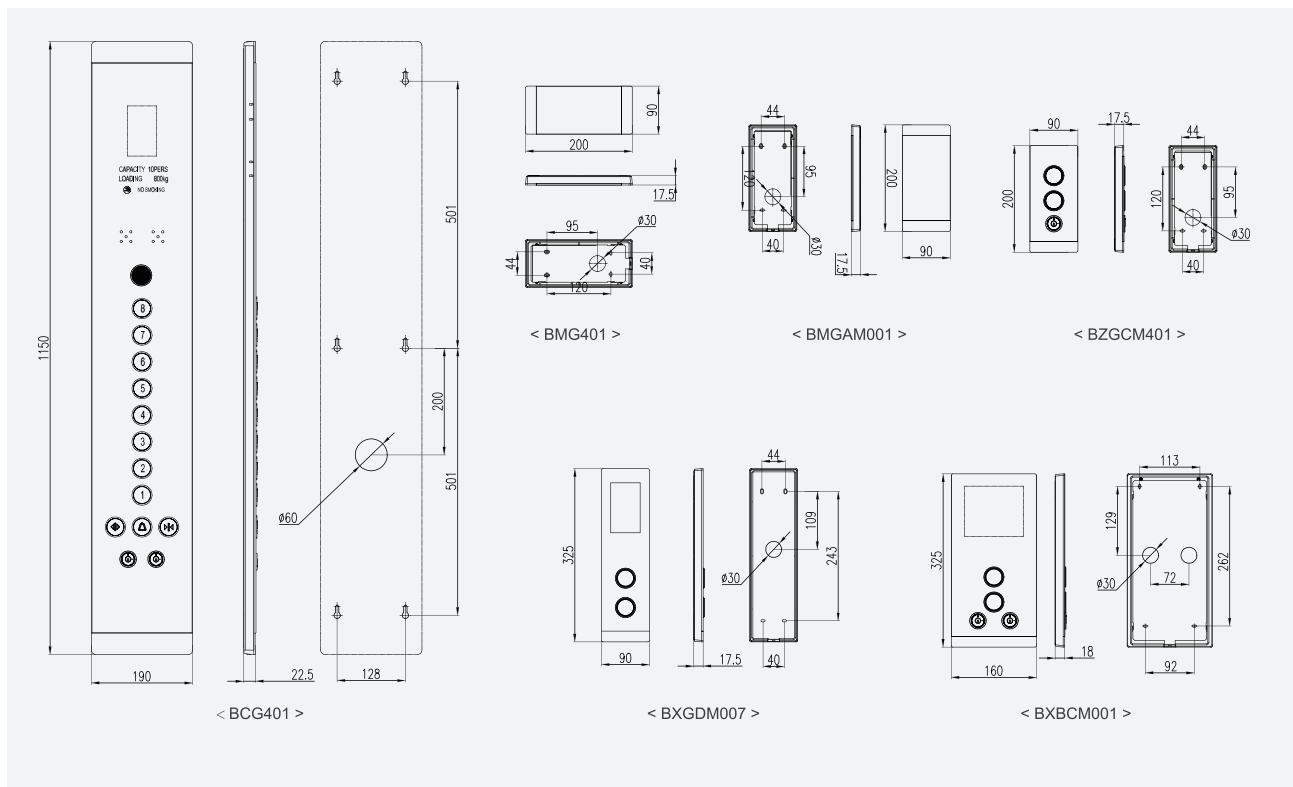
- Mounting: Surface type
- Material Optional: Black Glass + Hairline St/steel
Black Glass + Mirror St/steel
- Optional Button:



< MA1800 >
- Emergency Light: MA1C03
- Keyswitch: A4P72774
- Toggle Switch: Optional
- LED Colour: ■ ■ ■

Display Type	BCG401	BXGDM007	BXBCM001	BZGCM001	BMG401	BMGAM001
Parallel	BVD201	BVD201	BVD201	/	BVX330	BVD201
RS485 Monarch Protocol	/	/	/	/	/	/

Figure & Installation Dimension(mm)



BCK191 Series

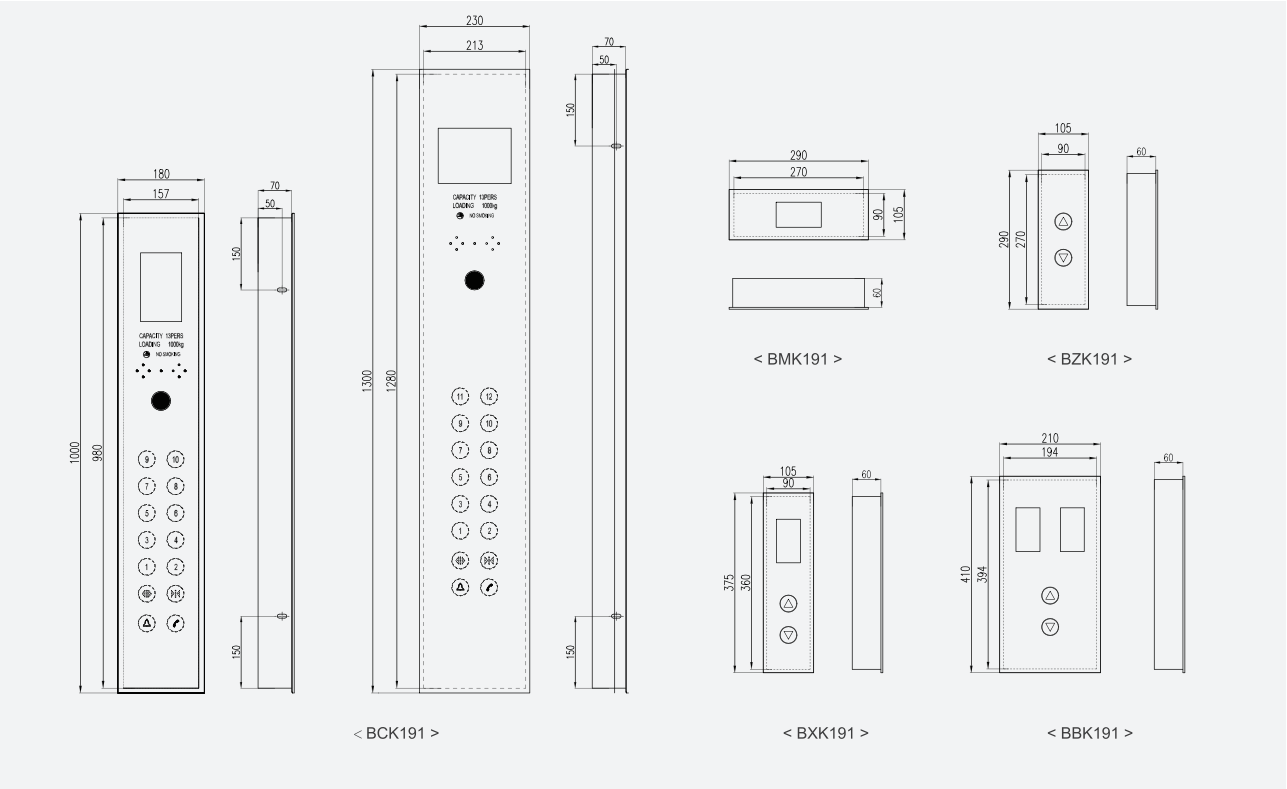


Feature & Specification

● Mounting: Flush type
● Material Optional: White Glass Black Glass
● Optional Button:  < HA2800 >
● Emergency Light: MA1C03
● Keyswitch: BAS12G
● Toggle Switch: /
● LED Colour: ■ ■ ■

Display	Type	BCK191	BXK191/BBK191	BZK191	BMK191
Parallel		BVD291/BVP07013	BVD231/ BVP04316	/	BVD262/BVP04316
RS485 Monarch Protocol		R600 / R610 / R630 / T647	R60M / R61M / R63M / T640	/	/

Figure & Installation Dimension(mm)





TFT Touch Series

Multimedia displays

TFT Touch Series



BVT1042
10.4" display



BVT12101
12.1" display



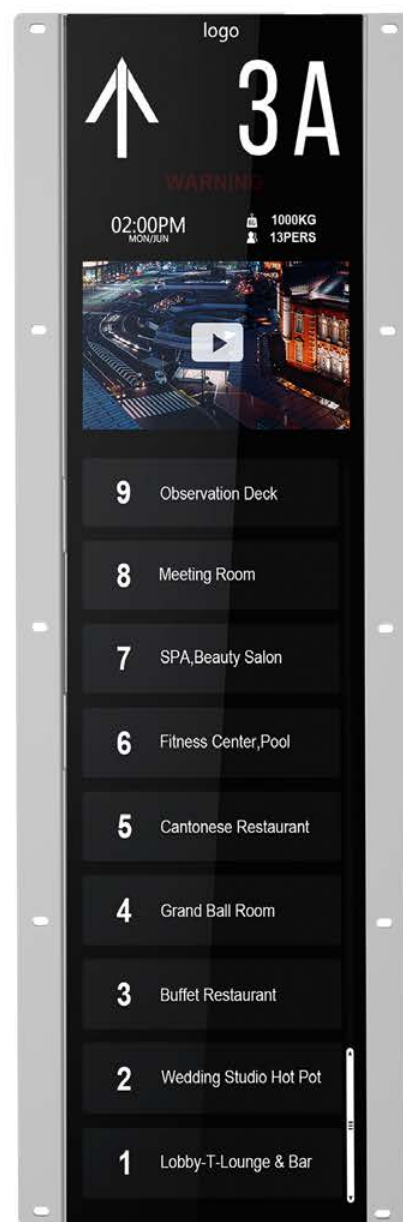
BVT15002
15.0" display



BVT13301
13.3" display



BVT29001
29" display



BVT38001
38" display

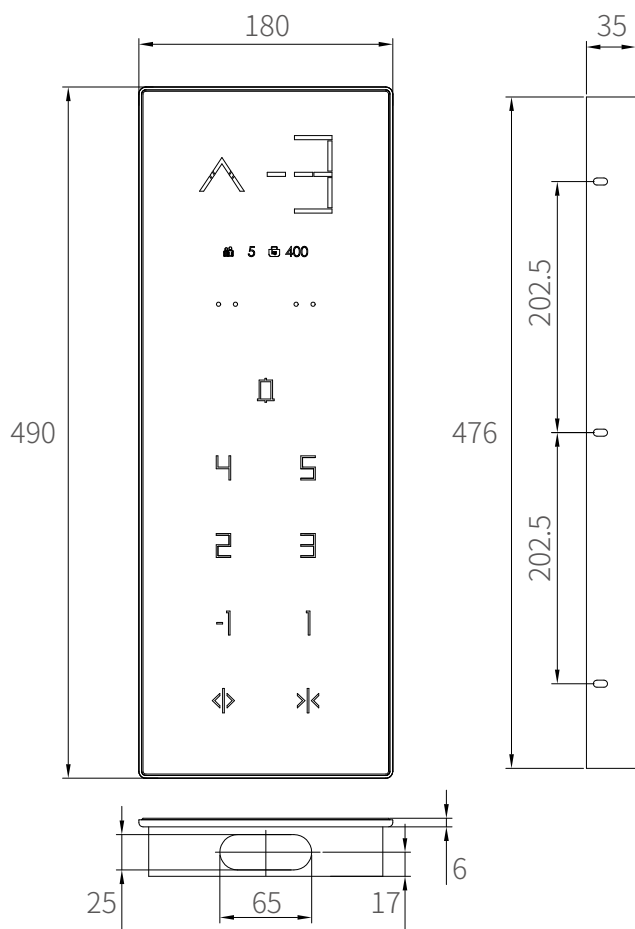
BCKCM/BXGCM Series

COP: BCKCM005

Appearance



Dimensions



490 x 180 x 35 (mm)

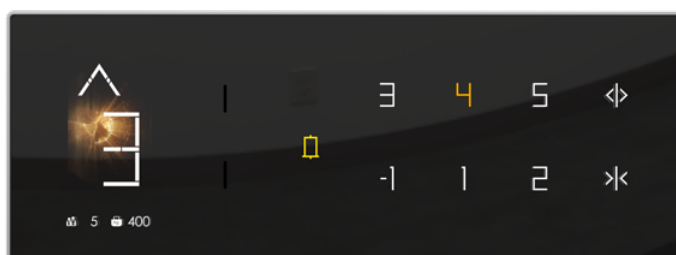
Configurations

Panel Material	Frame	Number of Landings	Display Module	Button	One-Touch Dialing	Installation Mode
Tempered glass	ABS spray painting	6	5-inch TFT	Touch button	Help button (optional)	Embedded

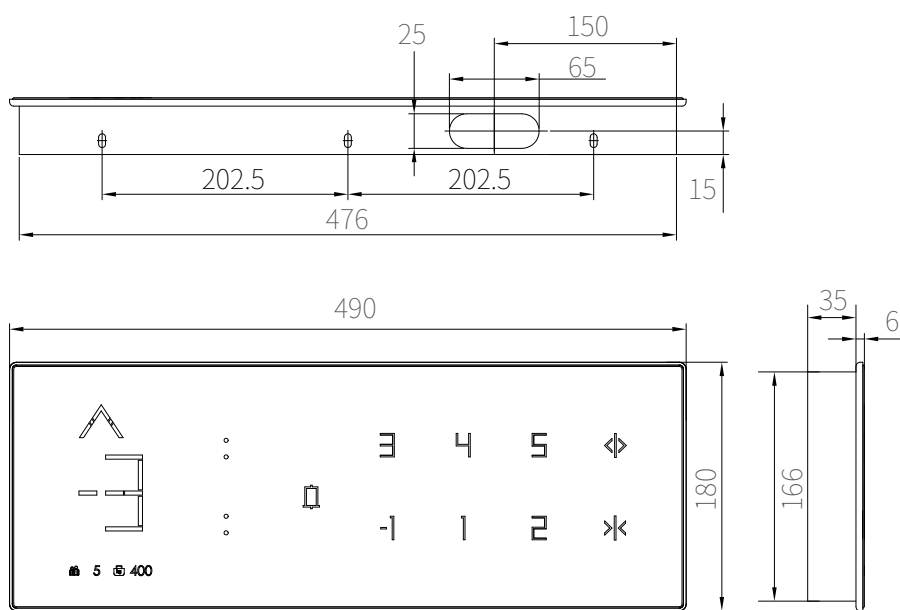
BCKCM/BXGCM Series

COP: BCKCM006

Appearance



Dimensions



180 x 490 x 35 (mm)

Configurations

Panel Material	Frame	Number of Landings	Display Module	Button	One-Touch Dialing	Installation Mode
Tempered glass	ABS spray painting	6	5-inch TFT	Touch button	Help button (optional)	Embedded

BCKCM/BXGCM Series

LOP1: BXGCM001

Appearance

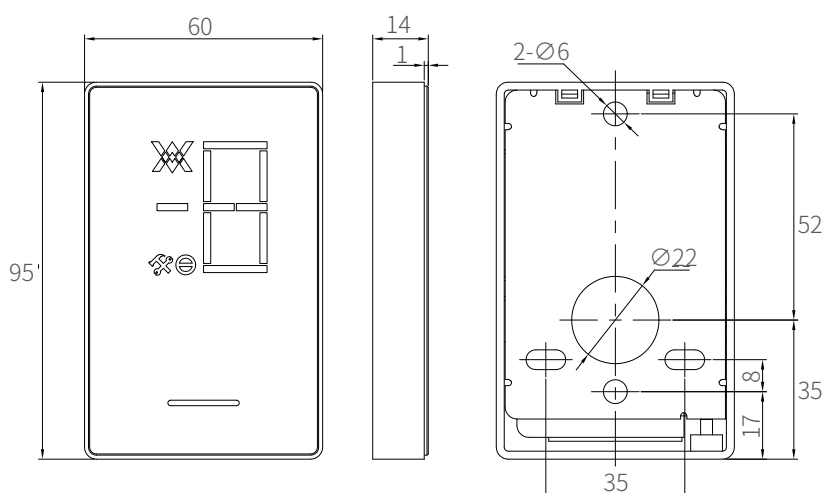


Black



Black - Chinese Style

Dimensions



95 x 60 x 14 (mm)

Configurations

Panel Material	Frame	Display Module	Button	Installation Mode
Tempered glass	ABS spray painting	Segment display	Touch button	Wall-mounted

BCKCM/BXGCM Series

LOP2: BXGCM002

Appearance

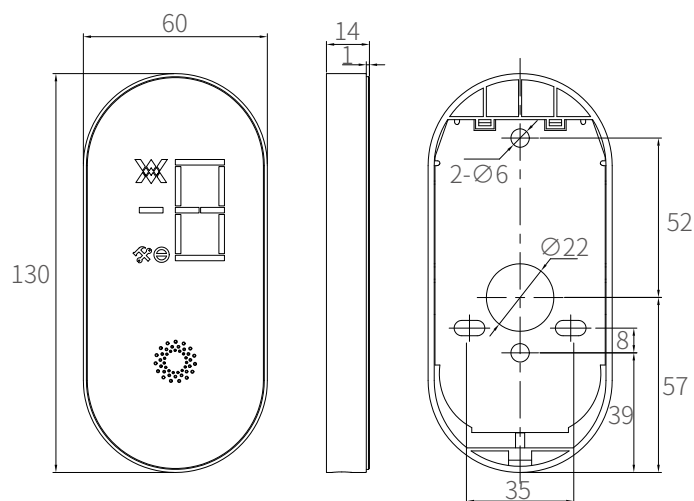


Black



Black - Chinese Style

Dimensions



130 x 60 x 14 (mm)

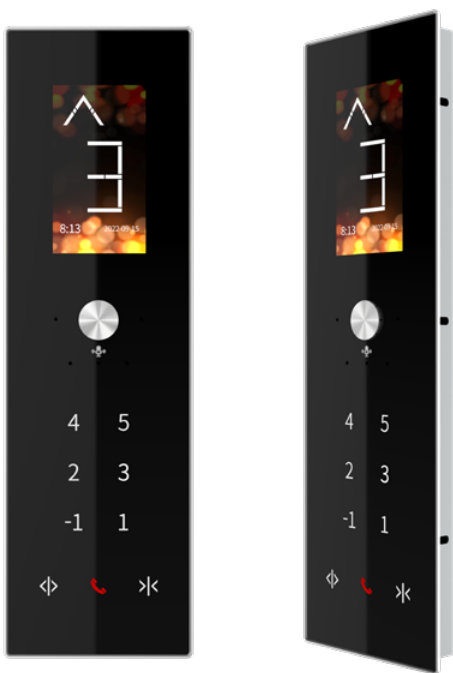
Configurations

Panel Material	Frame	Display Module	Button	Installation Mode
Tempered glass	ABS spray painting	Segment display	Touch button	Wall-mounted

MAGO10 Series

COP: MAGO10-CK-GCK-01

Appearance

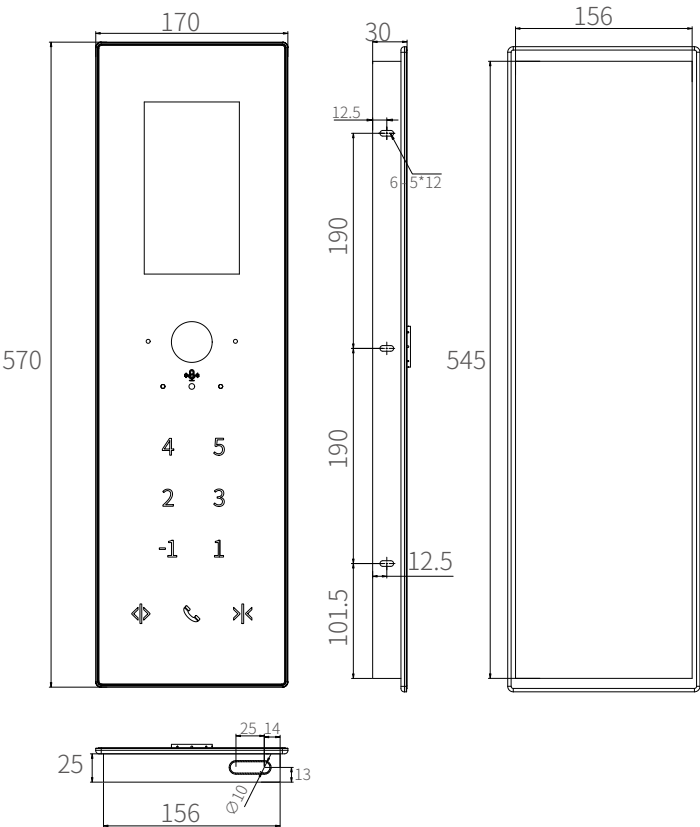


Touch button



One-touch dialing

Dimensions



570 x 170 x 30 (mm)

Configurations

Panel Material	Frame	Number of Landings	Display Module	Button	Installation Mode	One-Touch Dialing
Tempered glass	ABS spray painting (Silver)	6	7-inch TFT	Touch button	Embedded	Help button (Optional)

MAGO10 Series

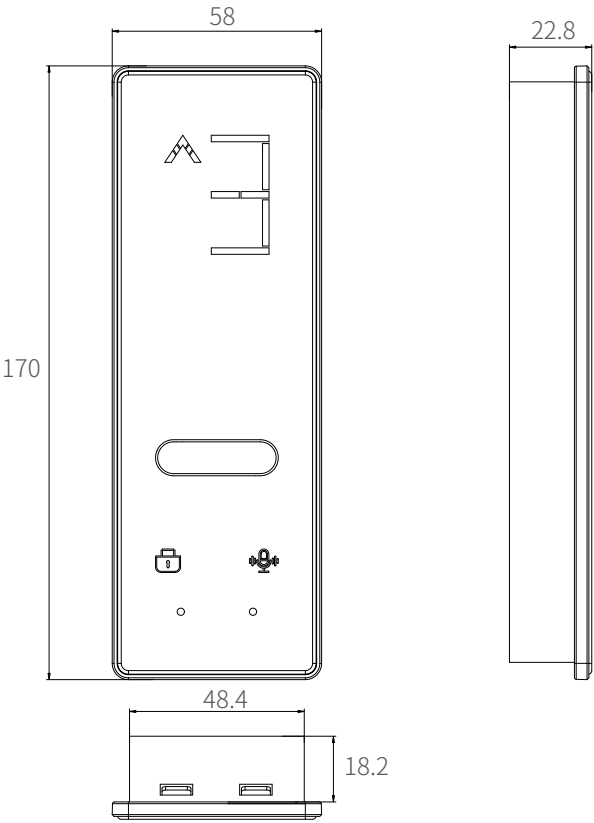
LOP1: MAGO10-ZX-KBF-01

○ Appearance



Child safety lock

○ Dimensions



170 x 58 x 22.8 (mm)

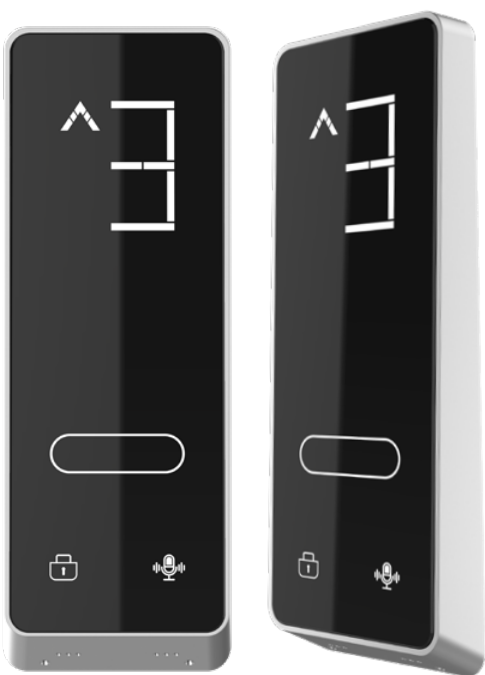
○ Configurations

Panel Material	Frame	Display Module	Button	Installation Mode	Remote Controller
Tempered glass	ABS spray painting (Silver)	White segment display	Touch button	Embedded	Optional

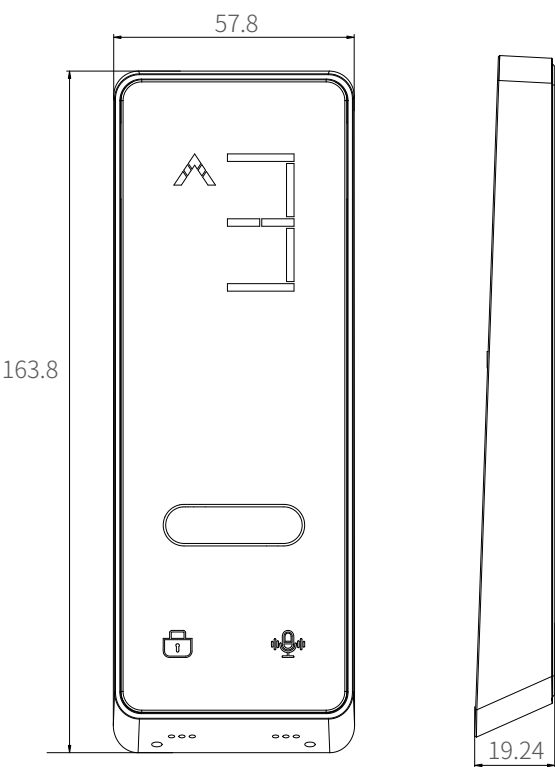
MAGO10 Series

LOP2: MAGO10-ZX-GKS-01

Appearance



Dimensions



Child safety
lock

163.8 x 57.8 x 19.24 (mm)

Configurations

Panel Material	Frame	Display Module	Button	Installation Mode	Remote Controller
Tempered glass	ABS spray painting (Silver)	White segment display	Touch button	Wall-mounted	Optional

MAGO10 Series

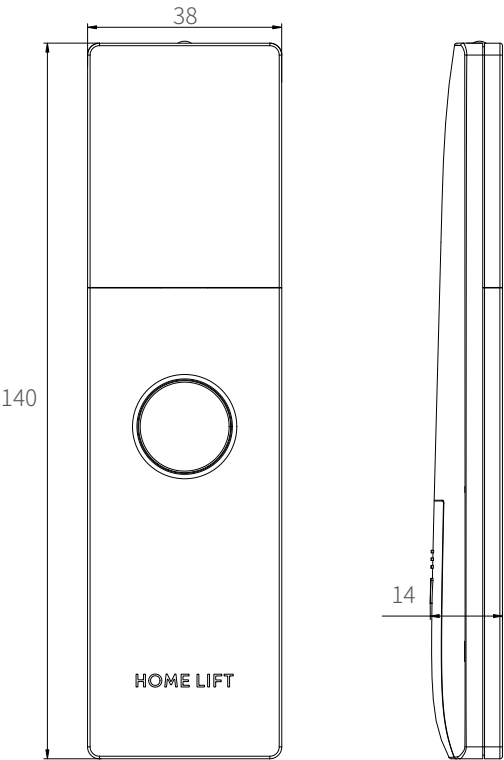
Remote controller: MAGO10-UC-01

Appearance



Remote control

Dimensions



140 x 38 x 14 (mm)

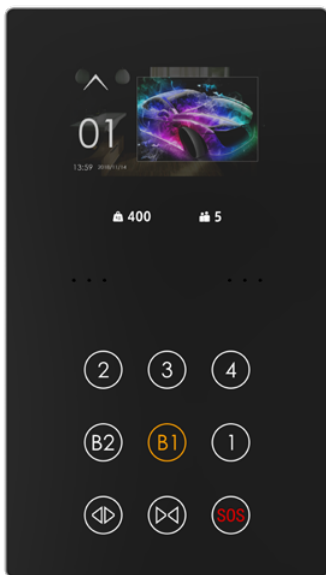
Configurations

Panel Material	Frame	Button	Remote Control Distance
ABS injection molding	Display window made of dark gray acrylic	Physical button	5 m

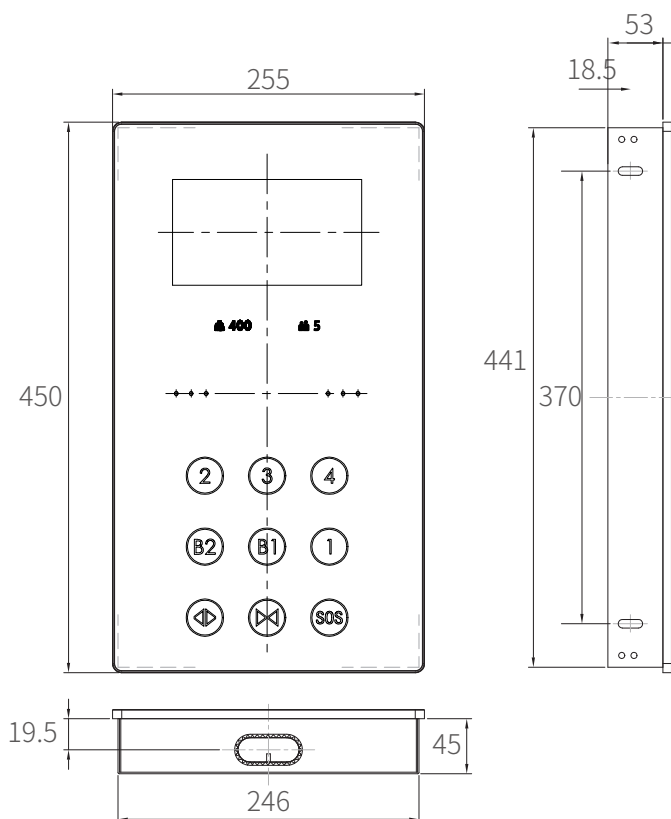
BCKCF/BXG Series

COP: BCKCF006

Appearance



Dimensions



450 x 255 x 53 (mm)

Configurations

Panel Material	Frame	Number of Landings	Display Module	Button	One-Touch Dialing	Installation Mode
Tempered glass	Aluminum alloy	6	7-inch TFT	Touch button	Help button (optional)	Embedded

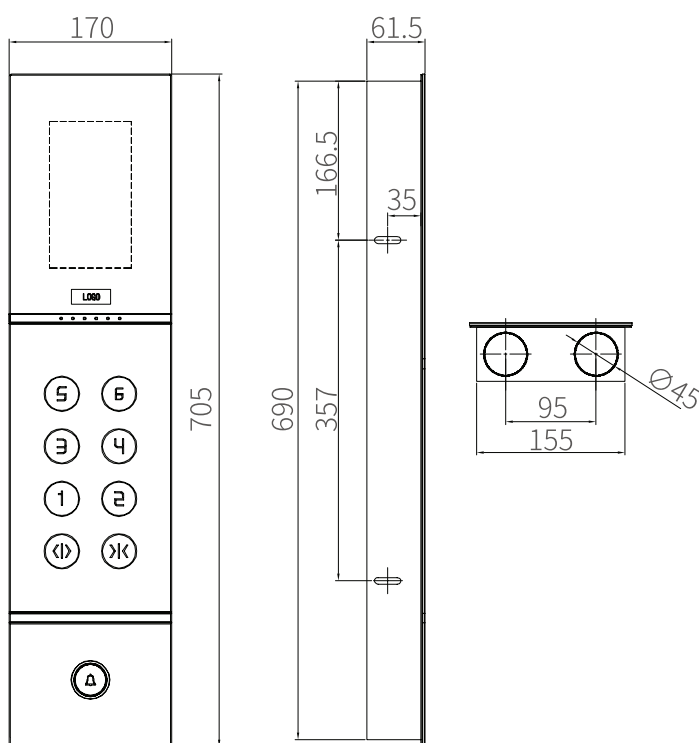
MCTC/BXGFM Series

MCTC00-CK-GCP-01

Appearance



Dimensions



705 x 170 x 61.5 (mm)

Configurations

Panel Material	Number of Landings	Display Module	Button	Installation Mode	One-Touch Dialing
Black tempered glass	6	7-inch TFT	Touch button	Embedded	Help button (optional)

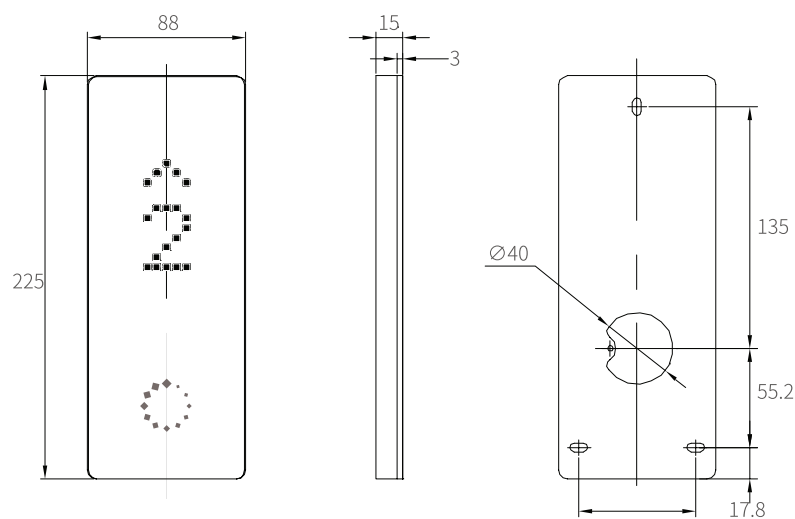
MCTC/BXGFM Series

BXGFM048

Appearance



Dimensions



225 x 88 x 15 (mm)

Configurations

Panel Material	Display Module	Button	Installation Mode
Black tempered glass	4.3-inch TFT/dot matrix	Touch button	Wall-mounted

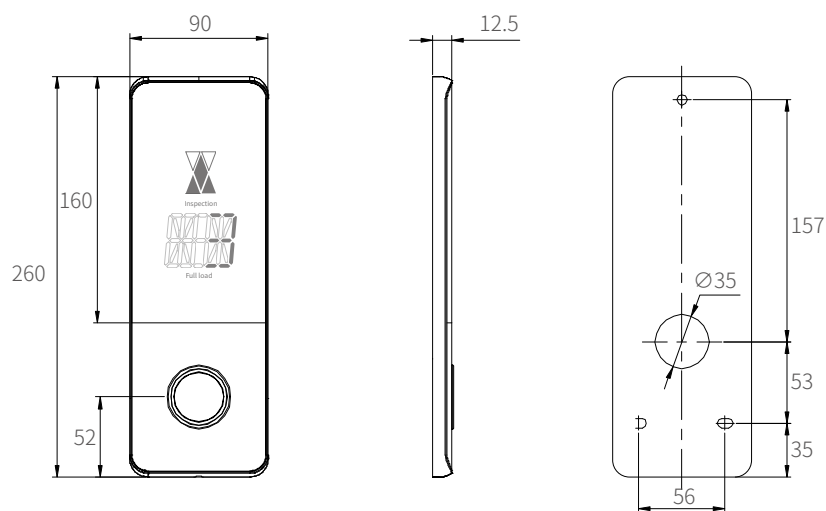
MCTC/BXGFM Series

BXGFM034

Appearance



Dimensions



260 x 90 x 12.5 (mm)

Configurations

Panel Material	Display Module	Button	Installation Mode
PC+ stainless steel	Segment/Dot matrix display	Physical button	Wall-mounted



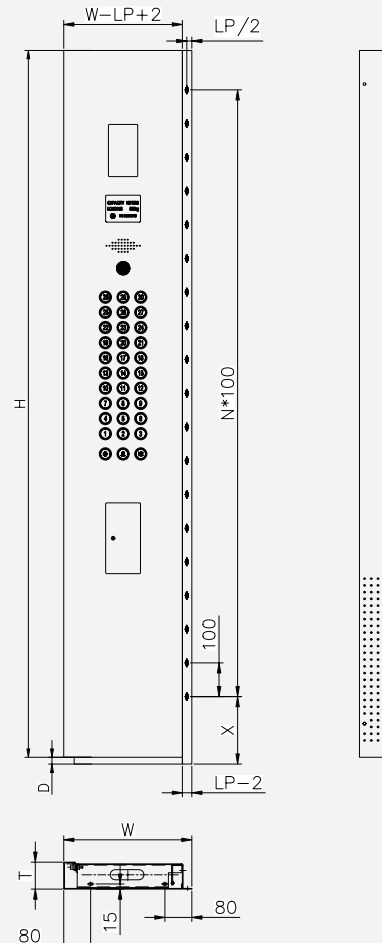
BCHAM005 Series

Feature & Specification

● Mounting: Front Wall type	● Emergency Light: MA1C03
● Material Optional: Mirror St/steel Hairline St/steel	● Keyswitch: A4P72774
	● Toggle Switch: Optional
● Optional Button:   < BAMSC007 > < MA2J00 >	● LED Colour: ■ ■ □

Display	Type	BCHAM005
Parallel		BVL131 / BVD291 / BVP07013
RS485 Monarch Protocol		R600 / R610 / R630 / T647/ D634

Figure & Installation Dimension(mm)





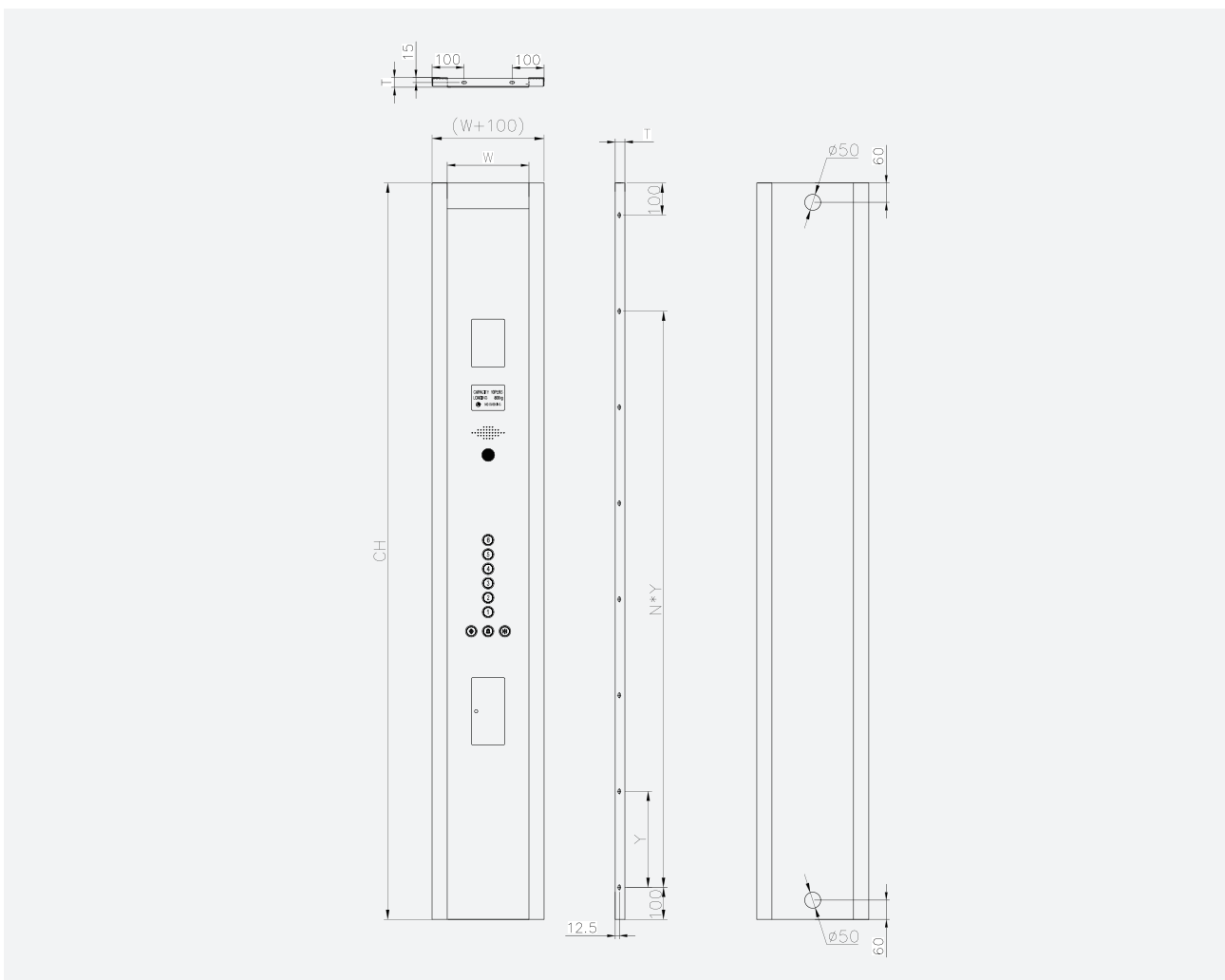
BCCFM001 Series

Feature & Specification

● Mounting: Side Wall type	● Emergency Light: MA1C03
● Material Optional: Mirror St/steel Hairline St/steel	● Keyswitch: A4P72774
● Optional Button:	● Toggle Switch: Optional
 < MA1800 >	● LED Colour: ■ ■ □

Display \ Type	BCCFM001
Parallel	BVL131 / BVD291 / BVP07013
RS485 Monarch Protocol	R600 / R610 / R630 / T647/ D634

Figure & Installation Dimension(mm)



Display Series

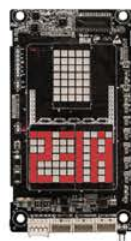
Dot Matrix Display



BVD291



BVD231



MCTC-HCB-R600 (Red)
MCTC-HCB-R610 (Orange)
MCTC-HCB-R630 (White)



MCTC-HCB-R60M (Red)
MCTC-HCB-R61M (Orange)
MCTC-HCB-R63M (White)

Segment Display



BVC100A



BVL121



BVL131

LED Display

4.3" LED segment display

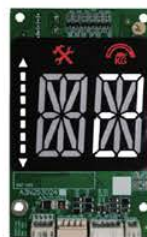


MCTC-HCB-D634 (White)
MCTC-HCB-D614 (Orange)
MCTC-HCB-D604 (Red)

6.4" LED segment display



MCTC-HCB-D635 (White)
MCTC-HCB-D605 (Red)
MCTC-HCB-D615 (Orange)



BVLSV032-485



MCTC-HCB-D63L-485

LCD Display

4.3" LCD segment display



MCTC-HCB-U673

(White text with Blue background)

MCTC-HCB-U633

(White text with Black background)

6.4" LCD segment display



MCTC-HCB-U671

(White text with Blue background)

MCTC-HCB-U631

(White text with Black background)

TFT/ Media Display



BVP04316
(4.3")



MCTC-HCB-T647/S
(7")



MCTC-HCB-M61B/S
(12.1")



MCTC-HCB-M61C/S
(15")

Button Series



BAMSC007



MORD10-AM-SC



MA1Z00



BAS101



BAS181



BAMSS002



BAS240



BAMSC043



MA1800



BATFC001



MA2J00



BAS230

Hoistway Fixture Series



*European Standards Products



Emergency light
BY133



Alarm Box
BJ932



Alarm Box
BJ931



Pit Inspection Box
BJ344



Pit Inspection Box
MBT-PIB-A22



Emergency
Stop Button Box
BJ372



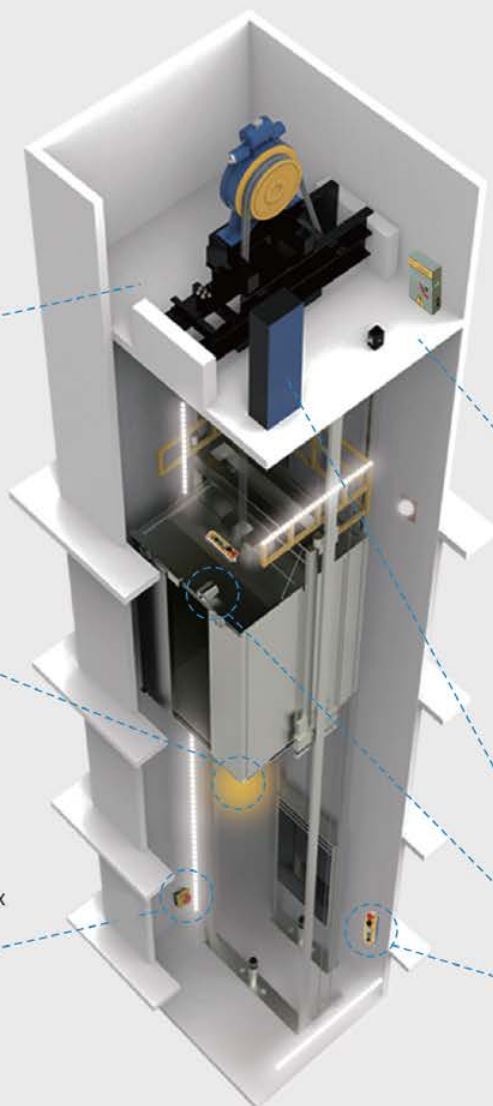
Power
Supply Box
MBT-MS-X



Handheld
Inspection Box
BJ431

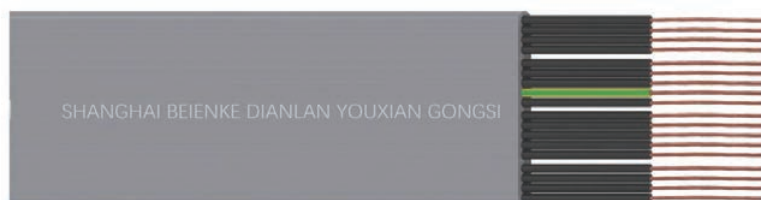


Inspection
Box
BJ151



For low rise elevator– PVC

Structure and Schematic Drawing



Product Information

Cable Structure	Conductor comply with GB/T 3956 sheet 3 or IEC60228 class 5		
	Insulation comply with GB/T 5023 sheet 1 PVC/D insulation		
	Color Code GB/T 5023.1, over six cores:black skin with white nubmer + yellow green wire		
	Sheath comply with GB/T 5023.1 sheet 2 PVC/TM2		
Technical Characteristics	Rate voltag Uo/U: 300/500V (450/750V)	Mechanical Properties	Free suspension length≤45m (55m)
	Voltage Test: 2000V(2500V)		Travelling height≤80m (100m)
	Work temperature scope: -15℃~40℃		Running speed ≤2.5m/s (4m/s)
	Maximume conductor temperature: 70℃		Acceleration speed<0.8m/s ²
	Flame resistance: IEC 60332-1	Type	TVVB、TVVBP、H05VWH6-F、H07VWH6-F
Environmentally friendly: RoHS			
Standards & certification	GB/T 5023.6, JB/T8734.6, IEC60227, EN50214, Q31/0115000467C003 alternative		
Application	Power and signal controlling between travelling car and cabinet		

Cable parameters

ID	Specification	Dimension(W*H)	Data elements	Reference Weight	Loop Size
4318014327	18*0.75	51.5Å4.5	NA	414	300Å50
4324013024	24*0.75	67.3Å4.5	NA	540	300Å50
4324014445	24*1	70.0Å4.8	NA	638	330Å50
4303013245	3*2.5	15.5Å6.2	NA	174	380Å50
4323114350	3G2.5+12*1+4*2P*0.34	66.8Å6.0	2P*0.34AL	710	300Å50
4319114477	3G1.5+10*0.75+3*2P*0.5	52.0Å5.8	2P*0.5AL	512	290Å50
4322114478	4G2.5+13*1+2*2P*0.34+TV	70.0Å7.0	2P*0.34AL TV	820	350Å50
4426114480	15*1+3G2.5+4*2P*0.5	83.3Å5.9	2P*0.5AL	885	295Å50
4330003040	30*0.75	38.7Å8.2	NA	616	410Å50
4341103151	36*0.75(+2*2P*0.75+TV)	60.7Å9.0	2P*0.75AL TV	847	450Å50
4364106236	60*0.75(+2*2P*0.5)	77.0Å8.5	2P*0.5AL	1160	430Å50

*G: yellow/green earth connection wire

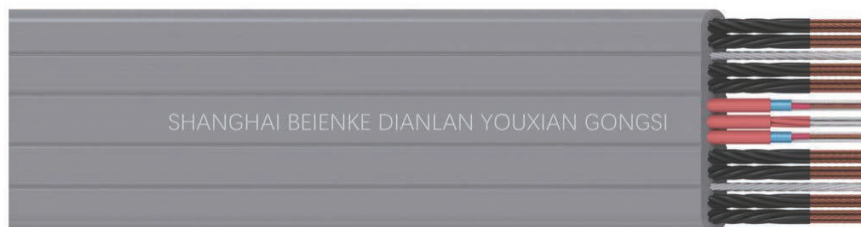
*LAN cable: Cat5e, Cat6, Cat7 alternative; TV: 75Ω coaxial cable; FO: multi-mode G62.5/125 or 50/125, single-mode G652D

*Cu: copper braiding; AL: aluminium foil binding; alternative

*Out of list demands please contact BNK technical dept

For middle rise elevator– PVC

Structure and Schematic Drawing



Product Information

Cable Structure	Conductor comply with GB/T 3956 sheet 3 or IEC60228 class 5		
	Insulation comply with GB/T 5023 sheet 1 PVC/D insulation		
	Color Code GB/T 5023.1, over six cores:black skin with white nubmer + yellow green wire		
	Sheath comply with GB/T 5023.1 sheet 2 PVC/TM2		
Technical Characteristics	Rate voltag U ₀ /U: 300/500V (450/750V)	Mechanical Properties	Free suspension length≤80m
	Voltage Test: 2000V(2500V)		Travelling height≤150m
	Work temperature scope: -20℃~40℃		Running speed≤4m/s
	Maximume conductor temperature: 70℃		Acceleration speed <1.2m/s ²
	Flame resistance: IEC 60332-1	T ype	TWBG, TVBPG, H05WD3H6-F, H07WD3H6-F
	Environmentally friendly: RoHS		
Standards & certification	GB/T 5023.6, JB/T8734.6, IEC60227, EN50214, Q31/0115000467C003 alternative		
Application	Power and signal controlling between travelling car and cabinet		

Cable parameters

ID	Specification	Dimension (W*H)	Data elements	Support elements	Reference Weight	Loop Size
4406003007	6*0.75(+2*G)	24.5Å5.0	NA	2× ϕ 1.59	198	350Å50
4412003014	12*0.75(+2*G)	44.0Å5.0	NA	2× ϕ 1.59	344	350Å50
4418014328	18*0.75(+2*G)	57.5Å4.6	NA	2× ϕ 1.59	453	330Å50
4424003023	24*0.75(+2*G)	70.6Å5.0	NA	2× ϕ 1.59	605	350Å50
4403014211	3*2.5(+2*G)	21.9Å6.2	NA	2× ϕ 1.59	265	380Å50
4430003041	30*0.75(+2*G)	48.9Å8.2	NA	2× ϕ 3.0	765	450Å50
4440214916	28*0.75+(2*2P)*0.75+CAT6(+2*G)	63.7Å8.8	2P*0.75Cu Cat 6	2× ϕ 3.0	958	450Å50
4434104023	30*0.75(+2*2P*0.75)(+2*G)	57.3Å8.2	2P*0.75AL	2× ϕ 2.5	776	450Å50
4434203203	30*0.75(+2*2P*0.75)(+2*G)	57.3Å8.2	2P*0.75Cu	2× ϕ 2.5	818	450Å50
4435104194	30*0.75(+2*2P*0.75+TV)(+2*G)	65.1Å9.0	2P*0.75AL TV	2× ϕ 3.0	950	500Å50
4436003047	36*0.75(+2*G)	51.7Å8.9	NA	2× ϕ 2.5	789	500Å50
4440103149	36*0.75(+2*2P*0.75)(+2*G)	65.1Å9.0	2P*0.75AL	2× ϕ 3.0	978	500Å50
4440203212	36*0.75(+2*2P*0.75)(+2*G)	64.1Å8.9	2P*0.75Cu	2× ϕ 3.0	953	500Å50
4441103152	36*0.75(+2*2P*0.75+TV)(+2*G)	70.9Å9.0	2P*0.75AL TV	2× ϕ 3.0	1081	500Å50
4441203280	36*0.75(+2*2P*0.75+TV)(+2*G)	68.7Å9.0	2P*0.75Cu TV	2× ϕ 3.0	1051	500Å50
4440006231	40*0.75(+2*G)	58.5Å8.0	NA	2× ϕ 2.5	870	450Å50
4444106230	40*0.75(+2*2P*0.5)(+2*G)	66.5Å8.0	2P*0.5AL	2× ϕ 2.5	920	450Å50
4448106238	40*0.75(+2*2P*0.75+4*G50/125)(+2*G)	79.6Å8.0	2P*0.5AL G50/125	2× ϕ 2.5	1130	450Å50

*G: steel rope support elements

*LAN cable: Cat5e, Cat6, Cat7 alternative; TV: 75 coaxial cable; FO: multi-mode G62.5/125 or 50/125, single-mode G652D

*Cu: copper braiding AL: aluminium foil binding; alternative

*Out of list demands please contact BNK technical dept

For high speed & high rise elevator - PVC

Structure and Schematic Drawing



Product Information

Cable Structure	Conductor comply with GB/T 3956 sheet 3 or IEC60228 class 5		
	Insulation comply with GB/T 5023 sheet 1 PVC/D insulation		
	Color Code GB/T 5023.1, over six cores:black skin with white nubmer + yellow green wire		
	Sheath comply with GB/T 5023.1 sheet 2 PVC/TM4		
Technical Characteristics	Rate voltag Uo/U: 300/500V (450/750V)	Mechanical Properties	Free suspension length≤220m
	Voltage Test: 2000V(2500V)		Travelling height≤400m
	Work temperature scope: -20℃~40℃		Running speed≤12m/s
	Maximume conductor temperature: 70℃	T type	Acceleration speed<1.2m/s²
	Flame resistance: IEC 60332-1		Power and signal controlling between travelling car and cabinet
	Environmentally friendly: RoHS		
Standards & certification	JB/T8734.6, IEC60227, EN50214, Q31/0115000467C003 alternative		
T ype	TVVBG, TVVBPG, THVBPG, H05VVD3H6-F, H05V3V3D3H6-F, H07VVD3H6-F		

ID	Specification	Dimension (W*H)	Data elements	Support elements	Reference Weight	Loop Size
4448115195	29*0.75+5*2P*0.75+8*2+TV(+2*G)	105.6Å9.5	2P*0.75AL	2× ∅ 3.0	1570	550Å50
4471000000	48*0.75+10*2+2*6P*0.75+TV(+2*G)	117.9Å12.7	6P*0.75AL	2× ∅ 5.0	2560	650Å50
4455115238	6*2.5+40*0.75+2*2P*0.75+1*2P*0.75+1*2(+2*G)	108.8Å10.4	2P*0.75AL	2× ∅ 4.0	2035	550Å50
4457104485	40*0.75+4*2P*0.75+CAT5e+TV(+2*G)	96.7Å9.4	2P*0.75AL	2× ∅ 4.0	1570	650Å50
4460006233	60*0.75(+2*G)	80.5Å8.5	NA	2× ∅ 4.0	1300	480Å50
4464106237	60*0.75(+2*2P*0.5)(+2*G)	88.0Å8.5	2P*0.5AL	2× ∅ 4.0	1400	480Å50
4468106239	60*0.75(+2*2P*0.75+4*G50/125)(+2*G)	97.0Å8.8	2P*0.34AL TV	2× ∅ 4.0	1550	500Å50

*G: steel rope support elements

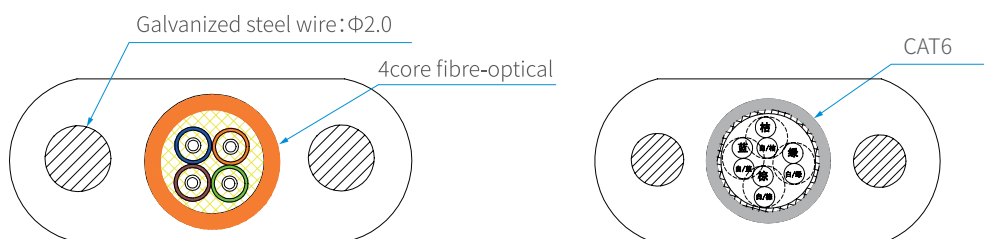
*LAN cable: Cat5e, Cat6, Cat7 alterna coaxial cable; FO: multi-mode G62.5/125 or 50/125, single-mode G652D

*Cu: copper braiding; AL: aluminium foil binding; alternative

*Out of list demands please contact BNK technical dept

Elevator modification travelling cable-PVC

Structure and Schematic Drawing



Product Information

Cable Structure	Conductor comply with GB/T 3956 sheet 3 or IEC60228 class 5		
	Insulation comply with GB/T 5023 sheet 1 PVC/D insulation		
	Sheath comply with GB/T 5023.1 sheet 2 PVC/TM2		
	Color Code GB/T 5023.1, over six cores:black skin with white nubmer + yellow green wire		
Technical Characteristics	Rate voltag U ₀ /U: 300/500V (450/750V)	Mechanical Properties	Free suspension length ≤80m
	Voltage Test: 2000V(2500V)		Travelling height ≤150m
	Work temperature scope: -20°C~40°C		Running speed ≤4m/s
	Maximum conductor temperature: 70°C		Acceleration speed <1.2m/s ²
	Flame resistance: IEC 60332-1	Type	TVVBG, TVBPG
Environmentally friendly: RoHS			
Standards & certification	GB/T 5023.6, IEC60227, EN50214, Q31/0115000467C003 alternative		
Application	Power and signal controlling between travelling car and cabinet, mainly focus on elevator modification on function compensation		

Cable parameters

ID	Specification	Dimension (W*H)	Data elements	Reference Weight	Loop Size
4401504174	SYV-75-4	17.9Å10.0	TV	274	500Å50
4401504632	SYV-75-4-P	17.9Å10.0	TV	220	500Å50
4408004456	CAT 5e	17.7Å9.0	Cat5e	202	450Å50
4408004631	CAT 6	17.7Å9.0	Cat5e	202	450Å50
4404004633	4*62.5/125(4*A1b)	15.7Å7.8	G62.5/125	167	390Å50
4410004444	2*1.0+CAT5e	23.4Å9.0	Cat5e	274	450Å50
4411304362	2*2.5+CAT5E+TV	35.4Å8.9	Cat5e TV	389	445Å50
4403004060	2*1.0+TV (SYV75-5)	22.7Å8.4	TV	253	420Å50
4413204440	(2*2P)*0.75+CAT5e+TV	39.0Å8.7	2P0.75Al Cat5e TV	429	435Å50

*LAN cable: Cat5e, Cat6, Cat7 alternative; TV: 75Ω coaxial cable; FO: multi-mode G62.5/125 or 50/125, single-mode G652D

*Cu: copper braiding; AL: aluminium foil binding; alternative

*Out of list demands please contact BNK technical dept

Hall Lantern Series



BFK212



BFG371



BFG163



BF531

Intercom Series



BH211 Five Way Intercom

- Input: DC 12V/24V
- 5-way single control intercom
- Communication distance is up to 500m
- Sound $\geq 70\text{dB}$
- Maximum audio current $\leq 200\text{mA}$
- Working Temperature: $-30^{\circ}\text{C} \sim 60^{\circ}\text{C}$



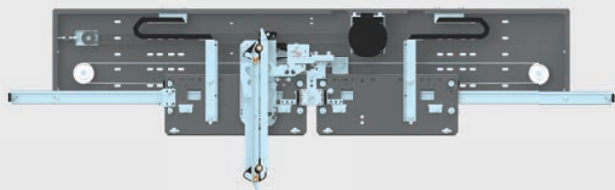
BH201 Group call Intercom

- Input: DC 12V~24V
- 5-way group call Intercom
- Communication distance is up to 1000 m
- Sound $\geq 70\text{dB}$
- Maximum audio current $\leq 250\text{mA}$
- Working Temperature: $-20^{\circ}\text{C} \sim 60^{\circ}\text{C}$

Door System



Heavy duty J2500 Center opening 2-panel Car door

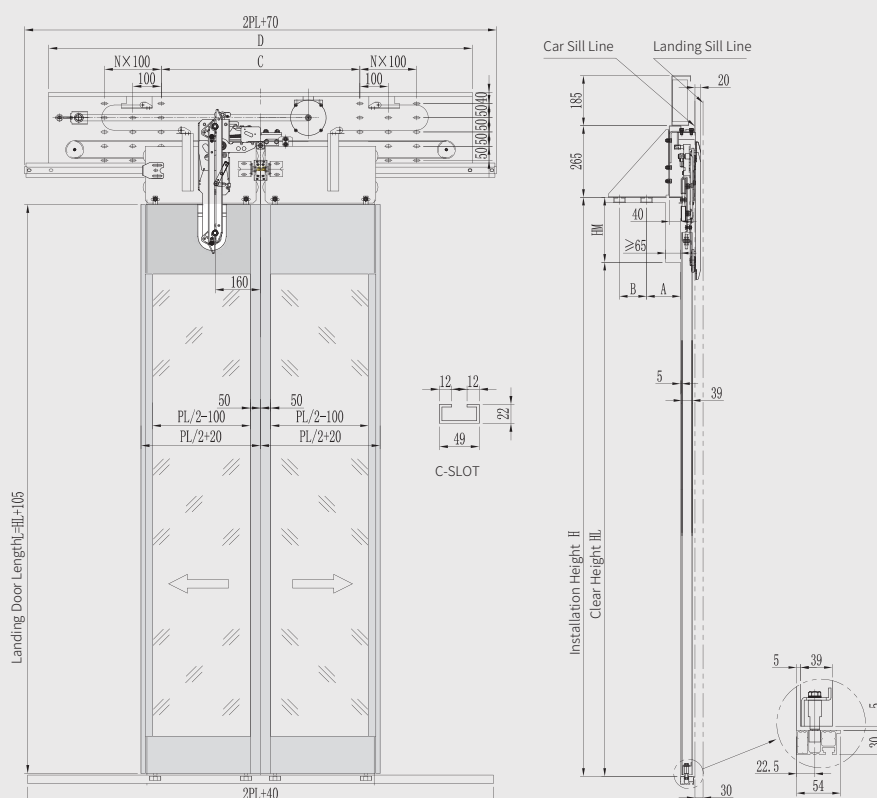


Features

- Car door system with gateballs located on both sides of the door vane and synchronous transmission for simple mechanical structure, reduced mechanical failures and greatly improved reliability of products. Light weight and easy installation and maintenance.
- Closed-loop control, real-time control of running speed and position and functions of traditional travel switch, bow-shaped metal part and cam switch integrated on software.
- Excellent auto-tuning function and built-in optimized operation curve for greatly reduced debugging.
- Great part commonality for low inventory needs and operating costs.

Technical Specifications

HL	2000~2500 mm	PL	600~1200 mm
Motor model	YCT125ST-13	Door drive	NICE900/ BG221
Rating	2.3 Nm/ 47 W	Door height	HL+105 mm
Max. drag	160 kg	Door panel type	1.0/ 1.2 mm (0.6mm SS cladding optional)
Max. opening	600~1200 mm	Sil width	54 mm (standard aluminium sil)
Noise level	≤58 dB	IP rating	IP20

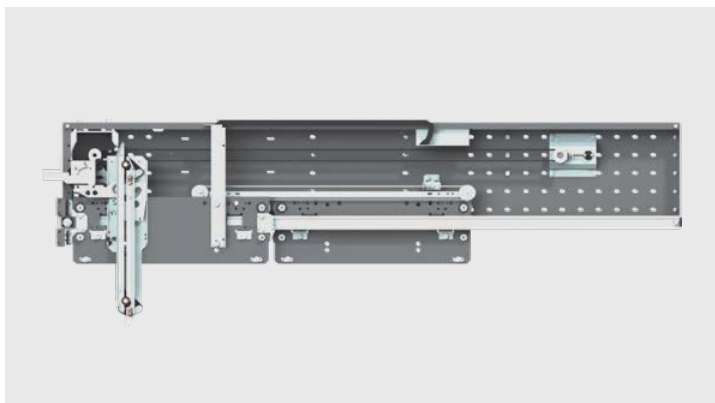




- In line with the requirements of GB/T 7588-2020 and EN81-20/50 standards.
- In compliance with the trend of energy conservation and environmental protection.
- European interfaces for door vanes with gateballs located bilaterally for European market needs.
- Ease of installation and adjustment for the landing door device and spring lock used for better performance

HL	2000~2500 mm	PL	600~1200 mm
Door jamb	50*70 mm	Door height	HL+05 mm
Sil width	54 mm (standard aluminium sil)	Door panel type	1.0/ 1.2 mm (0.6mm SS cladding optional)
IP rating	IP20		

Heavy duty J2500 Side opening 2-panel Car door

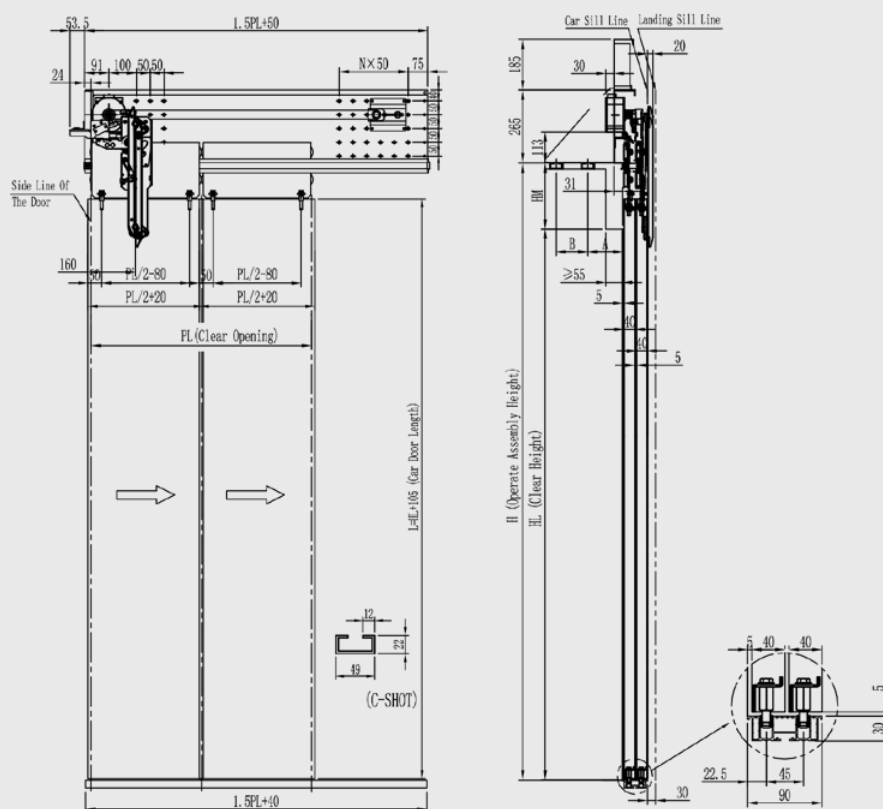


Features

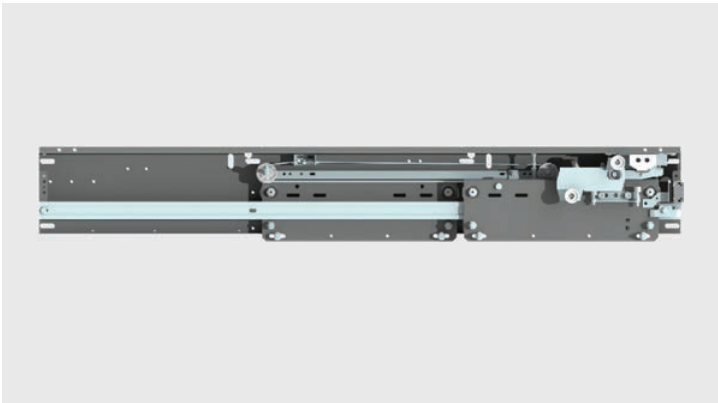
- Car door system with gateballs located on both sides of the door vane and synchronous transmission for simple mechanical structure, reduced mechanical failures and greatly improved reliability of products. Light weight and easy installation and maintenance.
- Closed-loop control, real-time control of running speed and position and functions of traditional travel switch, bow-shaped metal part and cam switch integrated on software.
- Excellent auto-tuning function and built-in optimized operation curve for greatly reduced debugging.
- Great part commonality for low inventory needs and operating costs.

Technical Specifications

HL	2000~2500 mm	PL	600~1200 mm
Motor model	YCT125ST-13	Door drive	NICE900/ BG221
Rating	2.3 Nm/ 47 W	Door height	HL+105 mm
Max. drag	160 kg	Door panel type	1.0/ 1.2 mm (0.6mm SS cladding optional)
Max. opening	600~1200 mm	Sil width	90 mm (standard aluminium sil)
Noise level	≤58 dB	IP rating	IP20



Heavy duty T2200 Side opening 2-panel Landing door

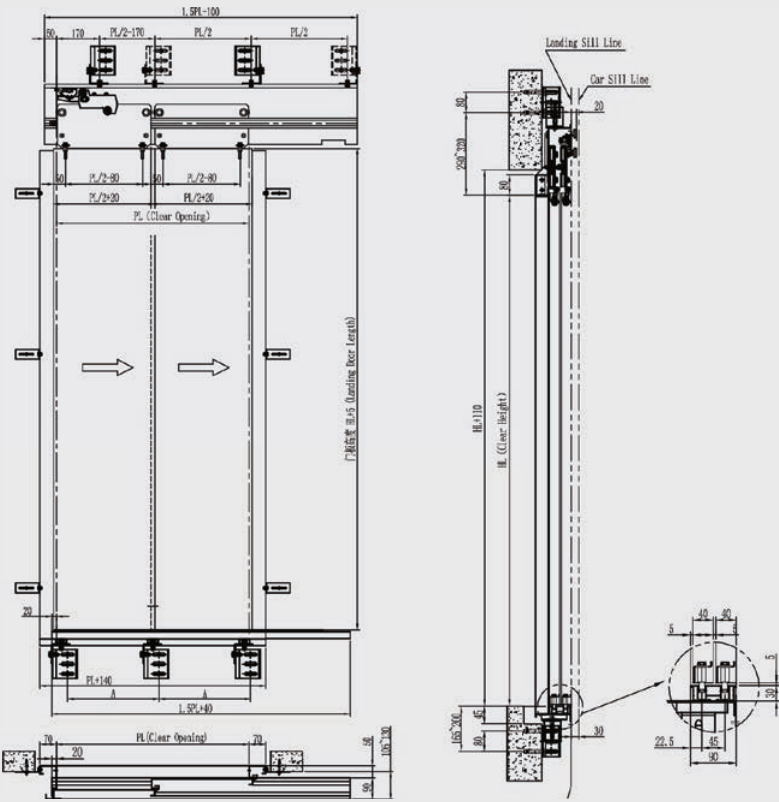


Features

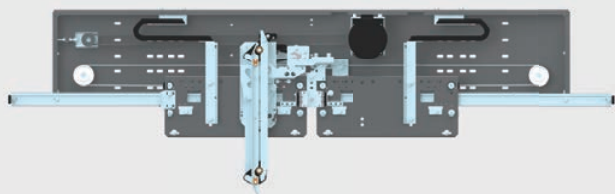
- In line with the requirements of GB/T 7588-2020 and EN81-20/50 standards.
- In compliance with the trend of energy conservation and environmental protection.
- European interfaces for door vanes with gateballs located bilaterally for European market needs.
- Ease of installation and adjustment for the landing door device and spring lock used for better performance

Technical Specifications

HL	2000~2500 mm	PL	600~1200 mm
Door jamb	50*70 mm	Door height	HL+05 mm
Sil width	90 mm (standard aluminium sil)	Door panel type	1.0/ 1.2 mm (0.6mm SS cladding optional)
IP rating	IP20		



Fireproof J2511 Center opening 2-panel Car door

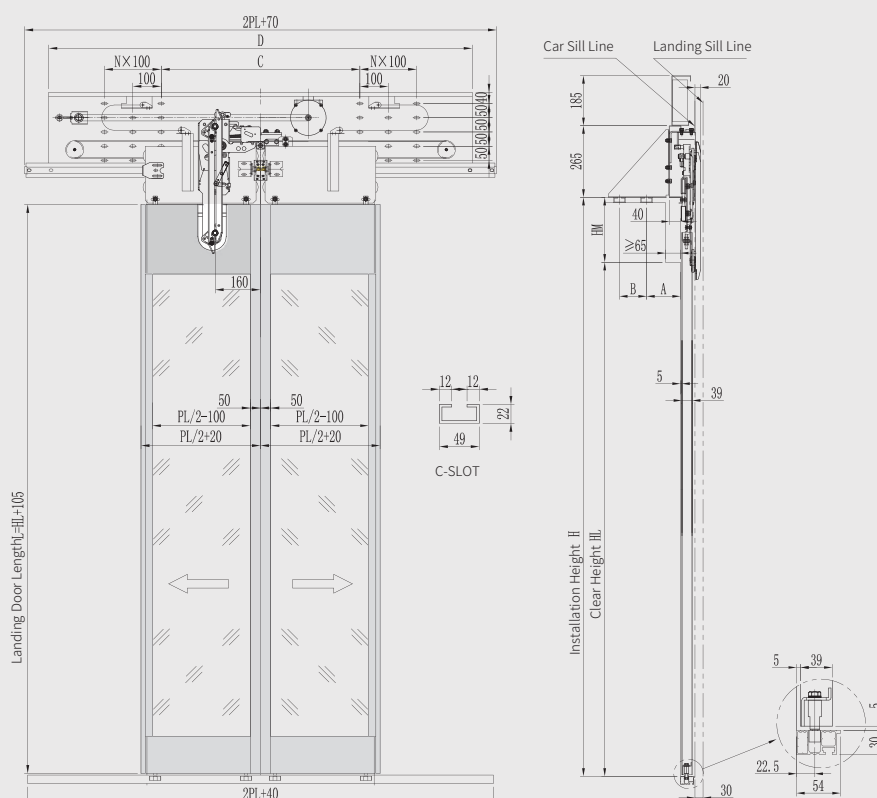


Features

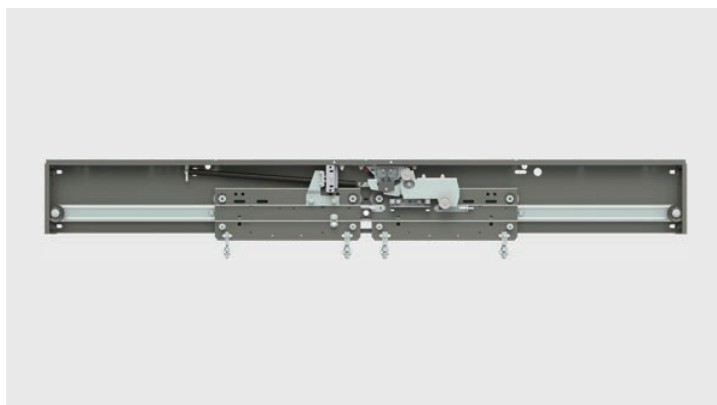
- Car door system with gateballs located on both sides of the door vane and synchronous transmission for simple mechanical structure, reduced mechanical failures and greatly improved reliability of products. Light weight and easy installation and maintenance.
- Closed-loop control, real-time control of running speed and position and functions of traditional travel switch, bow-shaped metal part and cam switch integrated on software.
- Excellent auto-tuning function and built-in optimized operation curve for greatly reduced debugging.
- Great part commonality for low inventory needs and operating costs.

Technical Specifications

HL	2000~2500 mm	PL	600~1200 mm
Motor model	YCT125ST-13	Door drive	NICE900/ BG221
Rating	2.3 Nm/ 47 W	Door height	HL+105 mm
Max. drag	160 kg	Door panel type	1.0/ 1.2 mm (0.6mm SS cladding optional)
Max. opening	600~1200 mm	Sil width	54 mm (standard aluminium sil)
Noise level	≤58 dB	IP rating	IP20



Fireproof T2203 Center opening 2-panel Landing door

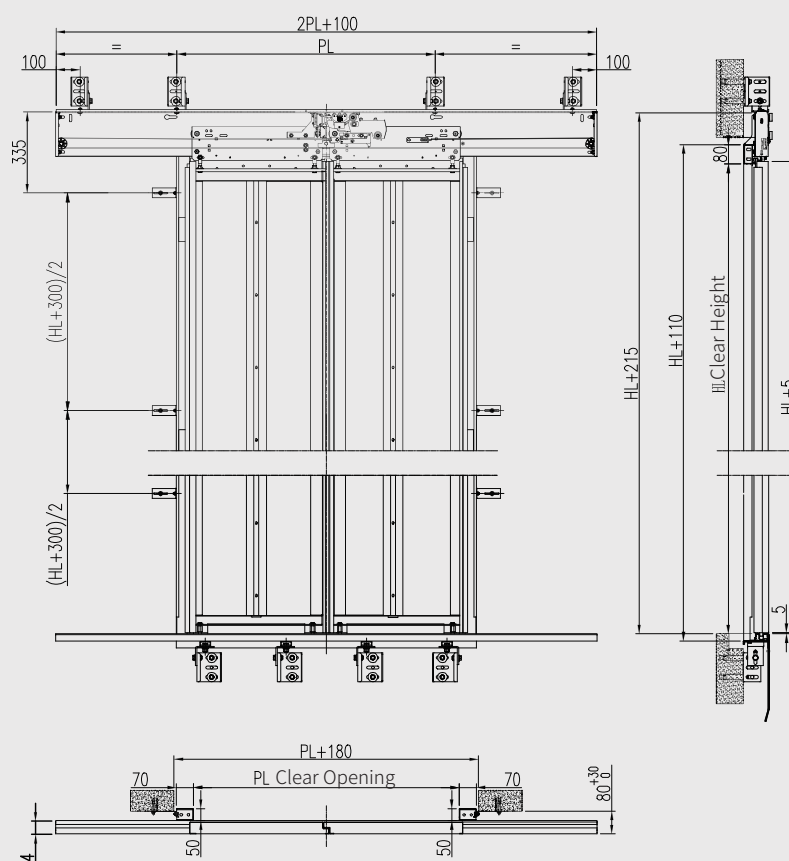


Features

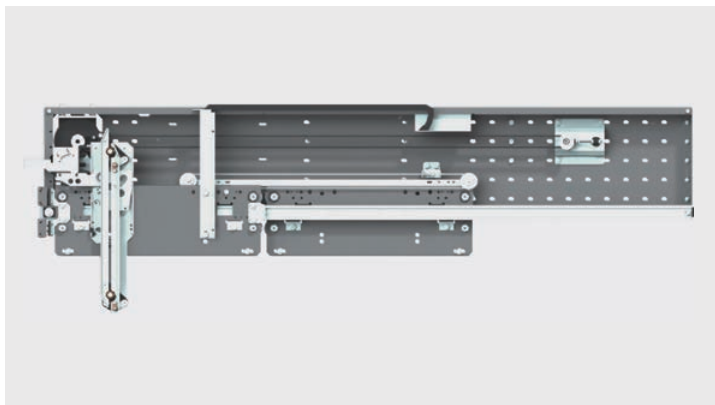
- In line with GB/T27903 E120/EI120 and EN81-58 E120/EI120 fire test requirements.
- In compliance with the requirements of GB/T 7588-2020 and EN81-20/50 standards.
- European interfaces for door vanes with gateballs located bilaterally for smooth door open/close.
- The landing door device is easy to install and adjust. The closing spring is used to meet the self-closing demand.

Technical Specifications

HL	2000~2500 mm	PL	600~1200 mm
Door jamb	50*70 mm	Door height	HL+05 mm
Sil width	54 mm (standard aluminium sil)	Door panel type	1.0/ 1.2 mm (0.6mm SS cladding optional)
IP rating	IP20		



Fireproof J2511 Side opening 2-panel Car door

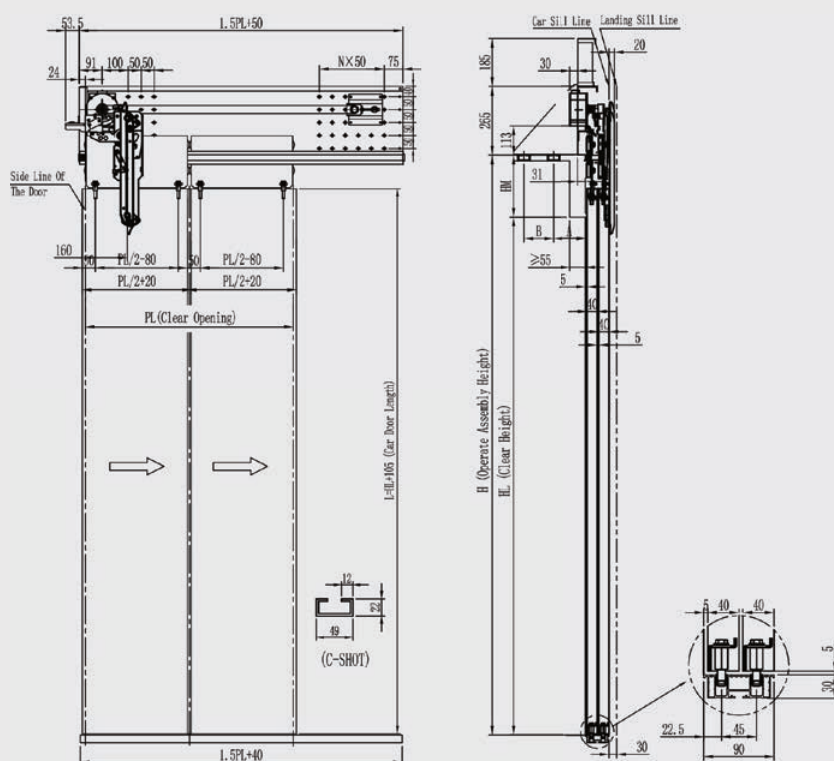


Features

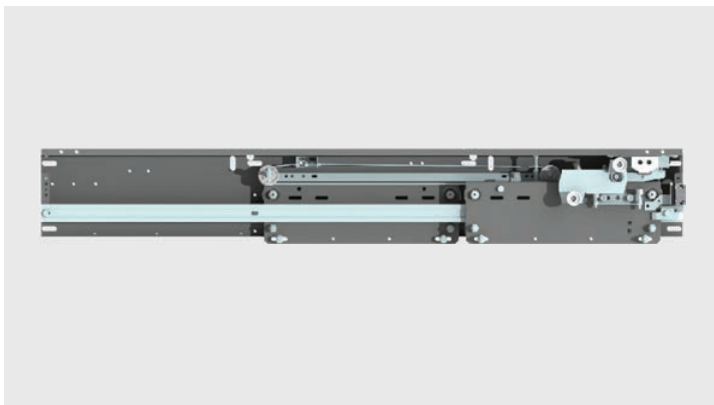
- Car door system with gateballs located on both sides of the door vane and synchronous transmission for simple mechanical structure, reduced mechanical failures and greatly improved reliability of products. Light weight and easy installation and maintenance.
- Closed-loop control, real-time control of running speed and position and functions of traditional travel switch, bow-shaped metal part and cam switch integrated on software.
- Excellent auto-tuning function and built-in optimized operation curve for greatly reduced debugging.
- Great part commonality for low inventory needs and operating costs.

Technical Specifications

HL	2000~2500 mm	PL	600~1200 mm
Motor model	YCT125ST-13	Door drive	NICE900/ BG221
Rating	2.3 Nm/ 47 W	Door height	HL+105 mm
Max. drag	160 kg	Door panel type	1.0/ 1.2 mm (0.6mm SS cladding optional)
Max. opening	600~1200 mm	Sil width	90 mm (standard aluminium sil)
Noise level	≤58 dB	IP rating	IP20



Fireproof T2203 Side opening 2-panel Landing door

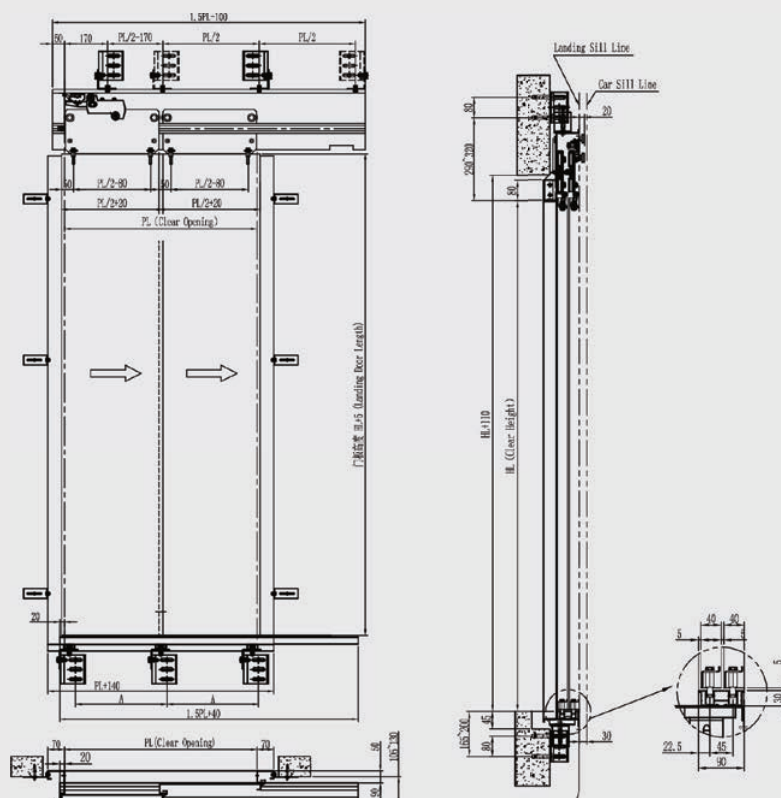


Features

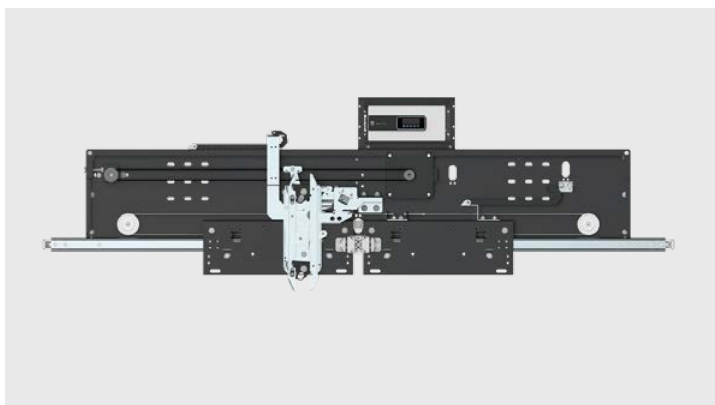
- In line with GB/T27903 E120/EI120 and EN81-58 E120/EI120 fire test requirements.
- In compliance with the requirements of GB/T 7588-2020 and EN81-20/50 standards.
- European interfaces for door vanes with gateballs located bilaterally for smooth door open/close.
- The landing door device is easy to install and adjust. The closing spring is used to meet the self-closing demand.

Technical Specifications

HL	2000~2500 mm	PL	600~1200 mm
Door jamb	50*70 mm	Door height	HL+05 mm
Sil width	90 mm (standard aluminium sil)	Door panel type	1.0/ 1.2 mm (0.6mm SS cladding optional)
IP rating	IP20		



Heavy duty J2230 Center opening 2-panel Car door

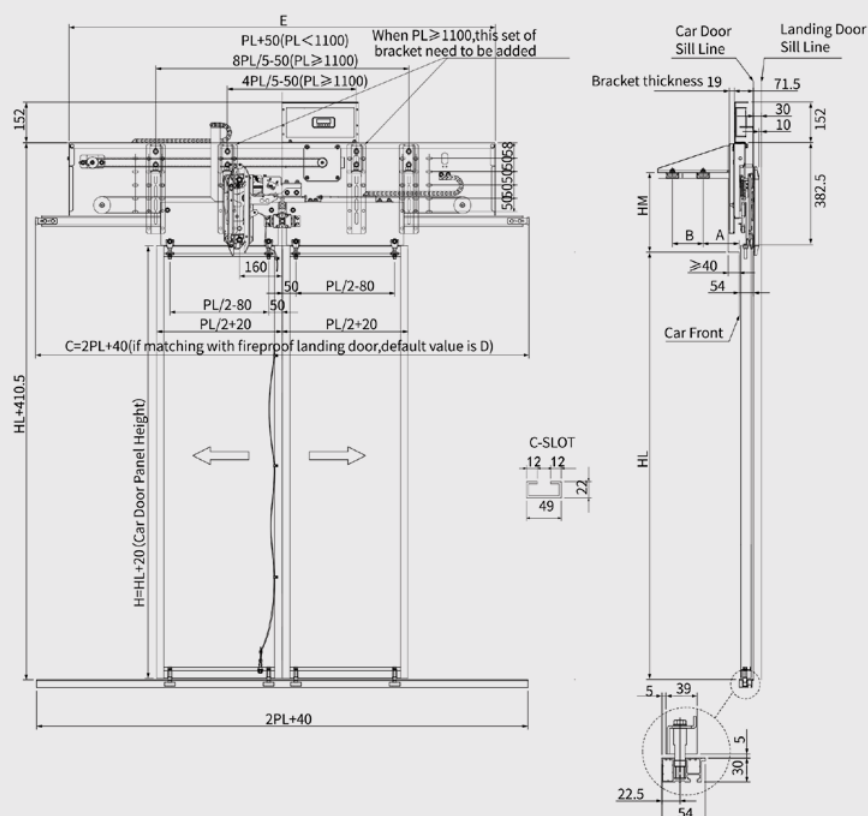


Features

- Classic outward door operator with precise jam-free action and release mechanism at power-off for no passenger entrapment
- Low-speed and high-torque ultra-thin motor for energy-saving and efficient operation and quick and accurate torque control
- Integrated disengagement prevention structure for more reliable performance
- Simple structure with broad compatibility
- Intelligent door control, for easy commissioning

Technical Specifications

HL	2000~2500 mm		PL	600 mm, 650 mm,, 1250 mm, 1300 mm
Motor model	YCT140-2	YCT140-2.7	Door drive	AD20/ NICE900
Rating	1.8 Nm/ 47 W	2.7 Nm/ 85 W	Door height	HL+20 mm
Max. drag	160 kg	250 kg	Door panel type	1.0/ 1.2 mm (0.6mm SS cladding optional)
Max. opening	600~900 mm	950~1300 mm	Sil width	54 mm (standard aluminium sil)
Noise level	≤55 dB		IP rating	IP20





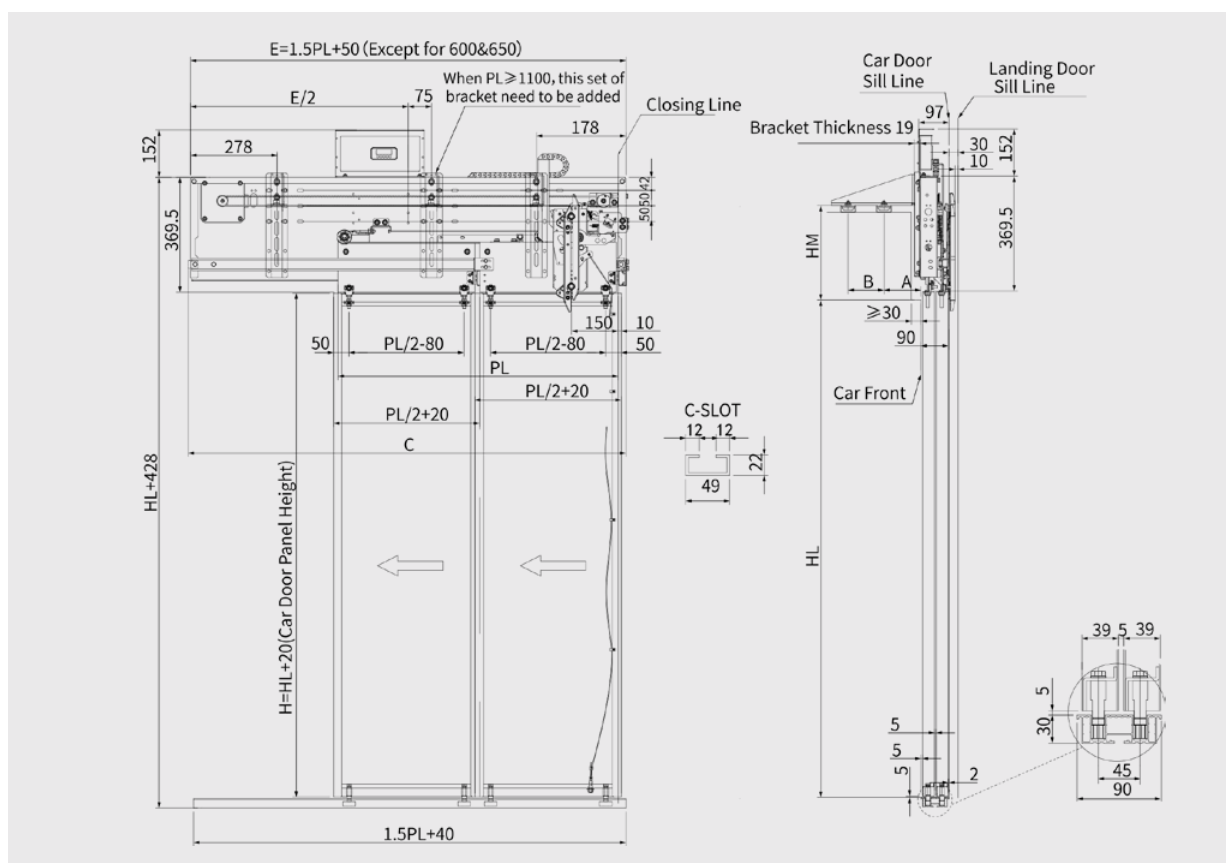
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Door Headers



- Classic outward door operator with precise jam-free action and release mechanism at power-off for no passenger entrapment.
- Low-speed and high-torque ultra-thin motor for energy-saving and efficient operation and quick and accurate torque control.
- Integrated disengagement prevention structure for more reliable performance.
- Simple structure with broad compatibility
- Intelligent door control, for easy commissioning

HL	2000~2500 mm		PL	600 mm, 650 mm,, 1250 mm, 1300 mm
Motor model	YCT140-2	YCT140-2.7	Door drive	AD20/ NICE900
Rating	1.8 Nm/ 47 W	2.7 Nm/ 85 W	Door height	HL+20 mm
Max. drag	160 kg	250 kg	Door panel type	1.0/ 1.2 mm (0.6mm SS cladding optional)
Max. opening	600~900 mm	950~1300 mm	Sil width	90 mm (standard aluminium sil)
Noise level	≤55 dB		IP rating	IP20



Heavy duty T2230 Side opening 2-panel Landing door

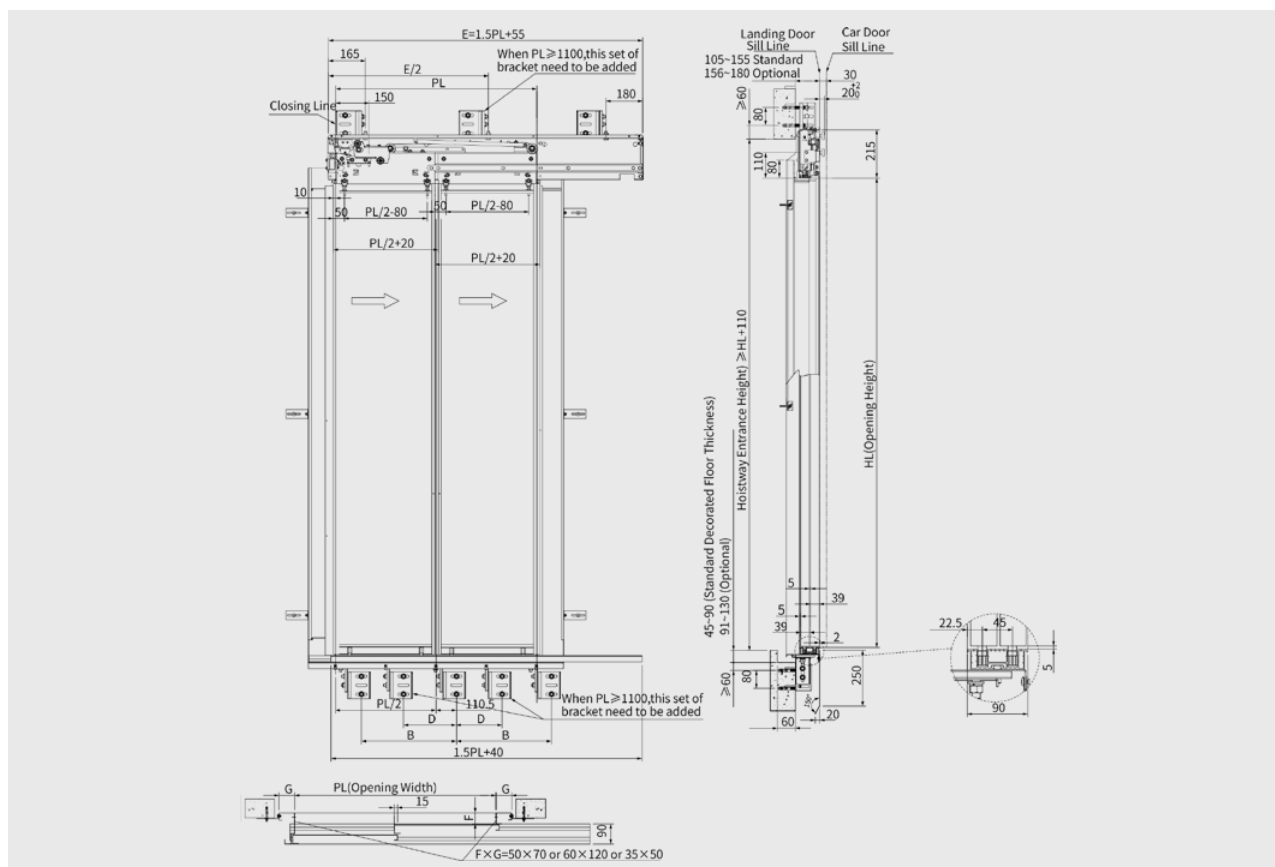


Features

- Classic outward door operator with precise jam-free action and release mechanism at power-off for no passenger entrapment.
- Low-speed and high-torque ultra-thin motor for energy-saving and efficient operation and quick and accurate torque control.
- Integrated disengagement prevention structure for more reliable performance.
- Simple structure with broad compatibility
- Intelligent door control, for easy commissioning

Technical Specifications

HL	2000~2500 mm	PL	600~1300 mm
Door jamb	60*120 mm (50*70 mm & 35*50 mm optional)	Door height	HL+05 mm
Sil width	90 mm (standard aluminium sil)	Door panel type	1.0/ 1.2 mm (0.6mm SS cladding optional)
IP rating	IP20		



Economic model T2101 Center opening 2-Panel Landing door

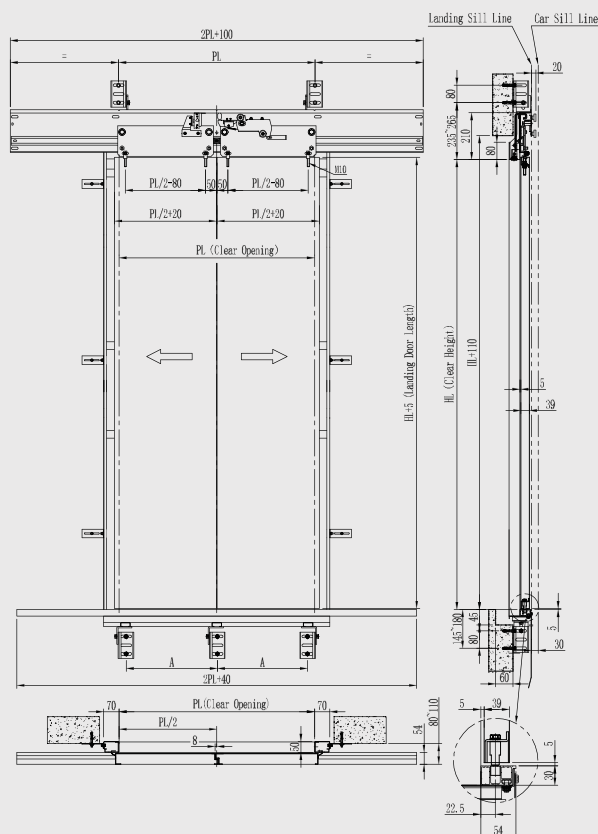


Features

- In line with the requirements of GB/T 7588-2020 and EN81-20/50 standards.
- In compliance with the trend of energy conservation and environmental protection. European interfaces for door vanes with gateballs located bilaterally for European market needs.
- Ease of installation and adjustment for the landing door device and spring lock used for better performance

Technical Specifications

HL	2000~2500 mm	PL	700 mm, 800mm, 900 mm
Door jamb	50*70 mm	Door height	HL+05 mm
Sil width	54 mm (standard aluminium sil)	Door panel type	1.0/ 1.2 mm (0.6mm SS cladding optional)
IP rating	IP20		



Door Drives

NICE900



Features

- DSP high-performance processor and advanced vector servo control technology used to drive AC asynchronous motor and permanent magnet synchronous motor
- Wide applications in elevator doors, cold storage doors and subway doors to realize speed control and distance control
- Intelligent protection function for cutting power off to avoid pinching your hands
- Easy commissioning: one button for auto-tuning

Rated Power	200 W	400 W	700 W
Output current	1.3 A	2.3 A	4.0 A
Working voltage	Single phase, 220 Vac $\pm$ 10%, 50/60 Hz		
Protection from	Over voltage, Under voltage, Obstruction, Phase short protection, Anti-pinch protection		
IP rating	IP20		

AD20



Features

- Integrates door open/close logic control and motor drive, and controls the entire door system with door open/close commands from the external system through CAN communication or I/O terminals
- Notably higher door open/close efficiency, boosting performance by 15% to 20% over other controllers
- Servo control, high speed loop bandwidth, and swift disturbance response
- Full-plug connection, greatly saving time and minimizing the possibility of errors

Rated Power	200 W
Output current	1.1 A
Working voltage	Single phase, 220 Vac $\pm$ 10%, 50/60 Hz
Protection from	Over voltage, Under voltage, Inter phase short circuit, Anti-clamping upon power off
IP rating	IP20

BG221



Features

- Ultra-thin Design: The thickness is only 39 mm, which is suitable for ultra-thin door operator application
- Safe and Reliable: With 2 dozens of prewarning and protection functions, making product safer
- Simple Debugging: With one button self-learning function, easy debugging, the factory default can meet most of the field conditions no need to debug.

Rated Power	200 W
Output current	1.7 A
Working voltage	Single phase, 220 Vac $\pm$ 20%, 50/60 Hz
Protection from	Over voltage, Under voltage, Obstruction, Overspeed warning, Communication error
IP rating	IP20

Door Motors

140ST-33



Features

- Ultra-thin structure flexible installation high efficiency, energy conservation and maximum load of 120 kg

Rated power	47 W
Rated voltage	90 V
Rated current	0.55 A
Rated torque	1.8 Nm
Rated speed	250 rpm
IP rating	IP44
Insulation class	F

125ST-13



Features

- Large startup torque, high efficiency, energy conservation and maximum load of 160 kg

Rated power	47 W
Rated voltage	125 V
Rated current	0.45 A
Rated torque	2.3 Nm
Rated speed	195 rpm
IP rating	IP44
Insulation class	F

BPM23E-47



Features

- High IP rating, high efficiency, energy conservation and maximum load of 200 kg

Rated power	47 W
Rated voltage	78 V
Rated current	0.57 A
Rated torque	2.3 Nm
Rated speed	195 rpm
IP rating	IP54
Insulation class	F

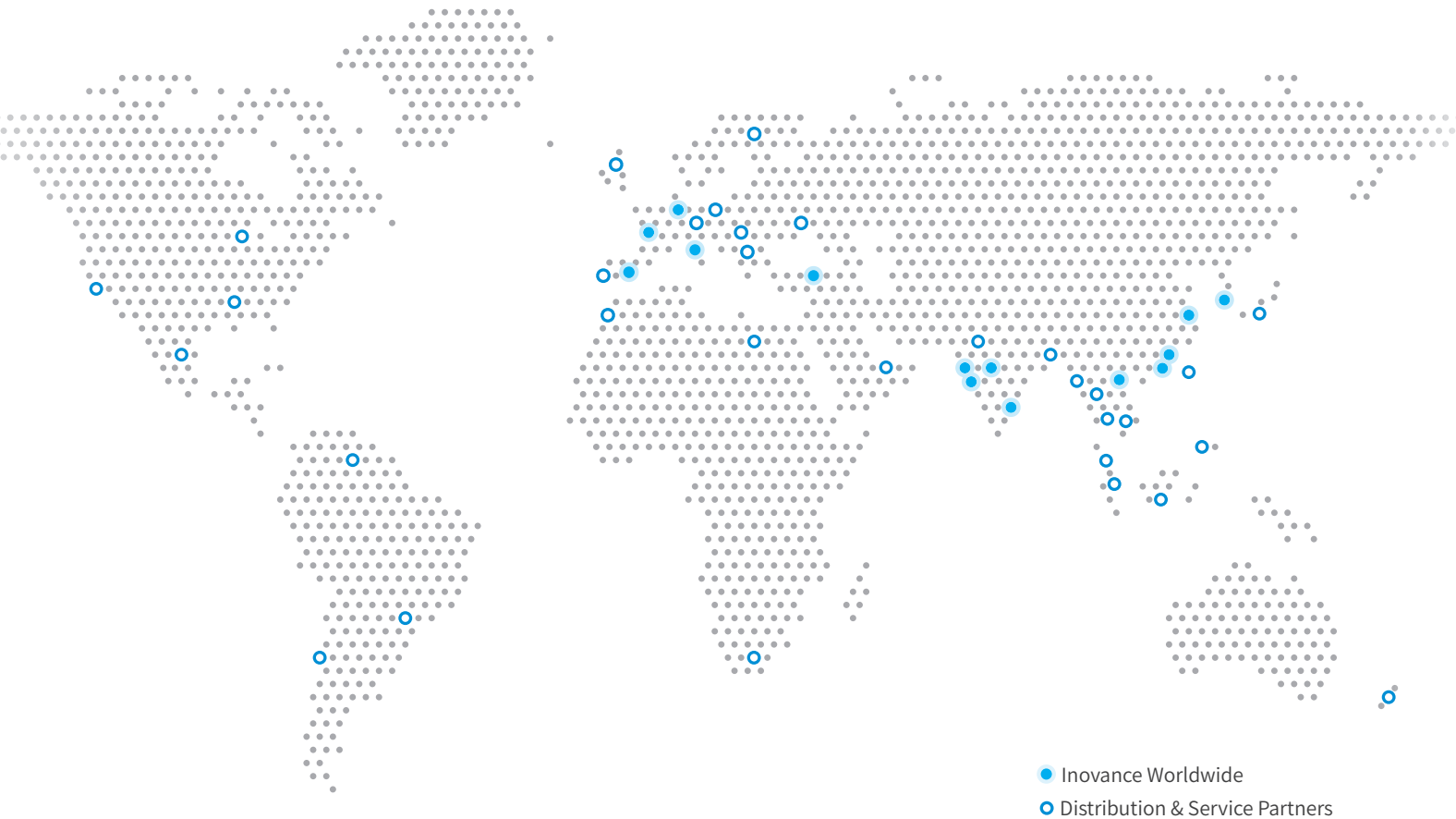
140TAST-08



Features

- High efficient outer rotor structure with a maximum load of 300 kg

Rated power	86 W
Rated voltage	220 V
Rated current	1.0 A
Rated torque	5 Nm
Rated speed	165 rpm
IP rating	IP44
Insulation class	F



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