



SIGMA

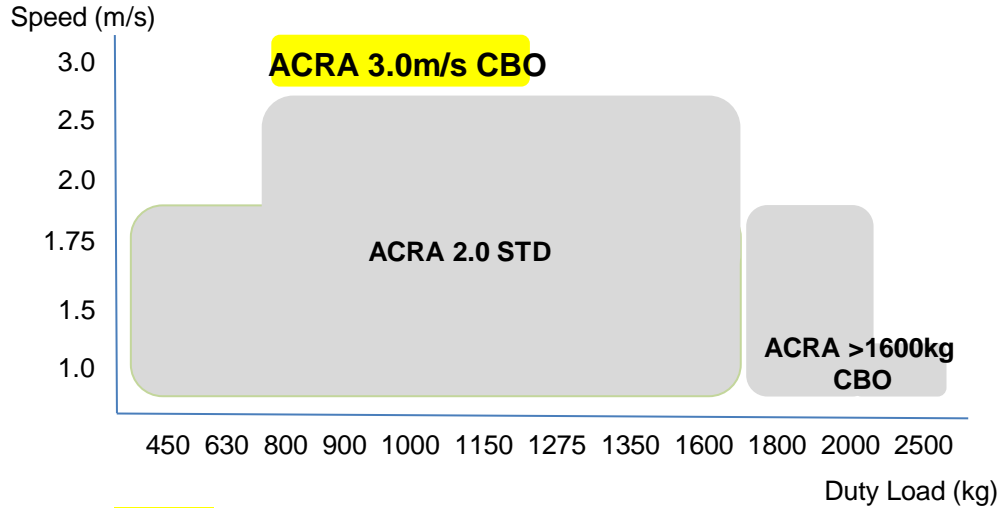
Product Introduction

ACRA 3mps

Company restricted information

Reaching New Heights

Overview



CBO

Get the deviation approval from CLC

130m

Max rise

45

Max stop

400kg

Max additional load

G8C

Max group control

Code : GB7588-A1 & EN81-1



Configuration scope



Model		ACRA @ 3.0m/s		
Duty (kg)		800	1000	1150
Speed (m/s)		3.0		
CWT Location		Rear / Side		
Rise Max (m)		130		
Finish Load (kg)		400	400	400
Max .Stops		45		
Max. Car Group		8		
Car Height CH (mm)		2300 ~ 3000		
Door Width (mm)	2P-CO	700 ~ 1200		
	2P-SO	800 ~ 1300		
Door Height OPH (mm)		2100 ~ 2400		
Fireproof door		Standard: Non fireproof Option: E120 (BS476 or EN81-58 code) & EI120 (EN81-58 code)		
Code	EN81-1	Test report		

System performance

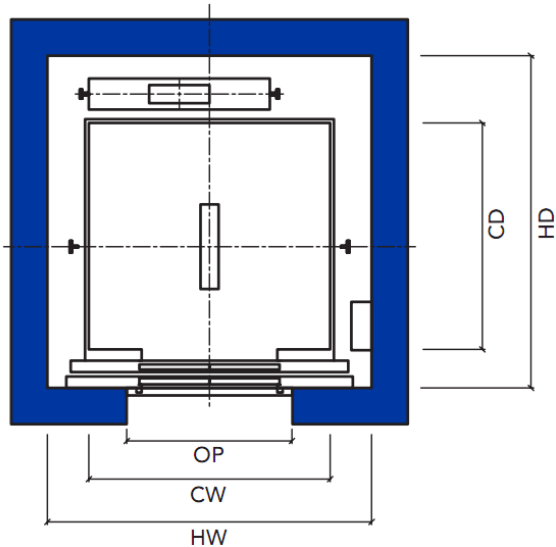
Item	Performance
	V=3.0m/s
Speed tolerance (m/s)	+/-5%
Acceleration / Deceleration (m/s ²)	≤1.0
Jerk (m/s ³)	≤1.0
Car horizontal vibration: Peak to Peak (mg)	≤10
Car vertical vibration: Peak to Peak (mg)	≤15
In car noise- (dBA): Max, Fan off)	≤55
Machine room noise (dBA)	≤75
Stopping accuracy (mm)	+/-5

Main components

Main Components	ACRA @ 3.0m/s
Machine	GETM6.0H
Controller+Drive	STEP
Safety gear	OS4500D
Speed governor	XSQ115
Guide rail	Car T114
	CWT T75
Buffer	Oil Buffer
Door operator	DO3000
Roping type	Single Wrap

Layout dimension – rear drop

Rear CWT



Duty load (kg)	Shaft Size HWxHD(mm)	Car Size CWxCD (mm)	Door Width OP(mm)	Machine Room WxDxH (mm)
800	1950 x 2100	1400 x 1350	800	2600 x 3750 x 2500
1000	2150 x 2200	1600 x 1400	900	2800 x 3850 x 2500
1150	2600 x 2100	1900 x 1350	1100	3250 x 3750 x 2500

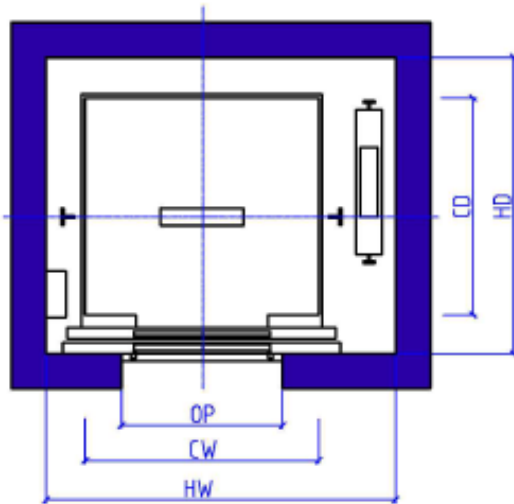
Overhead (mm)	Pit (mm)
5450	2350

* Based on CH 2400 & Runby 250mm

* Layout should check case by case before ordering

Layout dimension – side drop

Side CWT



Duty load (kg)	Shaft Size HWxHD(mm)	Car Size CWxCD (mm)	Door Width OP(mm)	Machine Room WxDxH (mm)
800	2200 x 1900	1400 x 1350	800	2850 x 3350 x 2500
1000	2400 x 2050	1600 x 1400	900	3050 x 3700 x 2500
1150	2600 x 2250	1650 x 1650	1100	3150 x 3900 x 2500

Overhead (mm)	Pit (mm)
5450	2350

* Based on CH 2400 & Runby 250mm

* Layout should check case by case before ordering

Available Function



ACP Anti Crime protection	ADO Advanced Door Open	ALARB Alarm bell	ALCOR Advanced Releveling	CBC Cancel error calls	CFT Cafeteria mode	EDP Electronic door protection	CSP Close Torque protection	Standard
CUT CALL Block floor	DCBL/DOBL Door close/open butt on light	DCP Delayed car protection	DDT Independent car/landing door control	DLM Door lock shortcut measure	DOB/DCB Door open/close button	DTC Door time protection -close	DTO Door time protection -open	
ELTU Emergency Light	EN-CCO Call opposition direction cancel	EN-CK Door hold cancel	EN-HCC Hall call cancel	ERO Electrical recall operation	FCL Full collective operation	HAD Hoistway auto detect	HDI/CDI Hall/Car direction indicator	
HPI/CPI Hall/car position indicator	ICU3 Intercom unit	LNS Load non stop	LOBBY Floor of lobby	LR Car light & ventilation	LWS Overload protection	NDG Door nudge function	NTSD Near terminal slow down	
OHT Drive overheat protection	PKS Parking operation	RLEV Releveling	RE-OP Hall door re-open	RIN Re-initialize	SE Start Equalize	SELF-BTI Self brake torque inspection	SLD Safety landing	
TCI Top of car inspection	VSC Voice speech comfort	UCMP Uncontrolled car movement protection						
ANS Anti-Nuisance	ARED Automatic Rescue Emergency Device	ATT Attendant service	BA Building monitor port	DHB Door hold button	EFO Emergency fireman operation	EFS2 Emergency fireman service (manual)	Group Group Control	
ISC Independent service	SSM Speech Synthesis Module	CCM Car arrival bell	GSCS Safety shoe & Light screen	AES (Non-STD) Area elevator system	AMS (Non-STD) Area Monitoring Screen	EPO (Non-STD) Emergency Power Operation	EQO (Non-STD) Earthquake Operation	

Aesthetics – Material & Finish



Material

Finish Type

SBC
(Painted steel)



RAL1015 RAL5019 RAL6019 RAL9005 RAL9022 RAL140_M



RAL150_M RAL7048 RAL1001 RAL1036 RAL1012 RAL9003 RAL7038

STSET

STSMRET



EH1-067
EW2-067



EH1-085



EH3-034
EW4-034



EH1-084



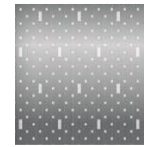
EH1-080
EW2-080



EH1-086



EH1-059
EW2-059



EH1-082
EW2-082

STSHL

Stainless Steel Hairline

STSHL304

Stainless Steel Hairline 304

STSMR

Stainless Steel Mirror

Flooring



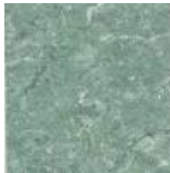
DE103



DE313



DE111



DE114



DE2106



DT01



DT03

Handrail



HR04HL/HR04POL

1row ϕ 38mm hairline/

1row ϕ 38mm polishing



HR08HL/HR08POL

8mm x 80 mm hairline with stretch edge/

8mm x 80 mm polishing with stretch edge



HR05HL

8mm x 80 mm with round edge

Aesthetics - Ceiling



C-NS1



C-NL2 *



C-ES1



C-NS3



C-LA1



C-ES2



C-VS2 *



CL-31



C-ES3



C-RL2 *



C-LN1



C-PS1 *

NOTE: ceiling with "*" mark means
EEC is available for EN81-20/50

Aesthetics - COP



COP



COP27H-A



COP25H-A



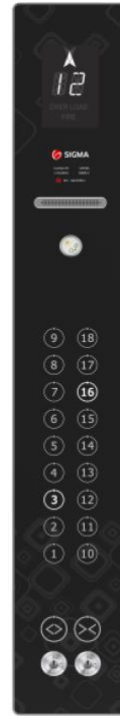
CBX22C



COP31H-E



CBX64C



COP30VG-C



CBL-82C

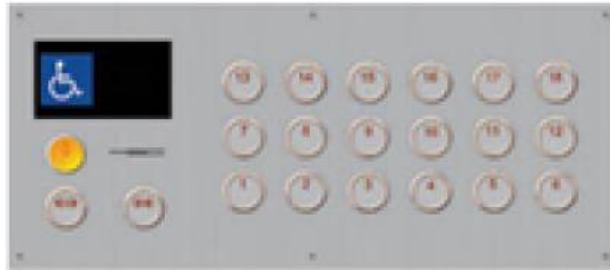


CBX-D1C



CBX-D2C

HCOP



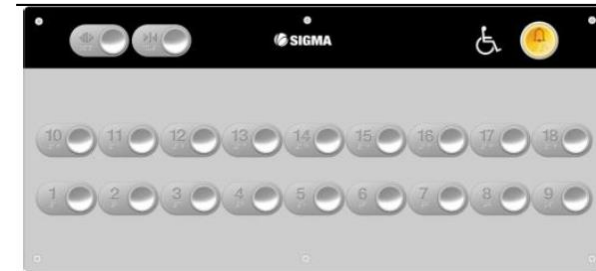
CBM44SH



CBMD1SH



CBM47SH



CBM48SH

Aesthetics - HBP & Button

VIP



VIX-MA52S



VHB31H-E



VIL-MBB2SN



VHB27H-A



VHB25H-A



VHB30BG-C



VHB29H-C



VIX-M652



VHB31BH-E



VIX-MC52SH



VIX-MCA3SH

Aesthetics - HBP & Button



HB



HBM-RA5S



HB31H



HBM-R45



HBM-RBBS



HB31BH



HBMR65



HBM-RC5SH



HBM-RCASH

HPI



HIXA162



HIXC162



HIL-A193



HIL-C193



HIX-A201



HIX-A202

HL



HLVC08



HLVC48

A nighttime cityscape featuring a prominent, glowing blue stadium with a textured facade. The stadium is surrounded by modern skyscrapers and a body of water with many small boats. The sky is dark blue with some clouds. In the foreground, there is a red banner with the SIGMA logo and the text "Reaching New Heights".

END



Reaching New Heights