

# Automatic Doors SGVNA

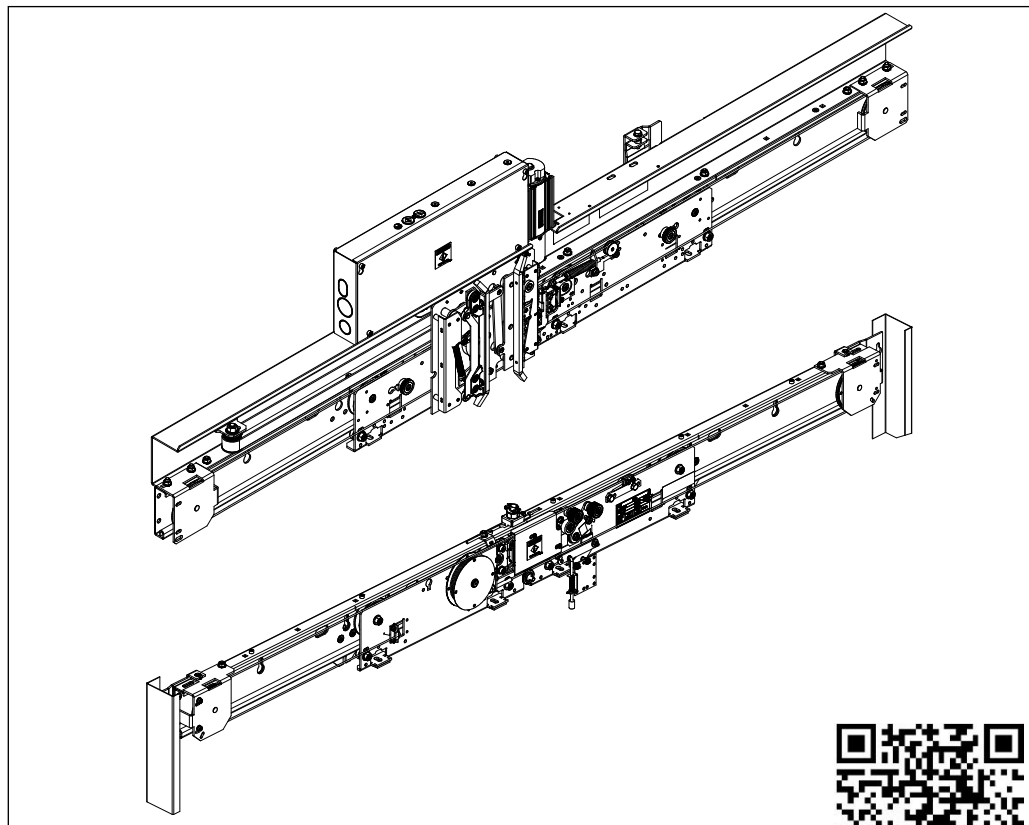
Code **TC.2.005255.EN**

Version **B**

Date **27.11.2020**

Car door operator

Landing door mechanism



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Product manufacturer reference can be found on the product type label. For any support or further questions please contact your trading office.

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# TECHNICAL CATALOGUE

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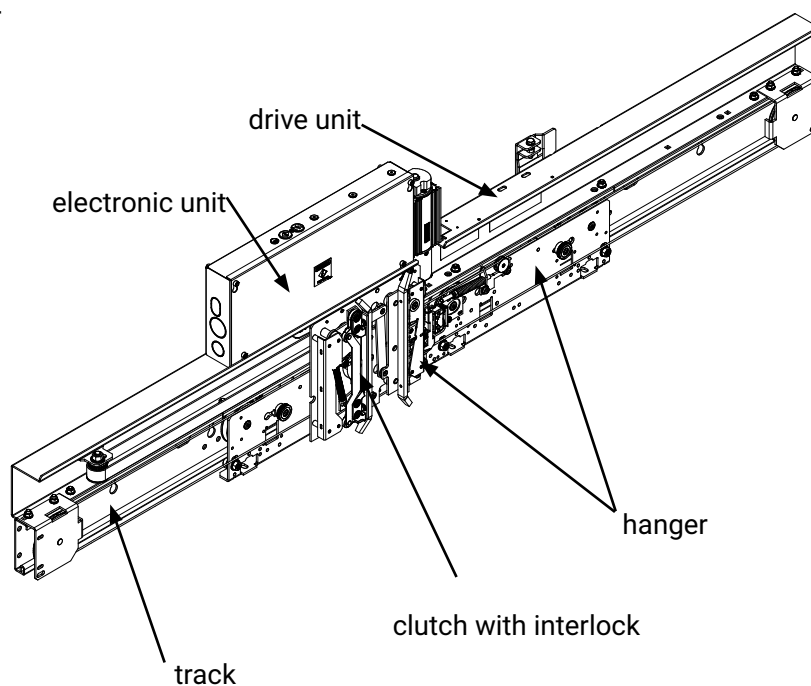
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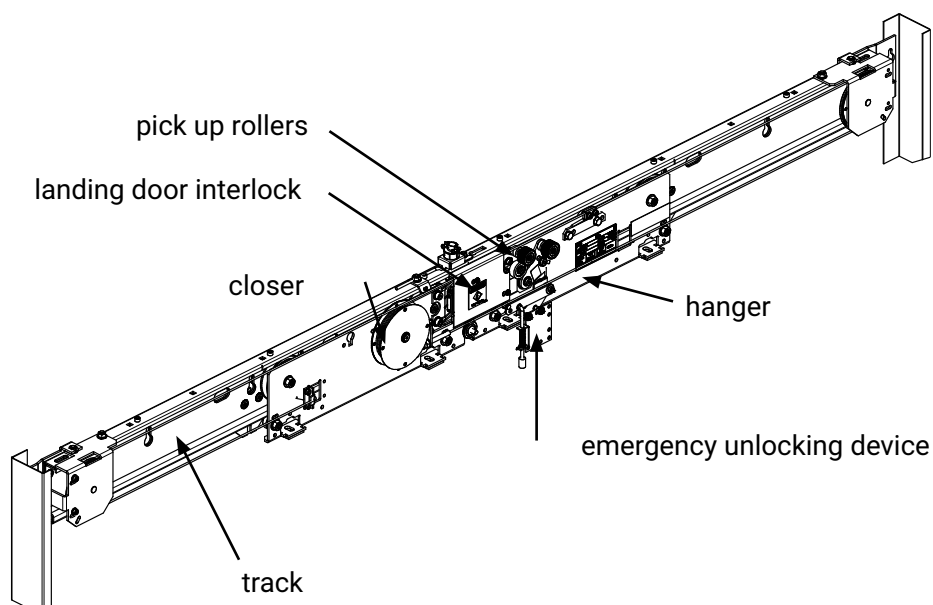
### 1. GENERAL VIEW

#### 1.1 General description

##### 1.1.1 Car door operator



##### 1.1.2 Landing top track



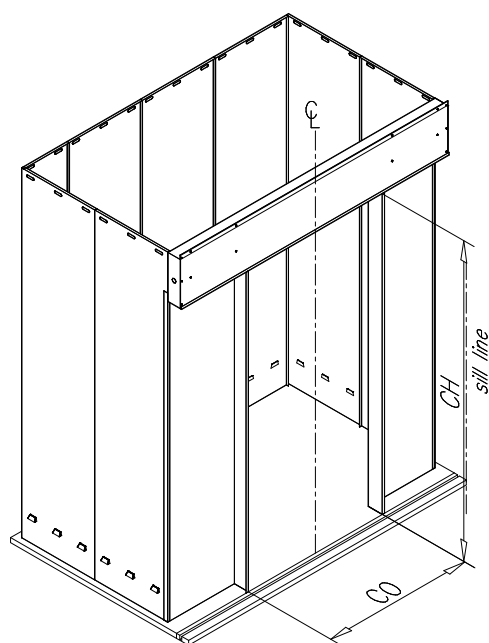
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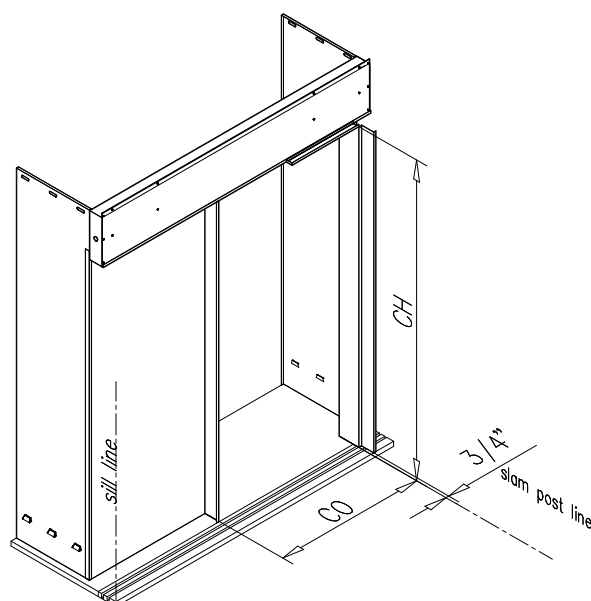
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### 1.1.3 Center opening and side opening



Center opening



Side opening

- CH Clear entrance height
- CO Clear entrance width
- CL Center line

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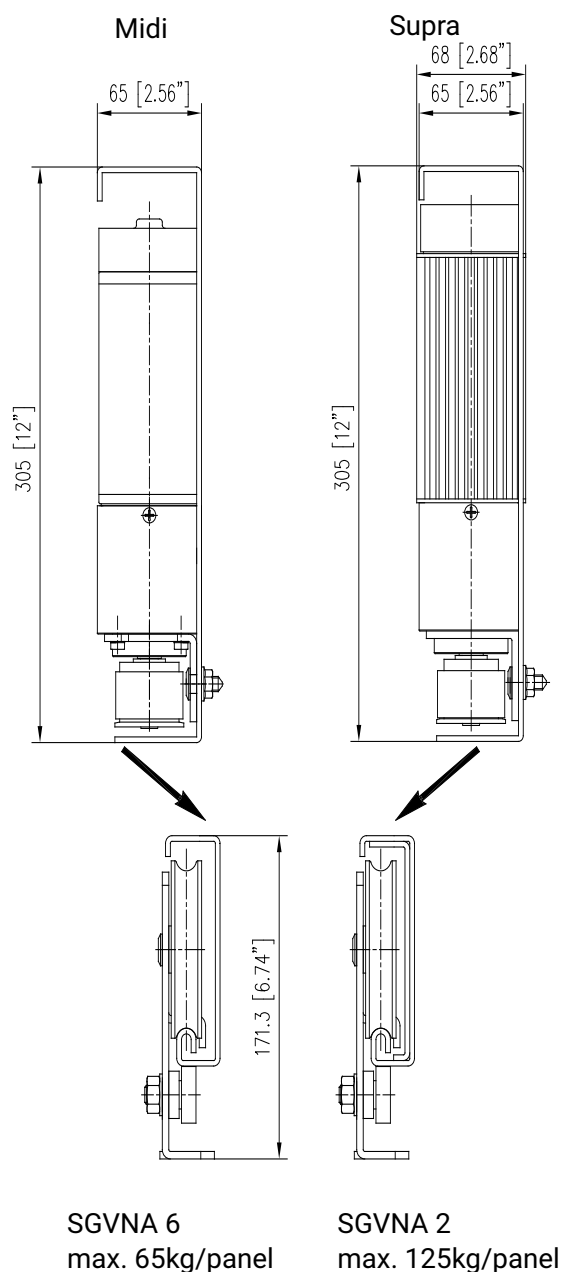
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### 1.2 Production range

#### 1.2.1 Combinations between Drive and Railing

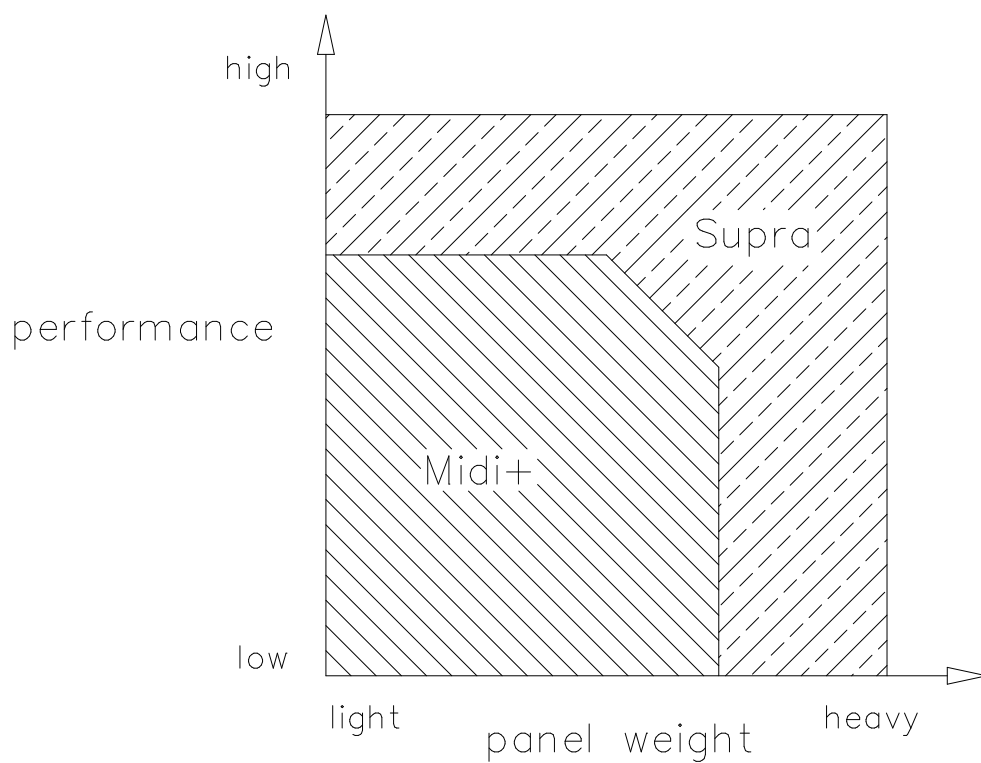


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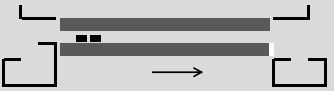
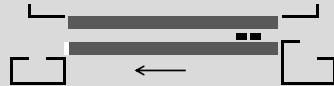
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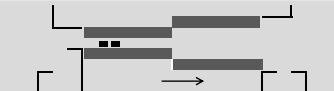
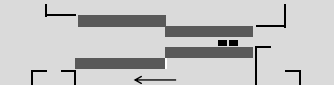
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Car door operator / Landing mechanism

### 1.2.2 Car door operator, Landing mechanism SGVNA

Sill to frame	Door Type	Illustration	CO[1 inch step] <sup>1</sup> MIN MAX		CH
Car sill depths: 82.6 mm (3.25") Landing sill depths: 50.8 mm (2.00")	1S right <sup>2</sup>		32"	48"	standard 2133.6 mm (84")
	1S left <sup>2</sup>		32"	48"	

Sill to frame	Door Type	Illustration	CO[1 inch step] <sup>1</sup> MIN MAX		CH
Car door operator: 82.6 mm (3.25") Landing mechanism: 50.8 mm (2.00")	2C left <sup>2</sup>		36"	60"	standard 2133.6 mm (84")
	2C right <sup>2</sup>		36"	60"	

Sill to frame	Door Type	Illustration	CO[1 inch step] <sup>1</sup> MIN MAX		CH
Car door operator: 120.6 mm (4.75") Landing mechanism: 101.6 mm (4.00")	2T right <sup>2</sup>		30"	72"	standard 2133.6 mm (84")
	2T left <sup>2</sup>		30"	72"	

Sill to frame	Door Type	Illustration	CO[1 inch step] <sup>1</sup> MIN MAX		CH
Car sill depths: 120.6 mm (4.75") Landing sill depths: 101.6 mm (4.00")	4C left <sup>2</sup>		48"	118"	standard 2133.6 mm (84")
	4C right <sup>2</sup>		48"	118"	

<sup>1</sup> Contact Wittur representative for non-stock sizes

<sup>2</sup> opening to the left / right - seen from the hall



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### 1.3. Technical features

SGVNA is a modular door system which can be used with any kind of application, from residential buildings up to highly frequented office buildings and hotels.

The compact dimensions ensure high flexibility especially for elevator modernization purposes.

Well thought out design and the use of selected materials result in many additional features:

- Modularity: various combinations between Drives and Railings
- Smooth operation even at high door speeds
- Integrated car door interlock
- Self learning set-up feature
- Low energy consumption
- SGVNA is approved with following codes: ASME A17.1, CAN/CSA-B44.1, UL 10B, CA/ULC S104
- Small number of parts result in reduced number of spares and highly increased lifetime.

#### Content of Supply of operator

- Drive (Motor, Electronic, Transformer)
- Track and door hangers
- Clutch with interlock
- Door contacts
- Operating instructions
- Options: Panel adapter brackets, Operator fixation brackets

#### Content of Supply of hatchtrack

- Track and door hangers
- Interlock and pick up rollers
- Emergency opening device
- Self closing device (spirator)
- Operating instructions
- Options: Panel adapter brackets, Track fixation brackets

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### 1.4. Technical facts

	Midi+	Supra
Motor characteristics	3 phase Permanent Magnet Synchron Motor	3 phase Permanent Magnet Synchron Motor
Drive	V3F-Converter (vector control)	V3F-Converter (vector control)
Average power consumption	92 W	170 W
Max. momentary power consumption	475 W	900 W
Power supply	Univ. 115-230 V $\pm 20\%$ 50/60 Hz	Univ. 115-230 V $\pm 20\%$ 50/60 Hz
Protection class	IP20	IP20
Storage temperature	-45...+70 °C	-45...+70 °C
Operating ambient temperature	-20...+50 °C	-20...+50 °C
Humidity range	98 % max. 40 °C	98 % max. 40 °C
Regulations and codes	EN81, ASME A17.5, CAN/CSA-B44	
Electromagnetic compatibility	Immunity and emission protection acc. EN12015/16	
Maximum movable masses (car- and landing door panels)	270 kg / 595 lbs	600 kg / 1320 lbs
Noise level (door operator)	Average 55 dB, max. 60 dB	Average 50 dB, max. 55 dB
Estimated drive lifetime	More than 3 million cycles	More than 5 million cycles

	Drive	Railing	Usage area
SGV6	Midi+	6	medium weight, medium performance doors, app. 600k cycles per year
SGV2	Supra	2	heavy weight, high performance doors, app. 800k cycles per year

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### 1.5 Panel requirements

#### 1.5.1 Main dimensions

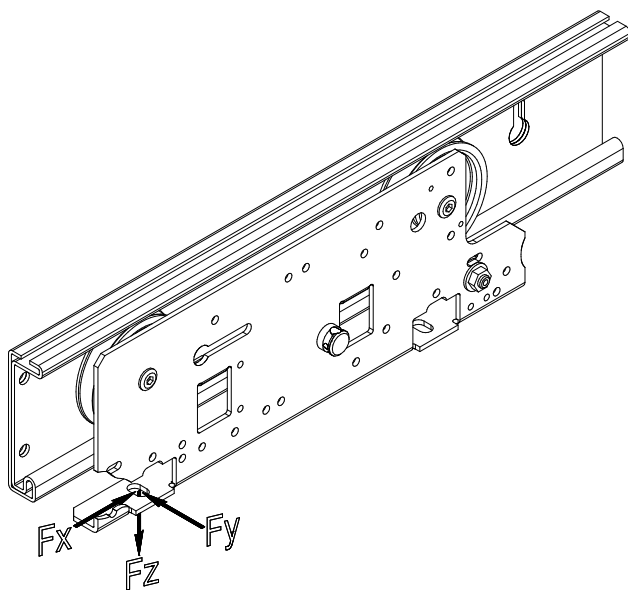
SGVNA

Max. allowed panel weight

Doortype	CO [inch]	SGV2	SGV6
		Max. panel weight	Max. panel weight
1S L/R	32"-48"	275 lb (125 kg)	143 lb (65 kg)
2C	36"-60"	275 lb (125 kg)	143 lb (65 kg)
2T L/R	30"-72"	275 lb (125 kg)	143 lb (65 kg)
4C	48"-118"	275 lb (125 kg)	143 lb (65 kg)

#### 1.5.2 Door panel interface

SGVNA

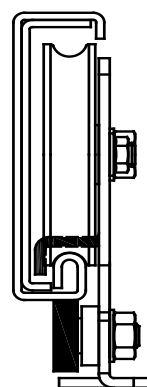


The panel has to fulfill the B44/A17.1 safety regulations. Maximum allowed forces to door panel fixing points are:

Fx 500N

Fy 1000N

Door retainers meet the requirements of A17.1



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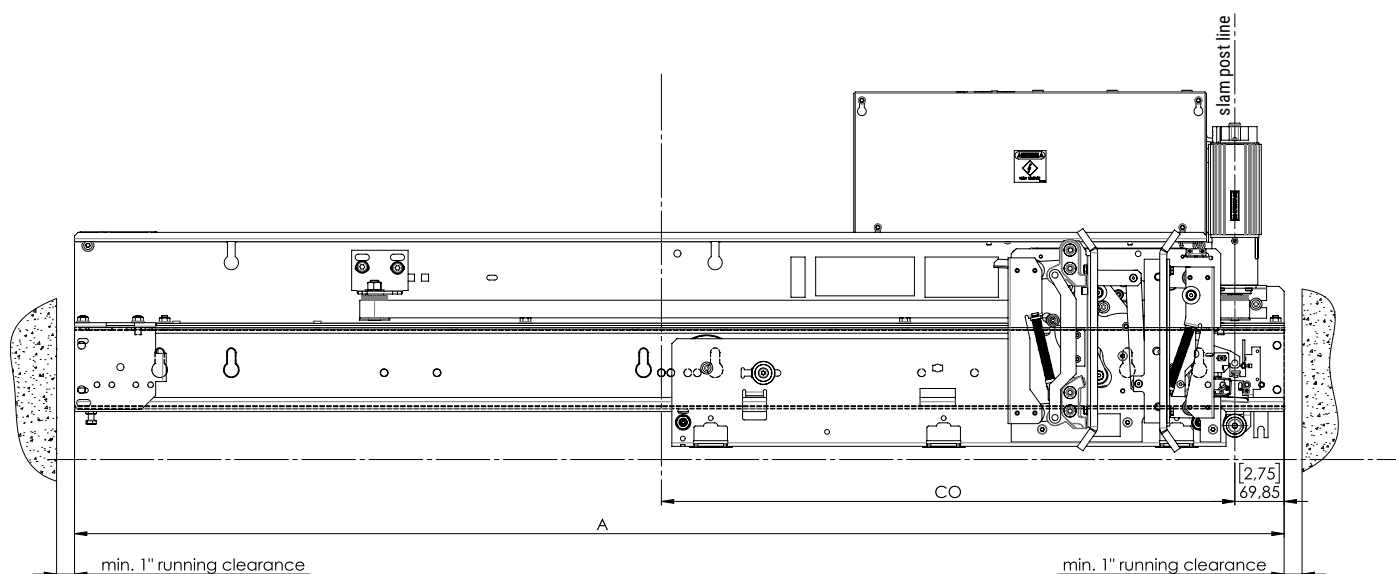
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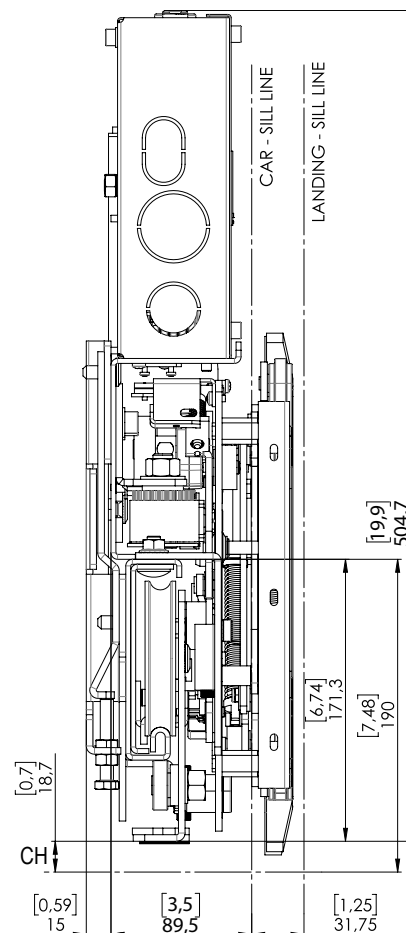
### 2 CAR DOOR OPERATOR

#### 2.1 One panel side opening 1S L/R



CO		A		Drive	Railing	Weight* [lbs]	
[inch]	mm	[inch]	mm	[lbs]	[lbs]	SGV6 = Midi R6	SGV2 = Supra R2
32,0	812,8	67,5	1714,5	53,06	37,24	107,9	111,2
33,0	838,2	69,5	1765,3	54,48		111,2	114,6
34,0	863,6	71,5	1816,1	55,89	41,02	114,5	117,9
35,0	889,0	73,5	1866,9	57,31		117,9	121,2
36,0	914,4	75,5	1917,7	58,73	44,79	121,2	124,5
37,0	939,8	77,5	1968,5	60,15		124,5	127,8
38,0	965,2	79,5	2019,3	61,57	48,57	127,8	131,1
39,0	990,6	81,5	2070,1	62,99		131,1	134,4
40,0	1016,0	83,5	2120,9	64,40		134,4	137,7
41,0	1041,4	85,5	2171,7	65,82		137,7	141,0
42,0	1066,8	87,5	2222,5	67,24	56,12	141,0	144,3
43,0	1092,2	89,5	2273,3			144,3	147,6
44,0	1117,6	91,5	2324,1			147,6	150,9
45,0	1143,0	93,5	2374,9			150,9	154,2
46,0	1168,4	95,5	2425,7			154,2	157,5
47,0	1193,8	97,5	2476,5			157,5	160,8
48,0	1219,2	99,5	2527,3			160,8	164,1

\* Weight = Door operator with new install car interlock; no modernization components like brackets or panel adapters included



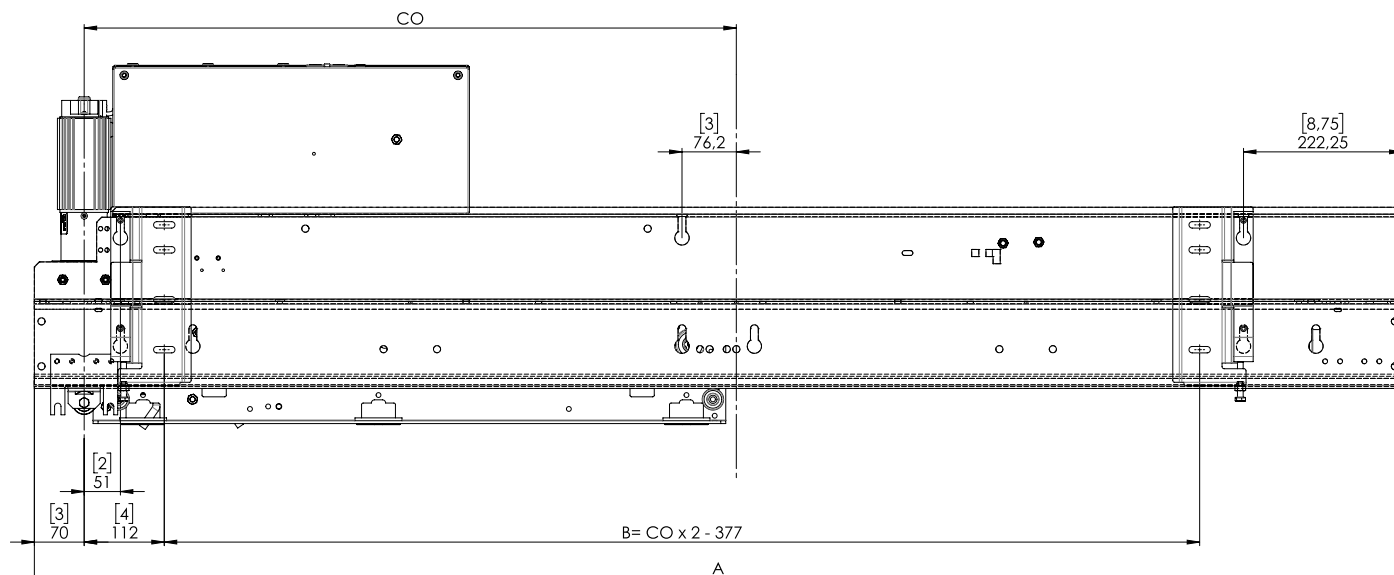
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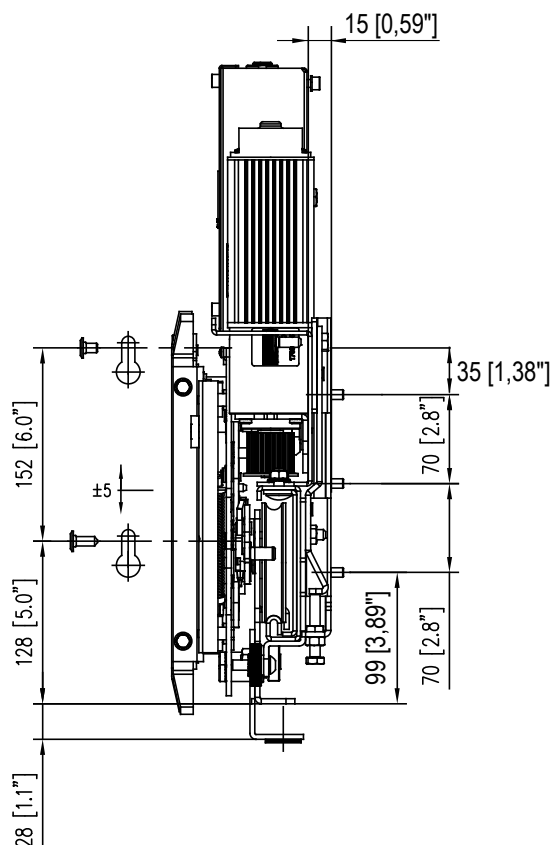
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### 2.1.1 Car door operator fixing points SGVNA



CO		A		B	
[inch]	mm	[inch]	mm	[inch]	mm
32.0	812.8	67.5	1714.5	49.16	1248.6
33.0	838.2	69.5	1765.3	51.16	1299.4
34.0	863.6	71.5	1816.1	53.16	1350.2
35.0	889.0	73.5	1866.9	55.16	1401
36.0	914.4	75.5	1917.7	57.16	1451.8
37.0	939.8	77.5	1968.5	59.16	1502.6
38.0	965.2	79.5	2019.3	61.16	1553.4
39.0	990.6	81.5	2070.1	63.16	1604.2
40.0	1016.0	83.5	2120.9	65.16	1655
41.0	1041.4	85.5	2171.7	67.16	1705.8
42.0	1066.8	87.5	2222.5	69.16	1756.6
43.0	1092.2	89,5	2273,3	71.16	1807.4
44.0	1117,6	91,5	2324,1	73.16	1858.2
45.0	1143.0	93,5	2374,9	75.16	1909
46.0	1168,4	95,5	2425,7	77.16	1959.8
47.0	1193,8	97,5	2476,5	79.16	2010.6
48.0	1219,2	99,5	2527,3	81.16	2061.4

4 fixing points to be used in minimum



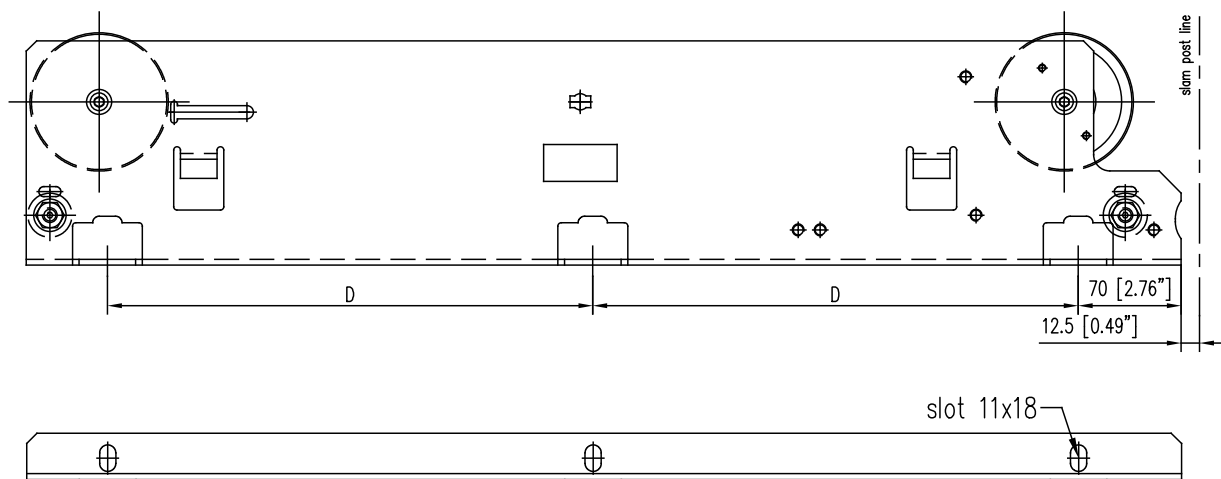
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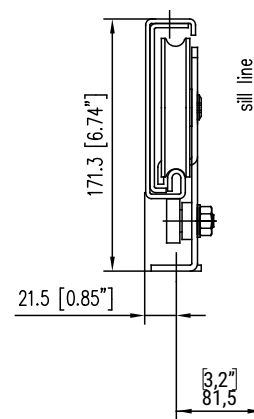
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### 2.1.2 Door interface SGVNA / T-hanger plate



CO		D	
[inch]	mm	[inch]	[mm]
32.0	812.8	13.0	330.2
33.0	838.2	13.5	342.9
34.0	863.6	14.0	355.6
35.0	889.0	14.5	368.3
36.0	914.4	15.0	381.0
37.0	939.8	15.5	393.7
38.0	965.2	16.0	406.4
39.0	990.6	16.5	419.1
40.0	1016.0	17.0	431.8
41.0	1041.4	17.5	444.5
42.0	1066.8	18.0	457.2
43.0	1092.2	18.5	469.9
44.0	1117.6	19.0	482.6
45.0	1143	19.5	495.3
46.0	1168.4	20.0	508.0
47.0	1193.8	20.5	520.7
48.0	1219.2	21.0	533.4



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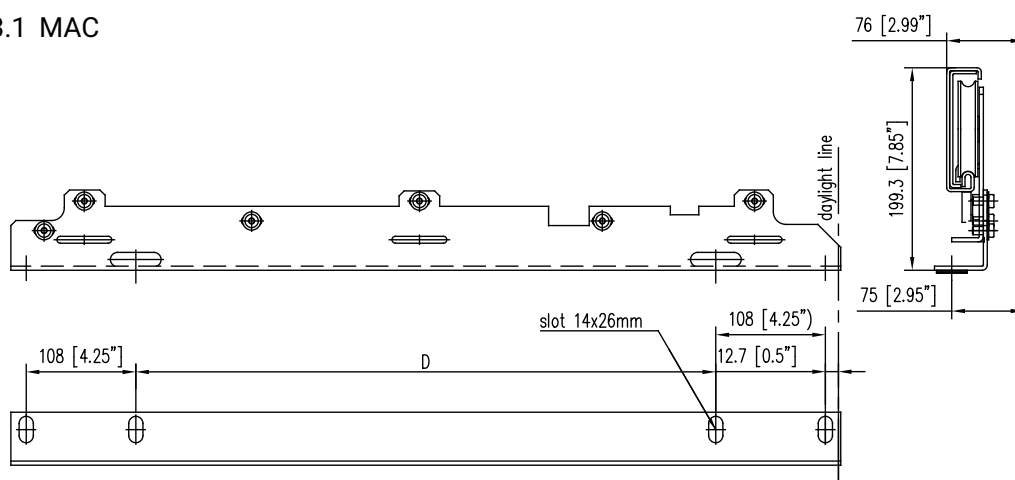
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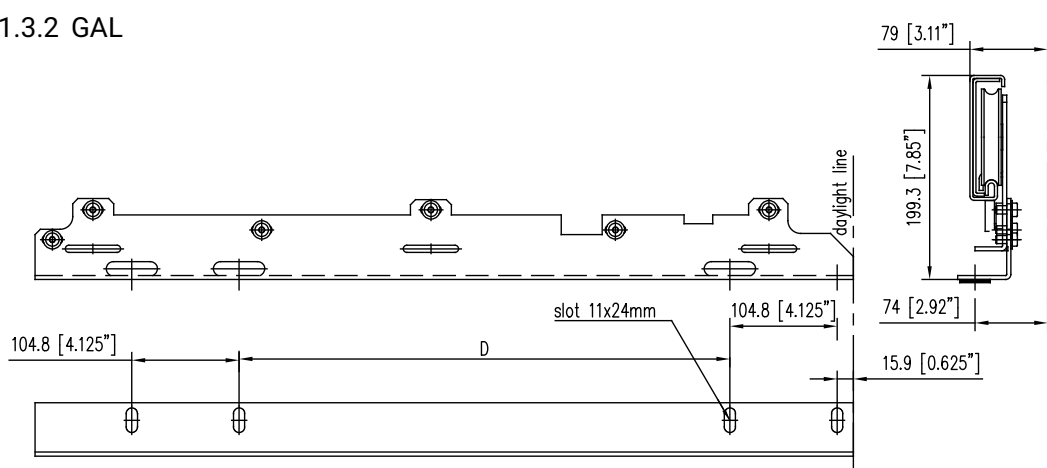
### 2.1.3 Panel adapter

#### 2.1.3.1 MAC



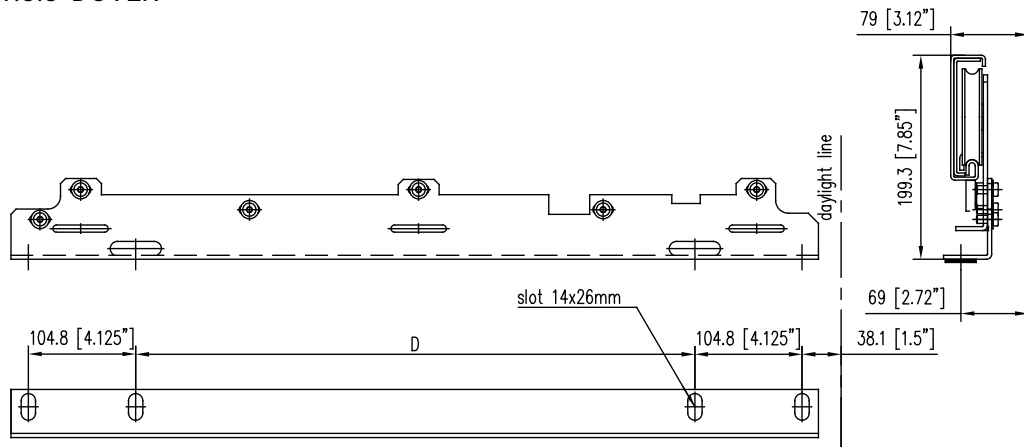
order code	MAC WMAC01
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#### 2.1.3.2 GAL



order code	GAL WGAL01
------------	---------------

#### 2.1.3.3 DOVER



order code	DOVER WDOV01
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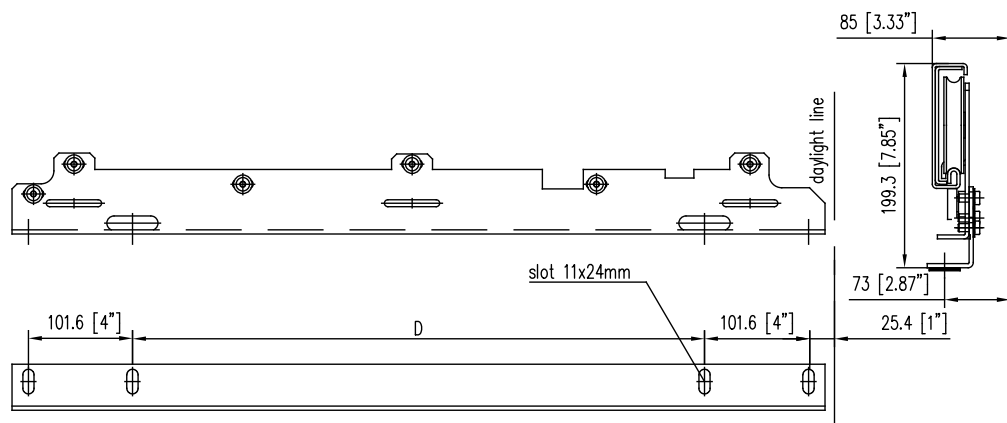
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### 2.1.3.4 ARMOR



	ARMOR
order code	WARM01

### 2.1.3.5 Panel Adapter Dimensions

CO	D							
	MAC		DOVER		GAL		ARMOR	
32.0	22.5"	571.5 mm	21.5"	546.1 mm	479.4 mm	18.875"	22.0"	558.8 mm
33.0	23.5"	596.9 mm	22.5"	571.5 mm			23.0"	584.2 mm
34.0	24.5"	622.3 mm	23.5"	596.9 mm	555.6 mm	21.875"	24.0"	609.6 mm
35.0	25.5"	647.7 mm	24.5"	622.3 mm			25.0"	635.0 mm
36.0	26.5"	673.1 mm	25.5"	647.7 mm	631.8 mm	24.875"	26.0"	660.4 mm
37.0	27.5"	698.5 mm	26.5"	673.1 mm			27.0"	685.8 mm
38.0	28.5"	723.9 mm	27.5"	698.5 mm	708.0 mm	27.875"	28.0"	711.2 mm
39.0	29.5"	749.3 mm	28.5"	723.9 mm			29.0"	736.6 mm
40.0	30.5"	774.7 mm	29.5"	749.3 mm	784.2 mm	30.875"	30.0"	762.0 mm
41.0	31.5"	800.1 mm	30.5"	774.7 mm			31.0"	787.4 mm
42.0	32.5"	825.5 mm	31.5"	800.1 mm	860.4 mm	33.875"	32.0"	812.8 mm
43.0	33.5"	850.9 mm	32.5"	825.5 mm			33.0"	838.2 mm
44.0	34.5"	876.3 mm	33.5"	850.9 mm			34.0"	863.6 mm
45.0	35.5"	901.7 mm	34.5"	876.3 mm			35.0"	889.0 mm
46.0	36.5"	927.1 mm	35.5"	901.7 mm			36.0"	914.4 mm
47.0	37.5"	952.5 mm	36.5"	927.1 mm			37.0"	939.8 mm
48.0	38.5"	977.9 mm	37.5"	952.5 mm			38.0"	965.2 mm

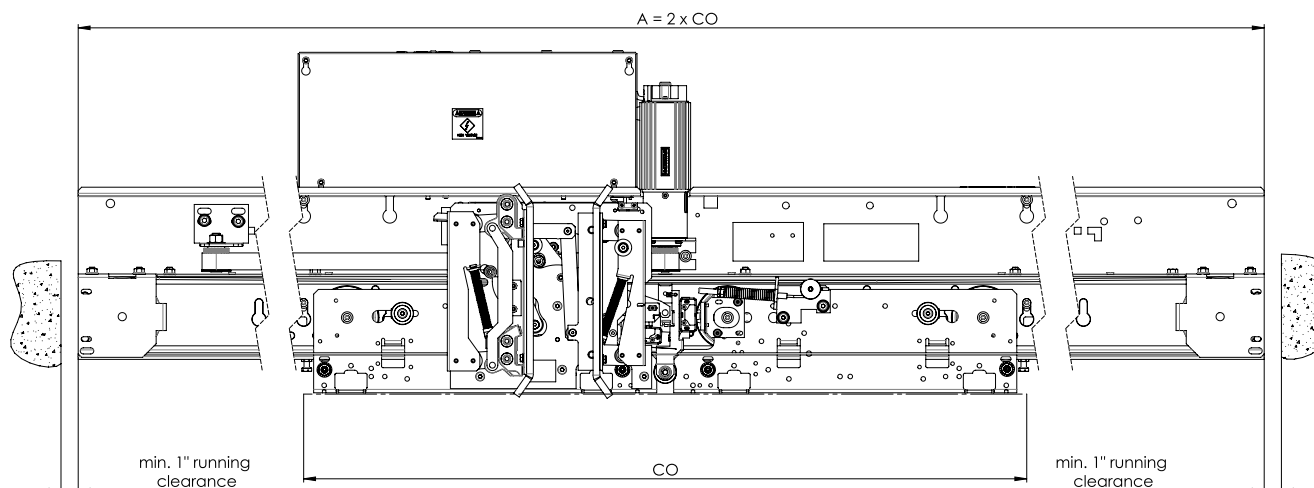
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## Automatic Doors SGV NA

Car door operator / Landing mechanism

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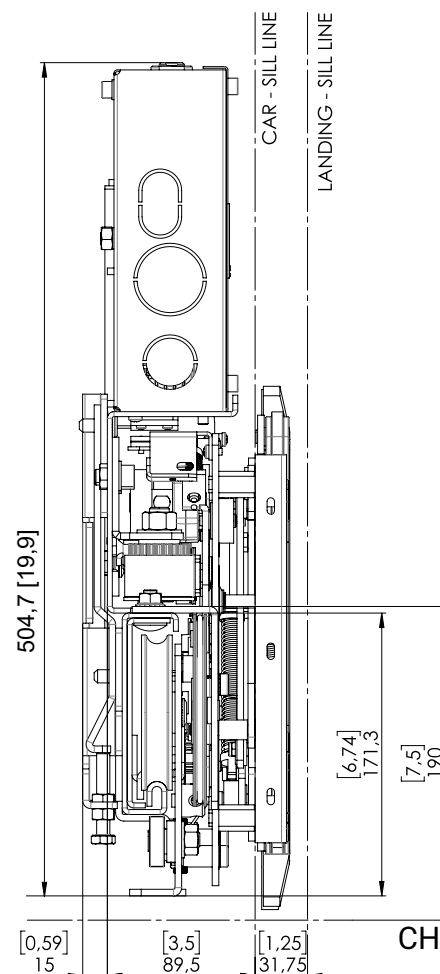
### 2.2. Two panel center opening 2C



CO		A		Drive	Railing	Weight* [lbs]	
[inch]	mm	[inch]	mm	[lbs]	[lbs]	SGV6 = Midi R6	SGV2 = Supra R2
36	914,4	72	1828,8	54,41	35,89	107,9	111,2
37	939,8	74	1879,6	55,83		111,6	114,9
38	965,2	76	1930,4	57,25		115,3	118,6
39	990,6	78	1981,2	58,66		119,0	122,3
40	1016	80	2032	60,08	44,91	122,6	125,9
41	1041,4	82	2082,8	61,50		126,3	129,6
42	1066,8	84	2133,6	62,92	49,43	130,0	133,3
43	1092,2	86	2184,4	64,34		133,7	137,0
44	1117,6	88	2235,2	65,76		137,3	140,6
45	1143	90	2286	67,17		141,0	144,3
46	1168,4	92	2336,8	68,59	58,45	144,7	148,0
47	1193,8	94	2387,6	70,01		148,4	151,7
48	1219,2	96	2438,4	71,43	62,96	152,0	155,3
49	1244,6	98	2489,2	72,85		155,7	159,0
50	1270	100	2540	74,27		159,4	162,7
51	1295,4	102	2590,8	75,68		163,1	166,4
52	1320,8	104	2641,6	77,10		166,7	170,0
53	1346,2	106	2692,4	78,52		170,4	173,7
54	1371,6	108	2743,2	79,94		174,1	177,4
55	1397	110	2794	81,36		177,7	181,1
56	1422,4	112	2844,8	82,78		181,4	184,7
57	1447,8	114	2895,6	84,19		185,1	188,4
58	1473,2	116	2946,4	85,61		188,8	192,1
59	1498,6	118	2997,2	87,03		192,4	195,8
60	1524	120	3048	88,45		196,1	199,4

Standard coupler position left, seen from the hall,  
right hand and dual car door lock version on request.

\* Weight = Door operator with new install car interlock; no  
modernization components like brackets or panel adapters  
included



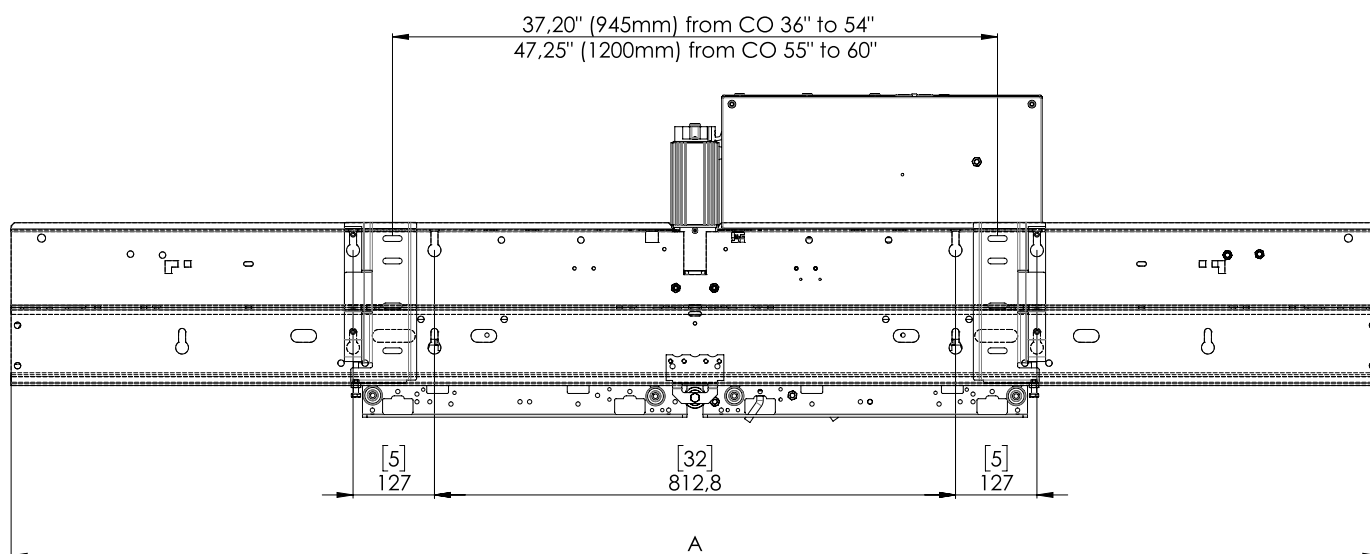
# TECHNICAL CATALOGUE

## Automatic Doors SGV NA

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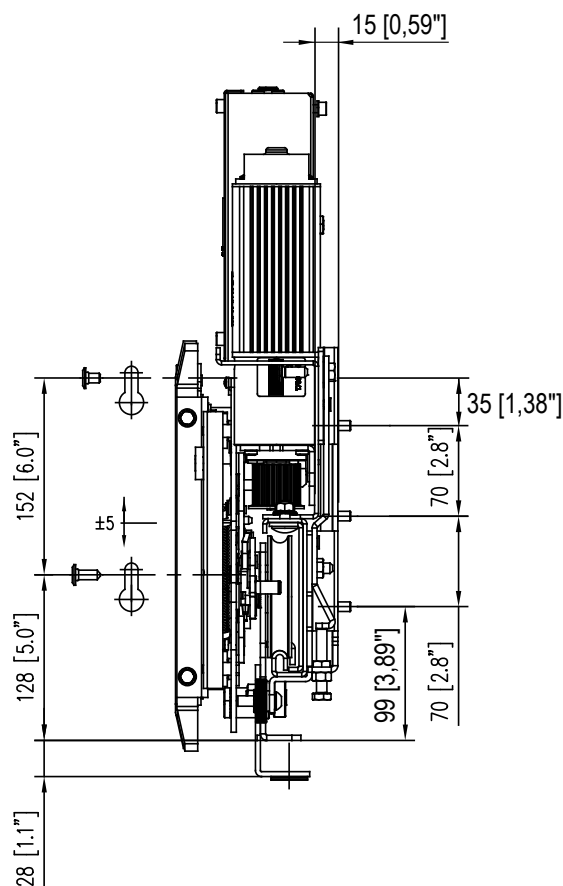
Car door operator / Landing mechanism

### 2.2.1 Car door operator fixing points SGVNA



CO		A	
[inch]	mm	[inch]	mm
36.0	914.4	72.0	1828.8
37.0	939.8	74.0	1879.6
38.0	965.2	76.0	1930.4
39.0	990.6	78.0	1981.2
40.0	1016.0	80.0	2032.0
41.0	1041.4	82.0	2082.8
42.0	1066.8	84.0	2133.6
43.0	1092.2	86.0	2184.4
44.0	1117.6	88.0	2235.2
45.0	1143.0	90.0	2286.0
46.0	1168.4	92.0	2336.8
47.0	1193.8	94.0	2387.6
48.0	1219.2	96.0	2438.4
49.0	1244.6	98.0	2489.2
50.0	1270.0	100.0	2540.0
51.0	1295.4	102.0	2590.8
52.0	1320.8	104.0	2641.6
53.0	1346.2	106.0	2692.4
54.0	1371.6	108.0	2743.2
55.0	1397.0	110.0	2794.0
56.0	1422.4	112.0	2844.8
57.0	1447.8	114.0	2895.6
58.0	1473.2	116.0	2946.4
59.0	1498.6	118.0	2997.2
60.0	1524.0	120.0	3048.0

4 fixing points to be used in minimum



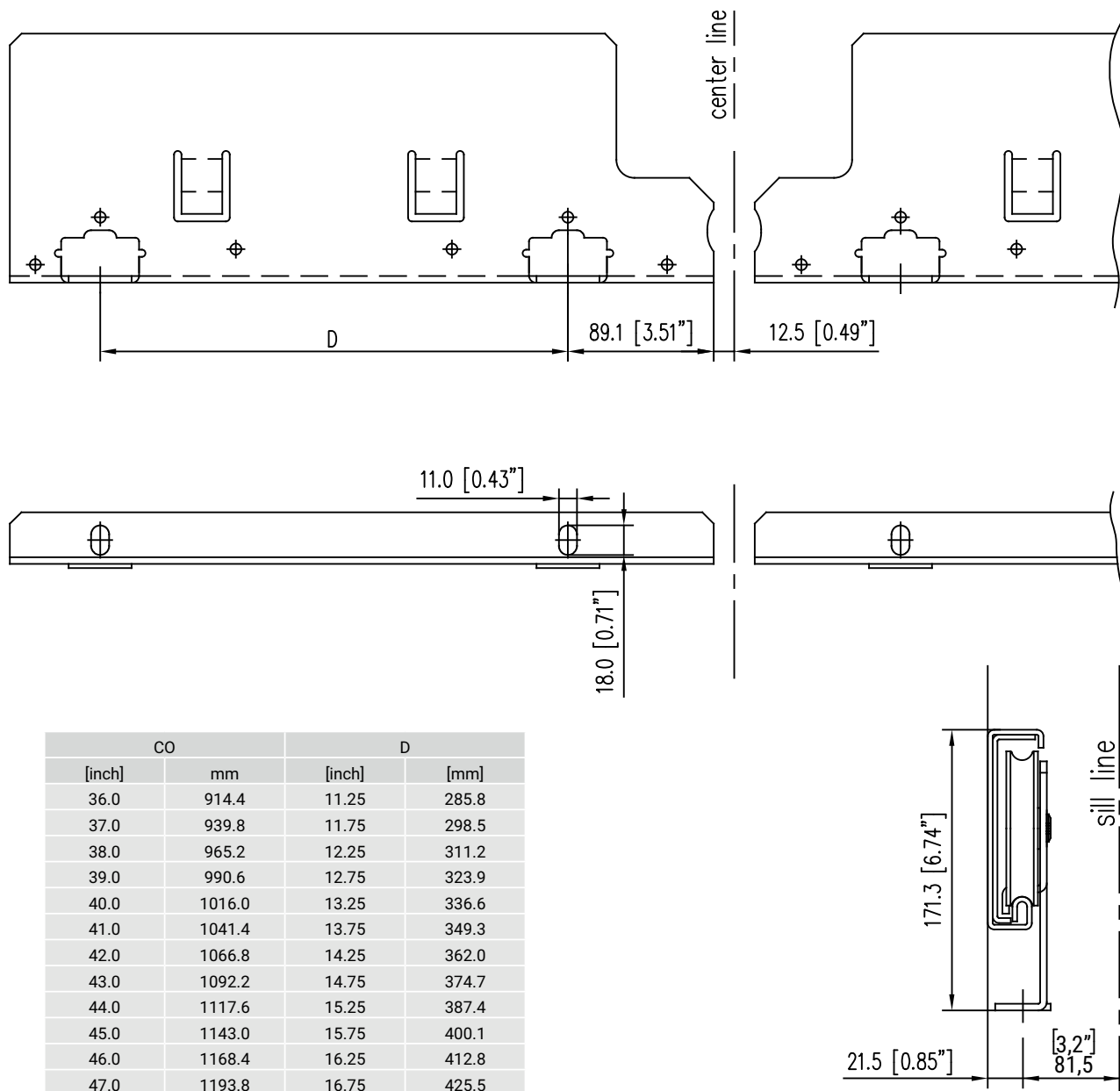
# TECHNICAL CATALOGUE

## Automatic Doors SGV NA

Car door operator / Landing mechanism

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### 2.2.2 Door interface SGVNA / T-hanger plate



CO		D	
[inch]	mm	[inch]	mm
36.0	914.4	11.25	285.8
37.0	939.8	11.75	298.5
38.0	965.2	12.25	311.2
39.0	990.6	12.75	323.9
40.0	1016.0	13.25	336.6
41.0	1041.4	13.75	349.3
42.0	1066.8	14.25	362.0
43.0	1092.2	14.75	374.7
44.0	1117.6	15.25	387.4
45.0	1143.0	15.75	400.1
46.0	1168.4	16.25	412.8
47.0	1193.8	16.75	425.5
48.0	1219.2	17.25	438.2
49.0	1244.6	17.75	450.9
50.0	1270.0	18.25	463.6
51.0	1295.4	18.75	476.3
52.0	1320.8	19.25	489.0
53.0	1346.2	19.75	501.7
54.0	1371.6	20.25	514.4
55.0	1397.0	20.75	527.1
56.0	1422.4	21.25	539.8
57.0	1447.8	21.75	552.5
58.0	1473.2	22.25	565.2
59.0	1498.6	22.75	577.9
60.0	1524.0	23.25	590.6

# TECHNICAL CATALOGUE

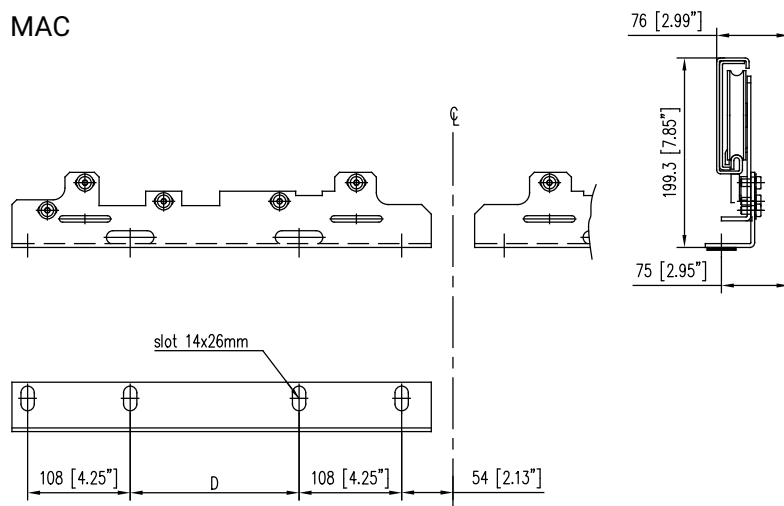
## Automatic Doors SGV NA

Car door operator / Landing mechanism

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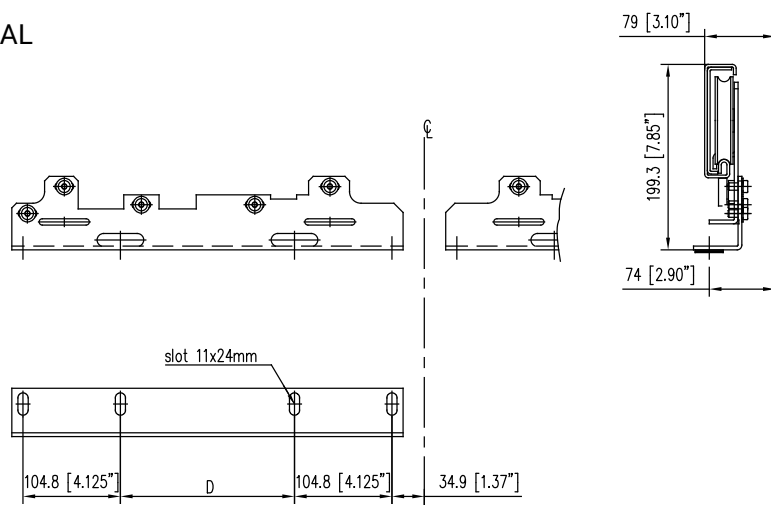
### 2.2.3 Panel adapter

#### 2.2.3.1 MAC



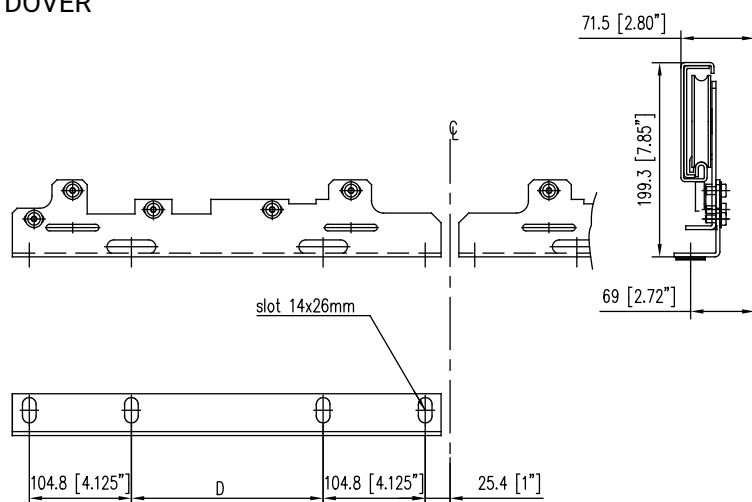
	MAC
order code	WMAC01

#### 2.2.3.2 GAL



	GAL
order code	WGAL01

#### 2.2.3.3 DOVER



	DOVER
order code	WDOV01

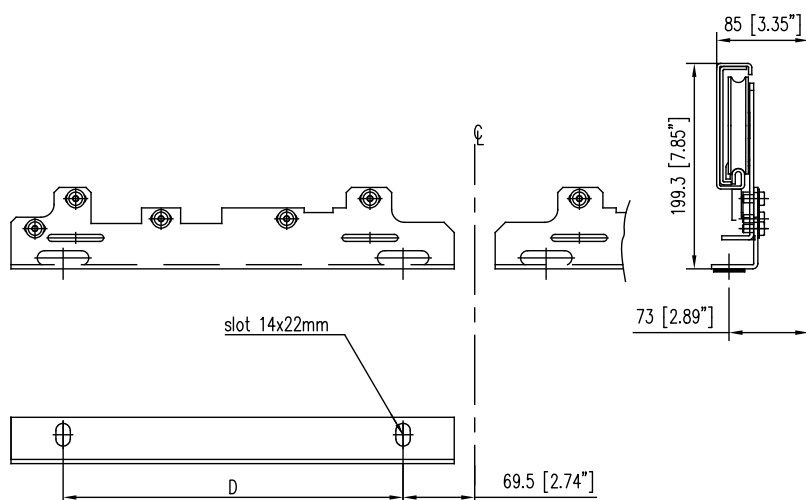
# TECHNICAL CATALOGUE

## Automatic Doors SGV NA

Car door operator / Landing mechanism

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### 2.2.3.4 ARMOR



	ARMOR
order code	WARM01

CO	D							
	MAC		DOVER		GAL		ARMOR	
36.0	7.0"	177.8 mm	7.752"	196.9 mm	7.375"	187.3 mm	13.0"	330.2 mm
37.0	7.5"	190.5 mm					13.5"	342.9 mm
38.0	8,0	203.2 mm	8.752"	222.3 mm			14.0"	355.6 mm
39.0	8.5"	215.9 mm			8.875"	225.5 mm	14.5"	368.3 mm
40.0	9.0"	228.6 mm	9.752"	247.7 mm			15.0"	381 mm
41.0	9.5"	241.3 mm					15.5"	393.7 mm
42.0	10.0"	254 mm	10.752"	273.1 mm	10.375"	263.5 mm	16.0"	406.4 mm
43.0	10.5"	266.7 mm					16.5"	419.1 mm
44.0	11.0"	279.4 mm	11.752"	298.5 mm			17.0"	431.8 mm
45.0	11.5"	292.1 mm			11.875"	301.6 mm	17.5"	444.5 mm
46.0	12.0"	304.8 mm	12.752"	323.9 mm			18.0"	457.2 mm
47.0	12.5"	317.5 mm					18.5"	469.9 mm
48.0	13.0"	330.2 mm	13.752"	349.3 mm	13.375"	339.7 mm	19.0"	482.6 mm
49.0	13.5"	342.9 mm					19.5"	495.3 mm
50.0	14.0"	355.6 mm	14.752"	374.7 mm			20.0"	508 mm
51.0	14.5"	368.3 mm			14.875"	377,7mm	20.5"	520.7 mm
52.0	15.0"	381 mm	15.752"	400.1 mm			21.0"	533.4 mm
53.0	15.5"	393.7 mm					21.5"	546.1 mm
54.0	16.0"	406.4 mm	16.752"	425.5 mm	13.375"	339,7mm	22.0"	558.8 mm
55.0	16.5"	419.1 mm					22.5"	571.5 mm
56.0	17.0"	431.8 mm	17.752"	450.9 mm			23.0"	584.2 mm
57.0	17.5"	444.5 mm			14.875"	377,7mm	23.5"	596.9 mm
58.0	18.0"	457.2 mm	18.752"	476.3 mm			24.0"	609.6 mm
59.0	18.5"	469.9 mm					24.5"	622.3 mm
60.0	19.0"	482.6 mm	19.752"	501.7 mm	n.a.	n.a.	25.0"	635 mm

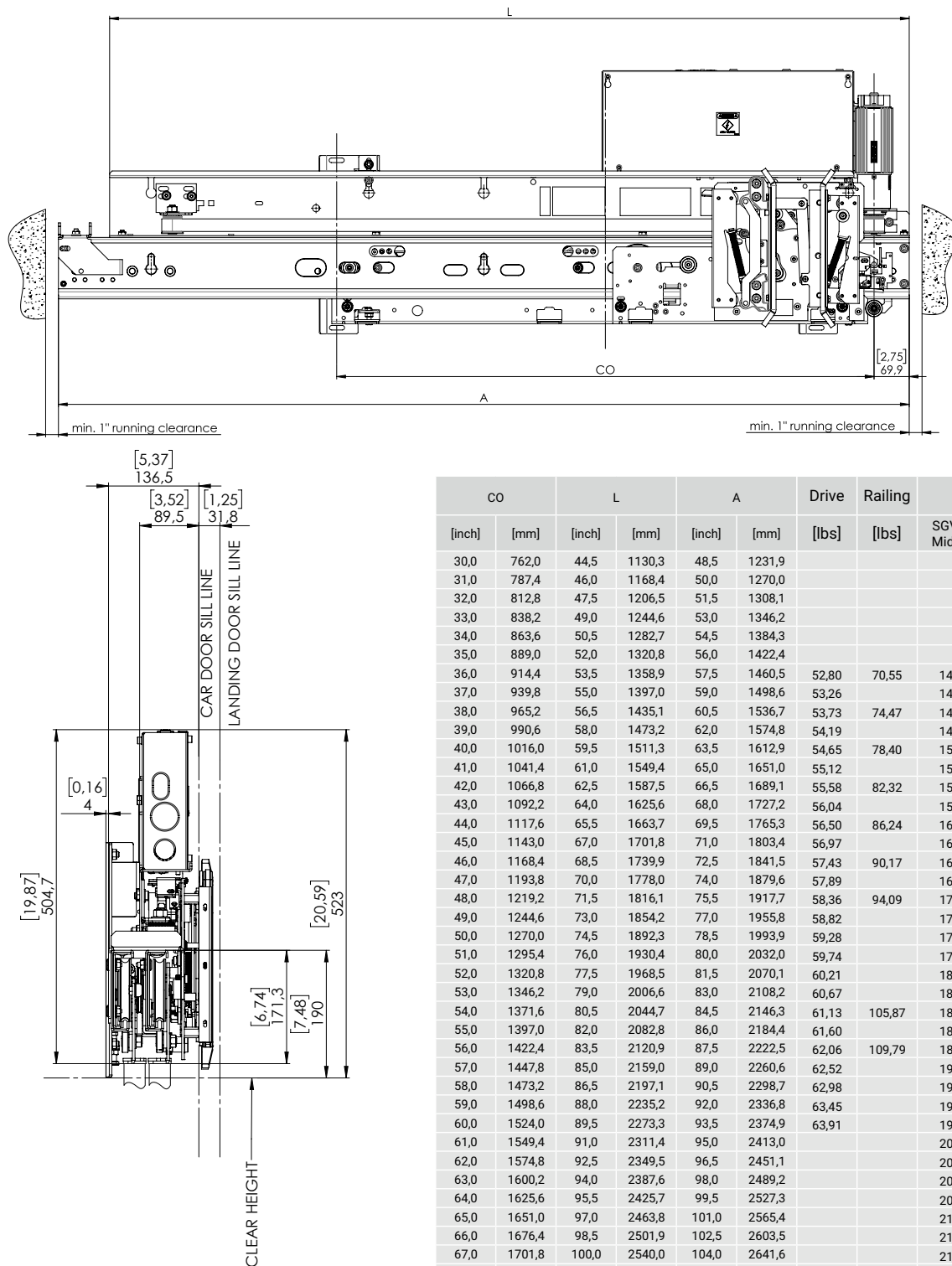
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### 2.3 Two panel side opening 2T



\* Weight = Door operator with new install car interlock;  
no modernization components like brackets or panel  
adapters included

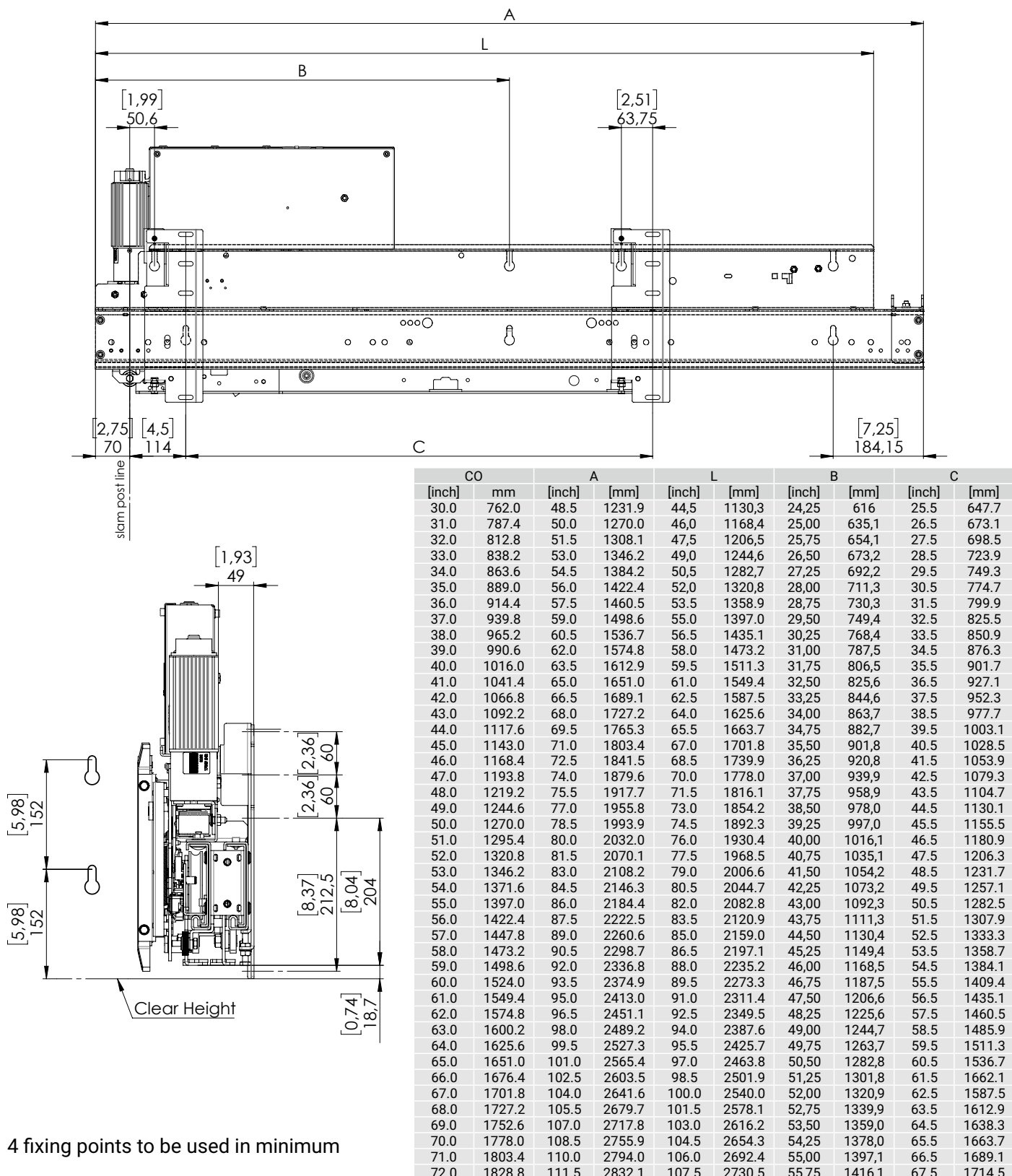
# TECHNICAL CATALOGUE

## Automatic Doors SGV NA

Car door operator / Landing mechanism

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### 2.3.1 Car door operator fixing points SGVNA



4 fixing points to be used in minimum



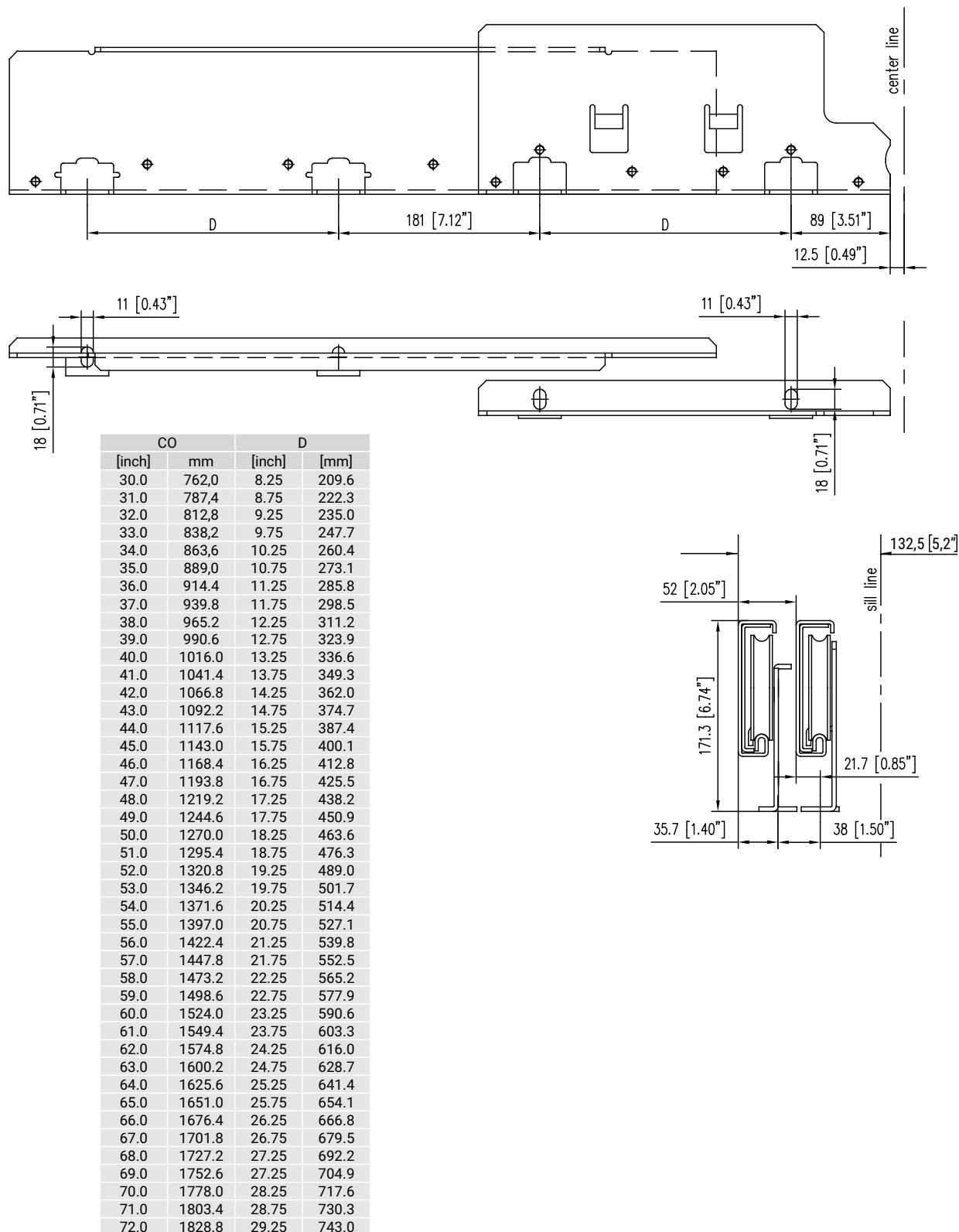
# TECHNICAL CATALOGUE

## Automatic Doors SGV NA

Car door operator / Landing mechanism

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### 2.3.2 Door interface SGVNA / T-hanger plate



# TECHNICAL CATALOGUE

## Automatic Doors SGV NA

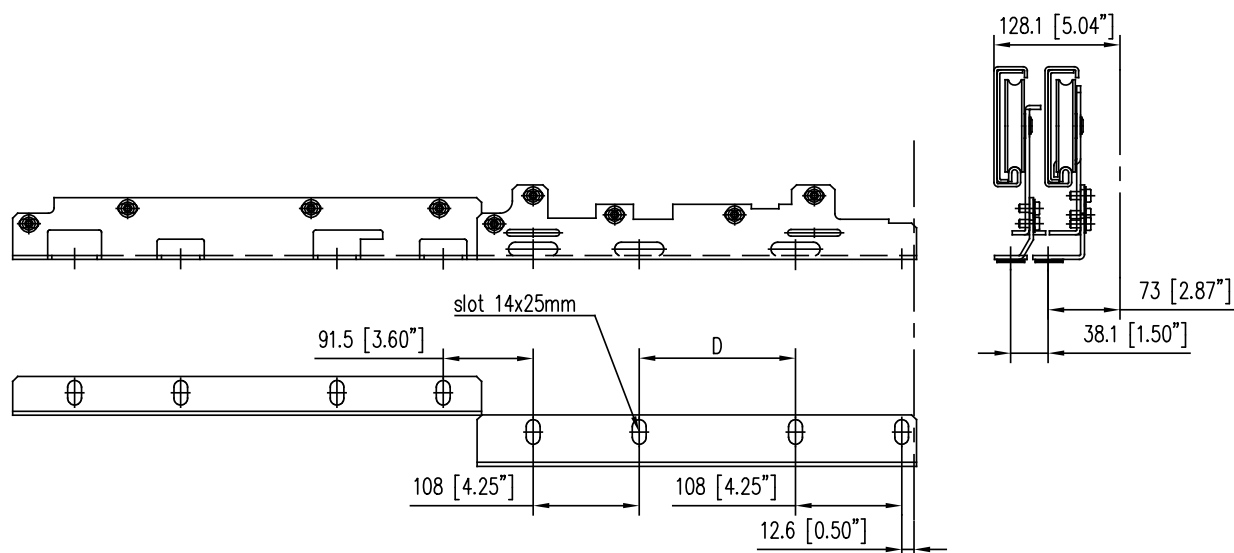
Car door operator / Landing mechanism

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### 2.3.3 Panel adapter

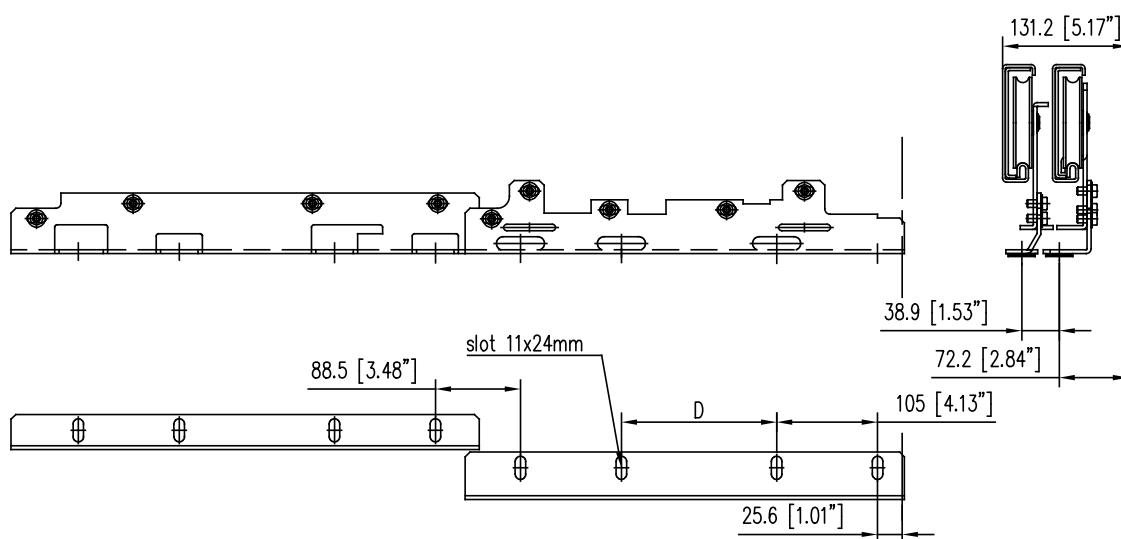
#### 2.3.3.1 MAC

	MAC
order code	WMAC01



#### 2.3.3.2 GAL

	GAL
order code	WGAL01



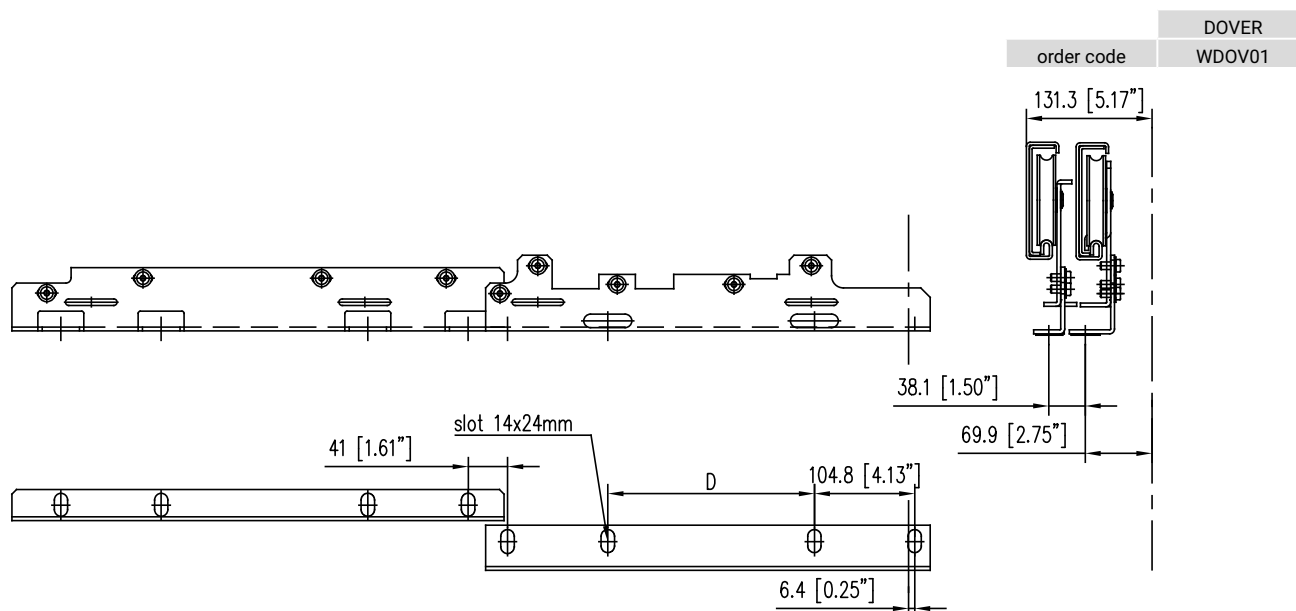
# TECHNICAL CATALOGUE

## Automatic Doors SGV NA

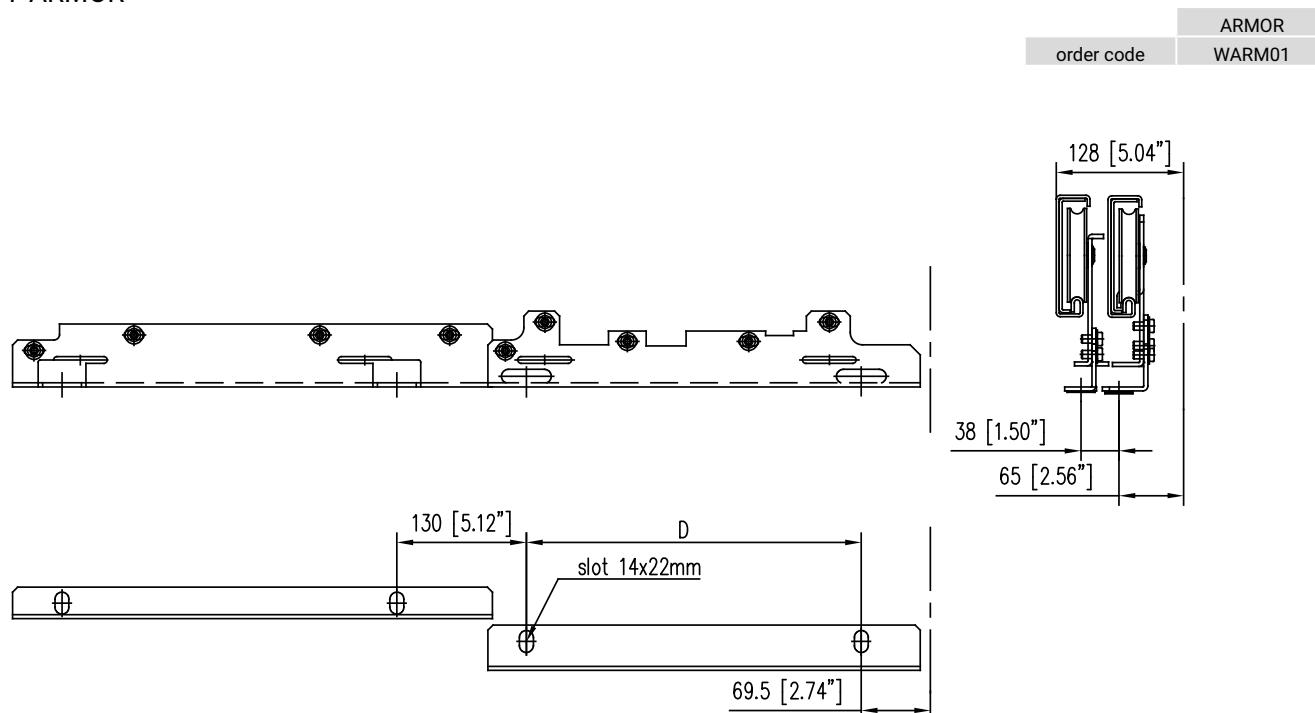
Car door operator / Landing mechanism

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### 2.3.3.3 DOVER



### 2.3.3.4 ARMOR



# TECHNICAL CATALOGUE

## Automatic Doors SGV NA

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CO	MAC		DOVER		GAL		ARMOR	
	D		D		D		D	
[inch]	[inch]	[mm]	[inch]	[mm]	[inch]	[mm]	[inch]	[mm]
36.0	5.0"	127.0	5.752"	146.1	6.375"	161.9	11.0"	279.4
37.0	5.5"	139.7	6.752"	171.5	8.375"	212.7	11.5"	292.1
38.0	6.0"	152.4					12.0"	304.8
39.0	6.5"	165.1					12.5"	317.5
40.0	7.0"	177.8	7.752"	196.9			10.375"	263.5
41.0	7.5"	190.5	8.752"	222.3	13.5"	342.9		
42.0	8.0	203.2			14.0"	355.6		
43.0	8.5"	215.9			14.5"	368.3		
44.0	9.0"	228.6	9.752"	247.7	12.375"	314.3	15.0"	381.0
45.0	9.5"	241.3	10.752"	273.1			15.5"	393.7
46.0	10.0"	254.0					16.0"	406.4
47.0	10.5"	266.7					16.5"	419.1
48.0	11.0"	279.4	11.752"	298.5			17.0"	431.8
49.0	11.5"	292.1	12.752"	323.9			17.5"	444.5
50.0	12.0"	304.8					18.0"	457.2
51.0	12.5"	317.5			18.5"	469.9		
52.0	13.0"	330.2	13.752"	349.3	14.375"	365.2	19.0"	482.6
53.0	13.5"	342.9	14.752"	374.7			19.5"	495.3
54.0	14.0"	355.6					20.0"	508.0
55.0	14.5"	368.3					20.5"	520.7
56.0	15.0"	381.0	15.752"	400.1	16.375"	415.9	21.0"	533.4
57.0	15.5"	393.7	16.752"	425.5			21.5"	546.1
58.0	16.0"	406.4					22.0"	558.8
59.0	16.5"	419.1					22.5"	571.5
60.0	17.0"	431.8	17.752"	450.9	18.375"	466.7	23.0"	584.2
61.0	17.5"	444.5	18.752"	476.3			23.5"	596.9
62.0	18.0"	457.2					24.0"	609.6
63.0	18.5"	469.9					24.5"	622.3
64.0	19.0"	482.6	19.752"	501.7	20.375"	517.5	25.0"	635.0
65.0	n.a.	n.a.	n.a.	n.a.			n.a.	n.a.
66.0	n.a.	n.a.	n.a.	n.a.			n.a.	n.a.
67.0	n.a.	n.a.	n.a.	n.a.			n.a.	n.a.
68.0	n.a.	n.a.	n.a.	n.a.	22.375"	568.3	n.a.	n.a.
69.0	n.a.	n.a.	n.a.	n.a.			n.a.	n.a.
70.0	n.a.	n.a.	n.a.	n.a.			n.a.	n.a.
71.0	n.a.	n.a.	n.a.	n.a.			n.a.	n.a.
72.0	n.a.	n.a.	n.a.	n.a.			n.a.	n.a.

# TECHNICAL CATALOGUE

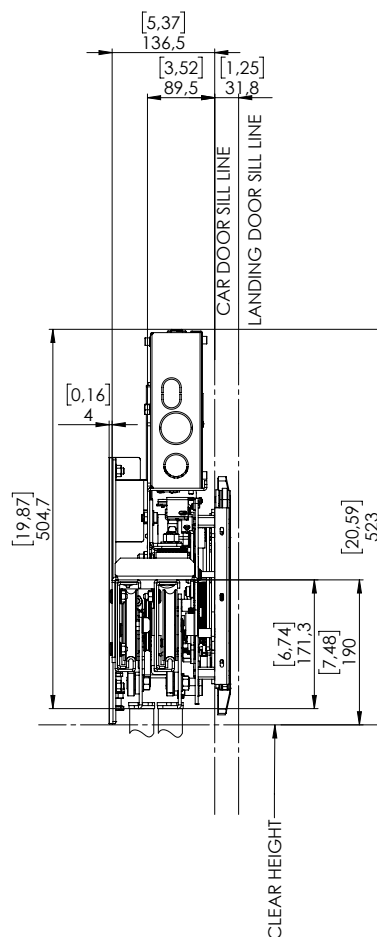
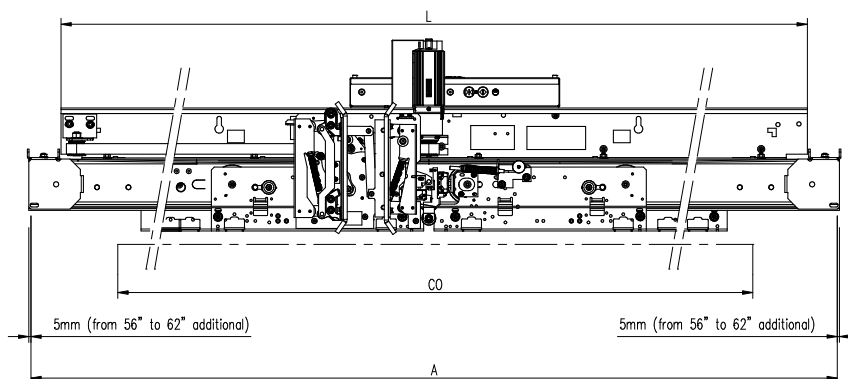
## Automatic Doors SGV NA

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### 2.4 Four panel center opening 4C

CO		L		A	
[inch]	[mm]	[inch]	[mm]	[inch]	[mm]
48,0	1219,2	76,9	1953,2	76,5	1943,2
49,0	1244,6	77,9	1978,6	77,5	1968,6
50,0	1270,0	78,9	2004,0	78,5	1994,0
51,0	1295,4	79,9	2029,4	79,5	2019,4
52,0	1320,8	80,9	2054,8	80,5	2044,8
53,0	1346,2	81,9	2080,2	81,5	2070,2
54,0	1371,6	82,9	2105,6	82,5	2095,6
55,0	1397,0	83,9	2131,0	83,5	2121,0
56,0	1422,4	84,9	2143,6	84,0	2133,6
57,0	1447,8	85,9	2181,7	85,5	2171,7
58,0	1473,2	87,4	2219,8	87,0	2209,8
59,0	1498,6	88,9	2257,9	88,5	2247,9
60,0	1524,0	90,4	2296,0	90,0	2286,0
61,0	1549,4	91,9	2334,1	91,5	2324,1
62,0	1574,8	93,4	2372,2	93,0	2362,2
63,0	1600,2	88,5	2247,2	94,0	2387,6
64,0	1625,6	89,5	2272,6	96,0	2438,4
65,0	1651,0	90,5	2298,0	97,5	2476,5
66,0	1676,4	91,5	2323,4	99,0	2514,6
67,0	1701,8	92,5	2348,8	100,5	2552,7
68,0	1727,2	93,5	2374,2	102,0	2590,8
69,0	1752,6	94,5	2399,6	103,5	2628,9
70,0	1778,0	95,5	2425,0	105,0	2667,0
71,0	1803,4	96,5	2450,4	106,5	2705,1
72,0	1828,8	97,5	2475,8	108,0	2743,2
73,0	1854,2	98,5	2501,2	109,5	2781,3
74,0	1879,6	99,5	2526,6	111,0	2819,4
75,0	1905,0	100,5	2552,0	112,5	2857,5
76,0	1930,4	101,5	2577,4	114,0	2895,6
77,0	1955,8	102,5	2602,8	115,5	2933,7
78,0	1981,2	103,5	2628,2	117,0	2971,8
79,0	2006,6	104,5	2653,6	118,5	3009,9
80,0	2032,0	105,5	2679,0	120,0	3048,0
81,0	2057,4	106,5	2704,4	121,5	3086,1
82,0	2082,8	107,5	2729,8	123,0	3124,2
83,0	2108,2	108,5	2755,2	124,5	3162,3
84,0	2133,6	109,5	2780,6	126,0	3200,4
85,0	2159,0	110,5	2806,0	127,5	3238,5
86,0	2184,4	111,5	2831,4	129,0	3276,6
87,0	2209,8	112,5	2856,8	130,5	3314,7
88,0	2235,2	113,5	2882,2	132,0	3352,8
89,0	2260,6	114,5	2907,6	133,5	3390,9
90,0	2286,0	115,5	2933,0	135,0	3429,0
91,0	2311,4	116,5	2958,4	136,5	3467,1
92,0	2336,8	117,5	2983,8	138,0	3505,2
93,0	2362,2	118,5	3009,2	139,5	3543,3
94,0	2387,6	119,5	3034,6	141,0	3581,4
95,0	2413,0	120,5	3060,0	142,5	3619,5
96,0	2438,4	121,5	3085,4	144,0	3657,6
97,0	2463,8	122,5	3110,8	145,5	3695,7
98,0	2489,2	123,5	3136,2	147,0	3733,8
99,0	2514,6	124,5	3161,6	148,5	3771,9
100,0	2540,0	125,5	3187,0	150,0	3810,0
101,0	2565,4	126,5	3212,4	151,5	3848,1
102,0	2590,8	127,5	3237,8	153,0	3886,2
103,0	2616,2	128,5	3263,2	154,5	3924,3
104,0	2641,6	129,5	3288,6	156,0	3962,4
105,0	2667,0	130,5	3314,0	157,5	4000,5
106,0	2692,4	131,5	3339,4	159,0	4038,6
107,0	2717,8	132,5	3364,8	160,5	4076,7
108,0	2743,2	133,5	3390,2	162,0	4114,8
109,0	2768,6	134,5	3415,6	163,5	4152,9
110,0	2794,0	135,5	3441,0	165,0	4191,0
111,0	2819,4	136,5	3466,4	166,5	4229,1
112,0	2844,8	137,5	3491,8	168,0	4267,2
113,0	2870,2	138,5	3517,2	169,5	4305,3
114,0	2895,6	139,5	3542,6	171,0	4343,4
115,0	2921,0	140,5	3568,0	172,5	4381,5
116,0	2946,4	141,5	3593,4	174,0	4419,6
117,0	2971,8	142,5	3618,8	175,5	4457,7
118,0	2997,2	143,5	3644,2	177,0	4495,8





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# TECHNICAL CATALOGUE

## Automatic Doors SGV NA

Car door operator / Landing mechanism

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### 2.4.1 Car door operator fixing SGVNA

4 fixing points to be used in minimum

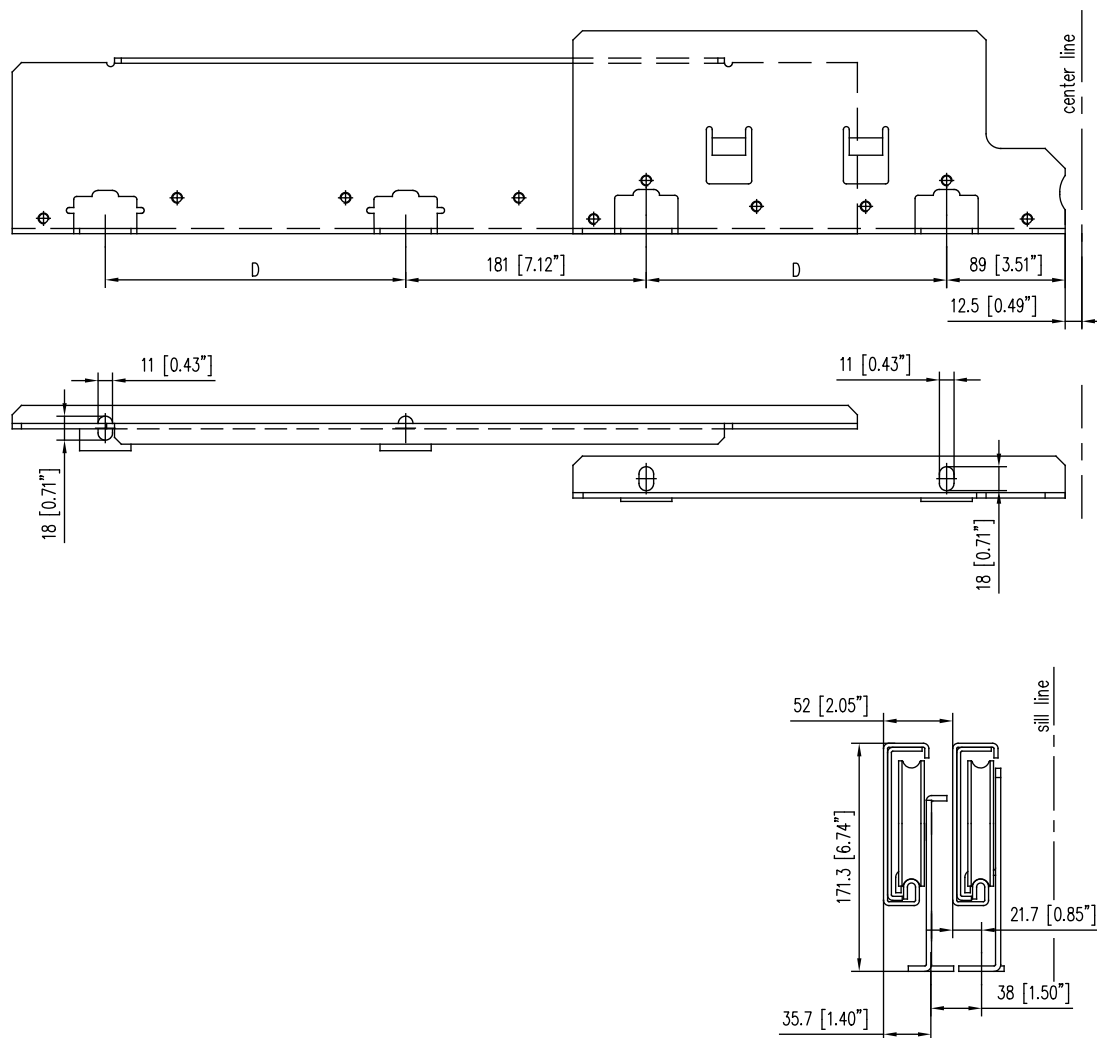
# TECHNICAL CATALOGUE

## Automatic Doors SGV NA

Car door operator / Landing mechanism

Code TC.2.005255.EN  
Version B  
Date 27.11.2020  
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### 2.4.2 Door interface SGVNA / T-hanger plate



# TECHNICAL CATALOGUE

## Automatic Doors SGV NA

Car door operator / Landing mechanism

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L		D	
[inch]	[mm]	[inch]	[mm]
48.0	1219.2	7.25	184.2
49.0	1244.6	7.25	184.2
50.0	1270.0	7.25	184.2
51.0	1295.4	7.25	184.2
52.0	1320.8	7.25	184.2
53.0	1346.2	7.25	184.2
54.0	1371.6	7.25	184.2
55.0	1397.0	7.25	184.2
56.0	1422.4	7.25	184.2
57.0	1447.8	7.50	190.6
58.0	1473.2	7.75	196.9
59.0	1498.6	8.00	203.3
60.0	1524.0	8.25	209.6
61.0	1549.4	8.50	216.0
62.0	1574.8	8.75	222.3
63.0	1600.2	9.00	228.7
64.0	1625.6	9.25	235.0
65.0	1651.0	9.50	241.4
66.0	1676.4	9.75	247.7
67.0	1701.8	10.00	254.1
68.0	1727.2	10.25	260.4
69.0	1752.6	10.50	266.8
70.0	1778.0	10.75	273.1
71.0	1803.4	11.00	279.5
72.0	1828.8	11.25	285.8
73.0	1854.2	11.50	292.2
74.0	1879.6	11.75	298.5
75.0	1905.0	12.00	304.9
76.0	1930.4	12.25	311.2
77.0	1955.8	12.50	317.6
78.0	1981.2	12.75	323.9
79.0	2006.6	13.00	330.3
80.0	2032.0	13.25	336.6
81.0	2057.4	13.50	343.0
82.0	2082.8	13.75	349.3
83.0	2108.2	14.00	355.7
84.0	2133.6	14.25	362.0
85.0	2159.0	14.50	368.4
86.0	2184.4	14.75	374.7
87.0	2209.8	15.00	381.1
88.0	2235.2	15.25	387.4

L		D	
[inch]	[mm]	[inch]	[mm]
89.0	2260.6	15.50	393.8
90.0	2286.0	15.75	400.1
91.0	2311.4	16.00	406.5
92.0	2336.8	16.25	412.8
93.0	2362.2	16.50	419.2
94.0	2387.6	16.75	425.5
95.0	2413.0	17.00	431.9
96.0	2438.4	17.25	438.2
97.0	2463.8	17.50	444.6
98.0	2489.2	17.75	450.9
99.0	2514.6	18.00	457.3
100.0	2540.0	18.25	463.6
101.0	2565.4	18.50	470.0
102.0	2590.8	18.75	476.3
103.0	2616.2	19.00	482.7
104.0	2641.6	19.25	489.0
105.0	2667.0	19.50	495.4
106.0	2692.4	19.75	501.7
107.0	2717.8	20.00	508.1
108.0	2743.2	20.25	514.4
109.0	2768.6	20.50	520.8
110.0	2794.0	20.75	527.1
111.0	2819.4	21.00	533.5
112.0	2844.8	21.25	539.8
113.0	2870.2	21.50	546.2
114.0	2895.6	21.75	552.5
115.0	2921.0	22.00	558.9
116.0	2945.4	22.25	565.2
117.0	2971.8	22.50	571.6
118.0	2997.2	22.75	577.9





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# TECHNICAL CATALOGUE

## Automatic Doors SGV NA

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Car door operator / Landing mechanism

### 2.4.3 Panel adapter

#### 2.4.3.1 MAC

available on special request

#### 2.4.3.2 GAL

available on special request

#### 2.4.3.3 DOVER

available on special request

#### 2.4.3.4 ARMOR

available on special request

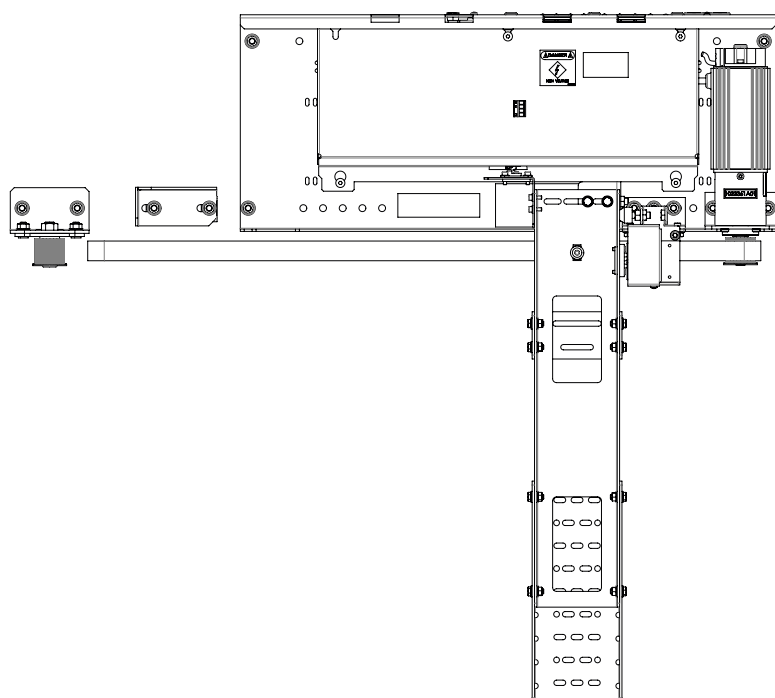
# TECHNICAL CATALOGUE

## Automatic Doors SGV NA

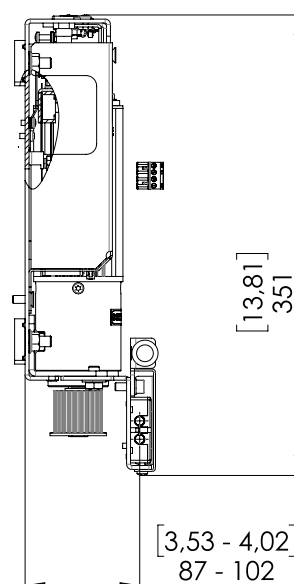
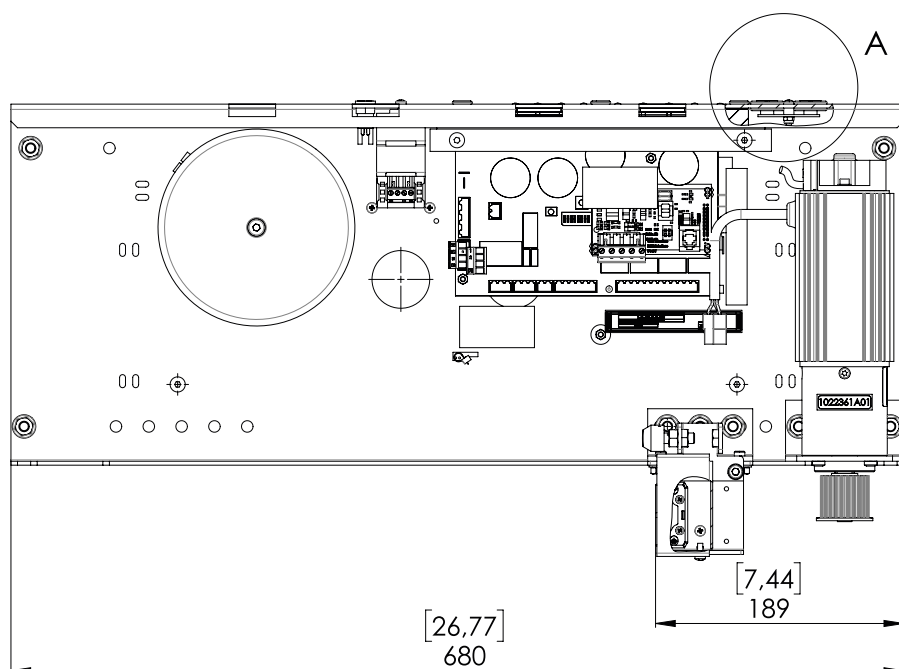
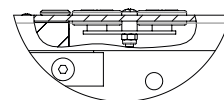
Car door operator / Landing mechanism

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### 2.5 Drive only



Detail A  
1:2



# TECHNICAL CATALOGUE

## Automatic Doors SGV NA

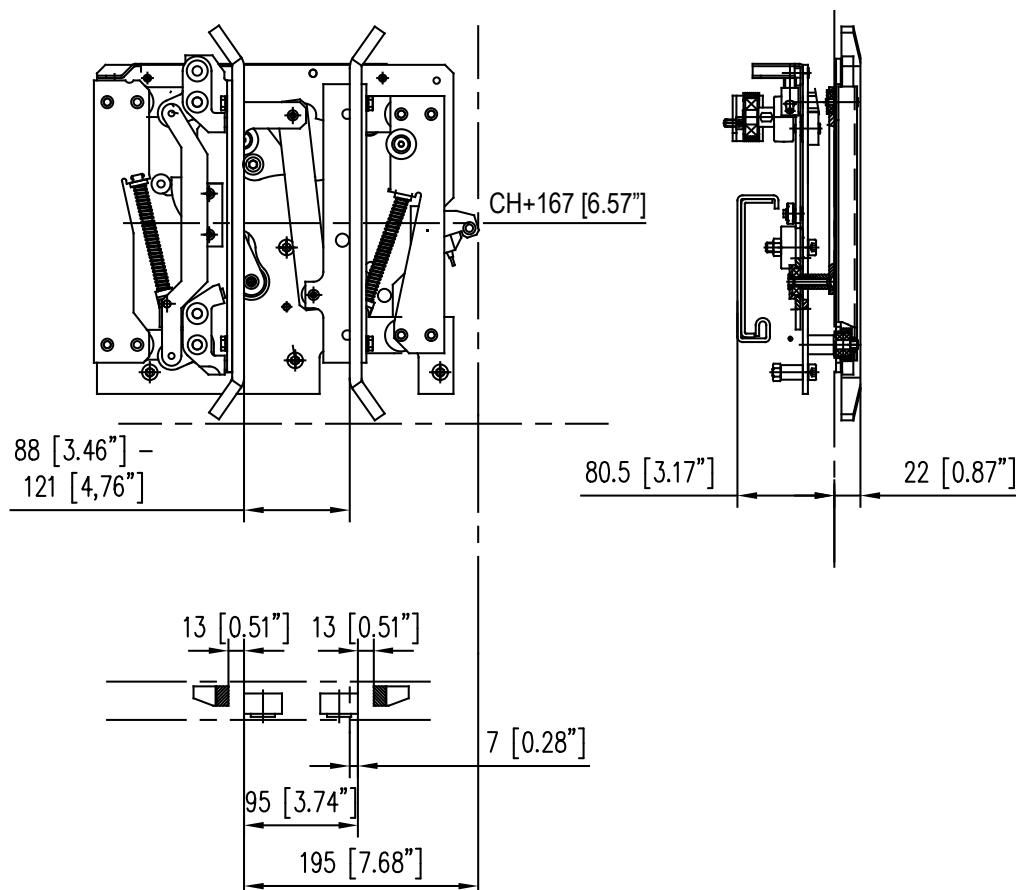
Car door operator / Landing mechanism

Code TC.2.005255.EN  
Version B  
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### 3. CAR DOOR INTERLOCKS

#### 3.1 Car door interlock AMD

	car door lock
order code	WAMD01E



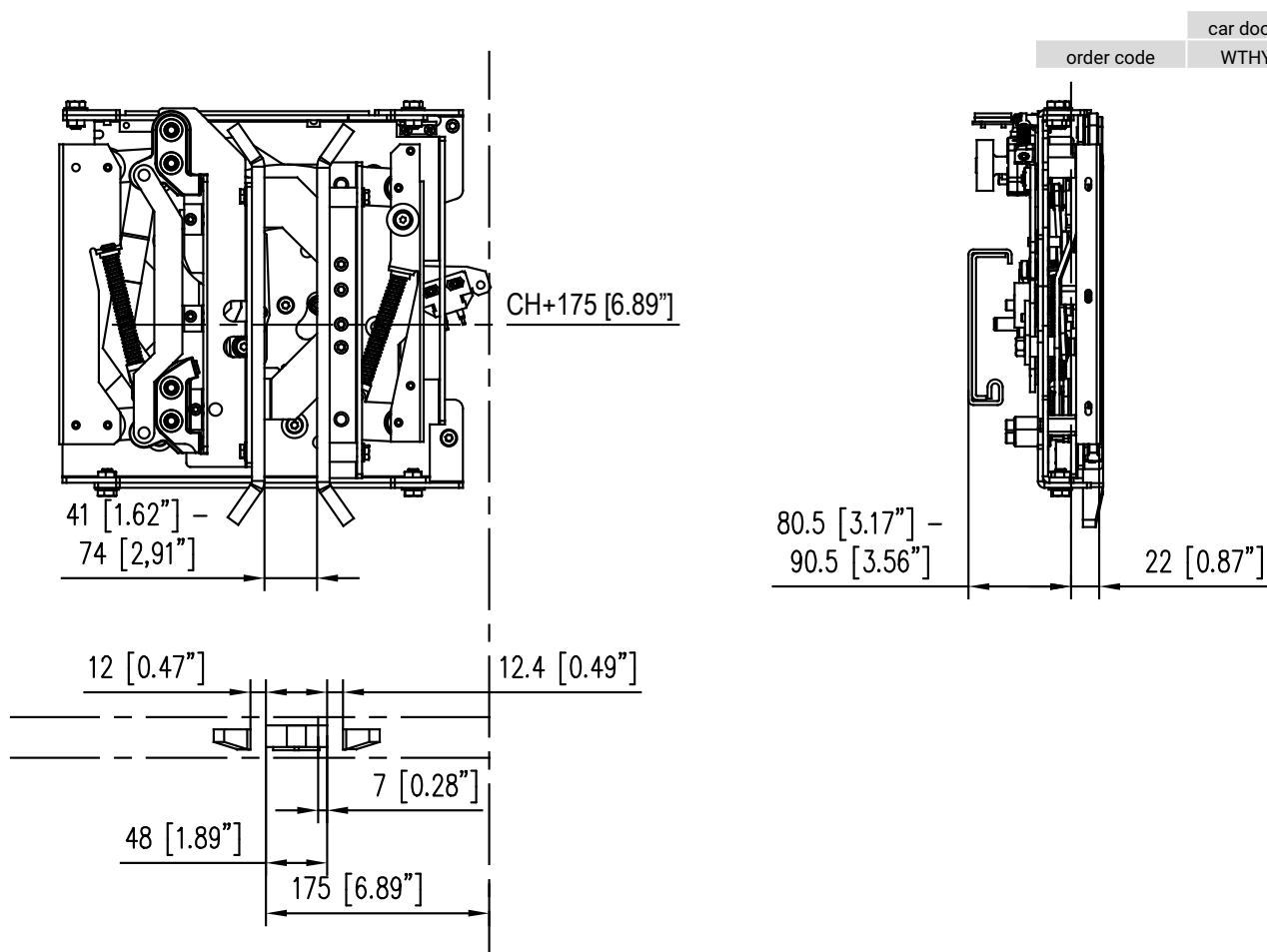
# TECHNICAL CATALOGUE

## Automatic Doors SGV NA

Car door operator / Landing mechanism

Code TC.2.005255.EN  
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### 3.2 Car door interlock Thyssen US



# TECHNICAL CATALOGUE

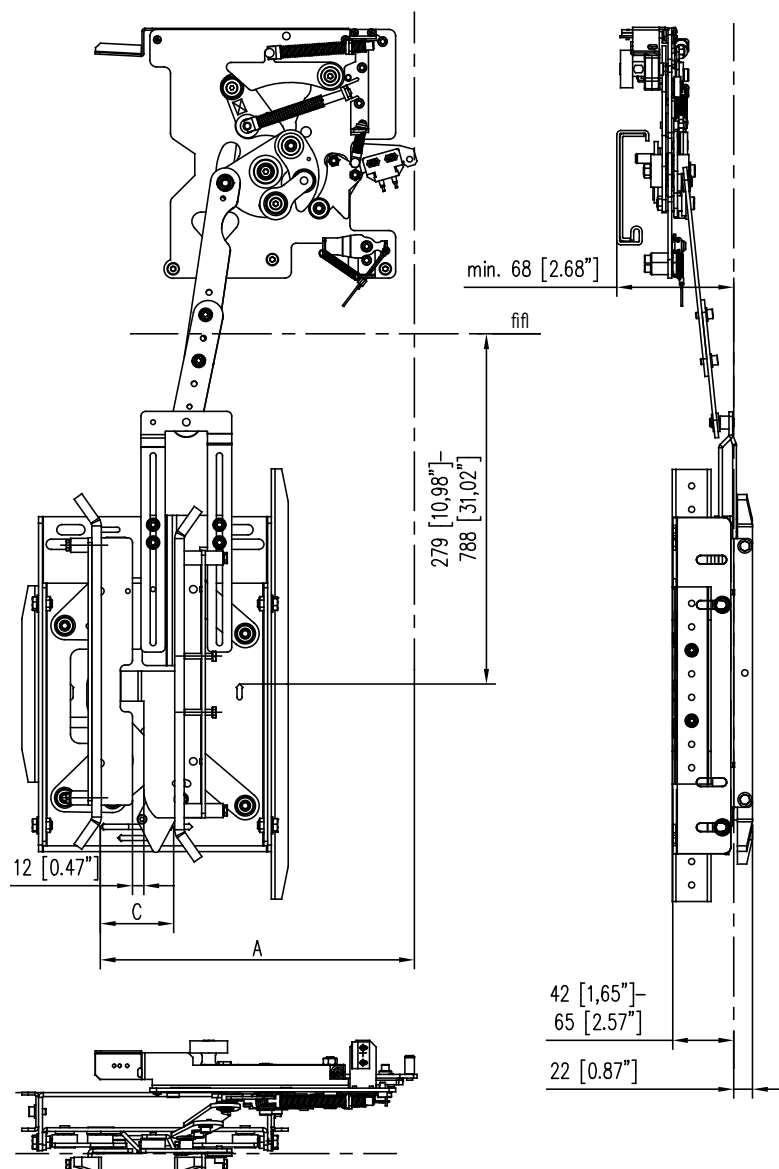
## Automatic Doors SGV NA

Car door operator / Landing mechanism

Code TC.2.005255.EN  
Version B  
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### 3.3 Car door interlock MAC/GAL/DOVER - standard

	car door lock
order code	WGDM51E



	A	C	CH mod+/-
GAL - 02L - NA	316 [12.4"]	78,5 [3,1"]	362 [14,2"] - 565 [22,2"]
DOV	289 (281) [11,4"]	41 [1,6"]	394 [15,5"] - 699 [27,5"]
MAC	316 [12,4"] / 326 [12,8"] / 336 [13,2"]	98,5 [3,9"]	279 [11"] - 788 [31"]

# TECHNICAL CATALOGUE

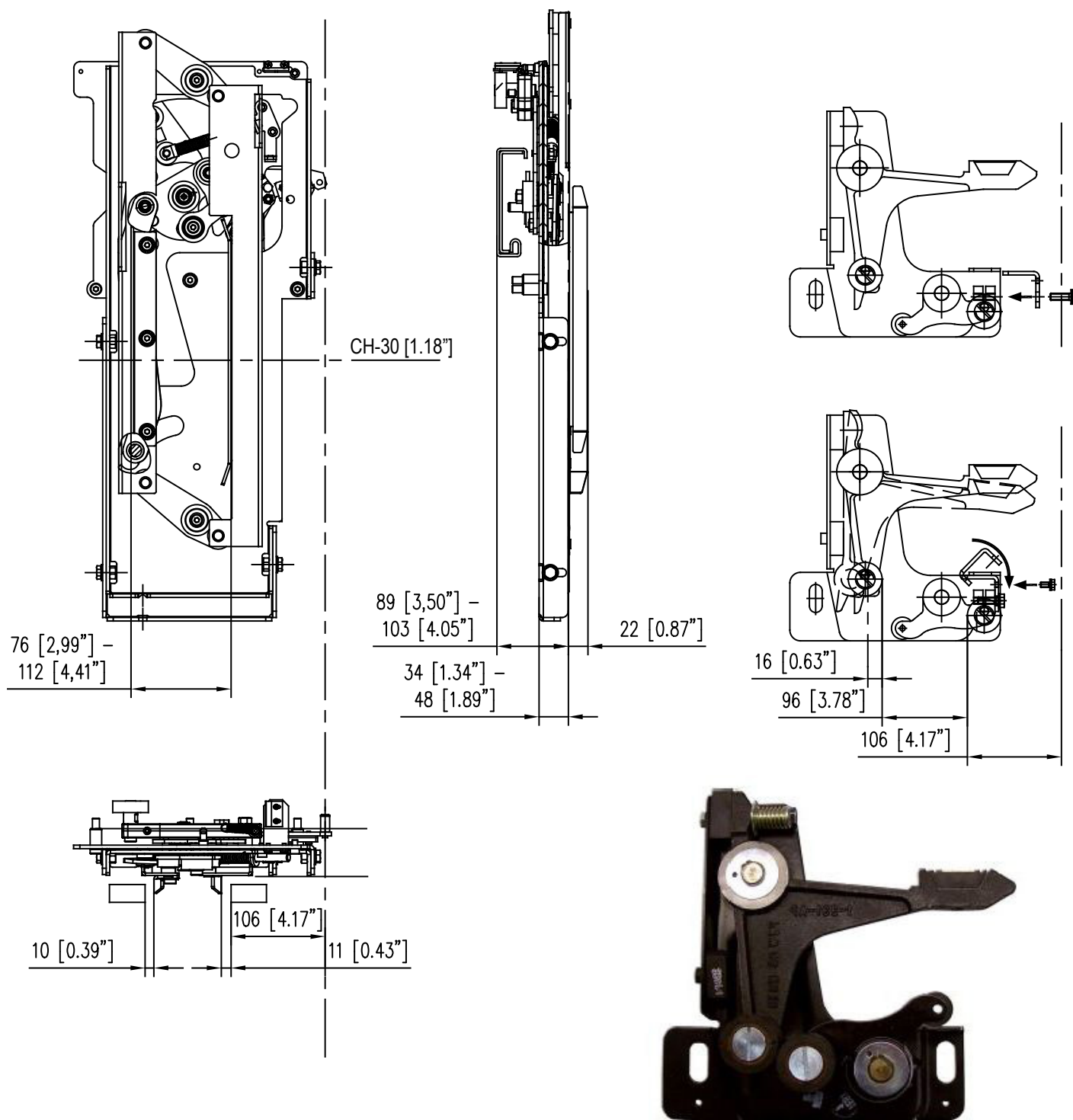
## Automatic Doors SGV NA

Car door operator / Landing mechanism

Code TC.2.005255.EN  
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### 3.4 Car door interlock OTIS (Lock 6940)

order code	order code
	WOTS55E



# TECHNICAL CATALOGUE

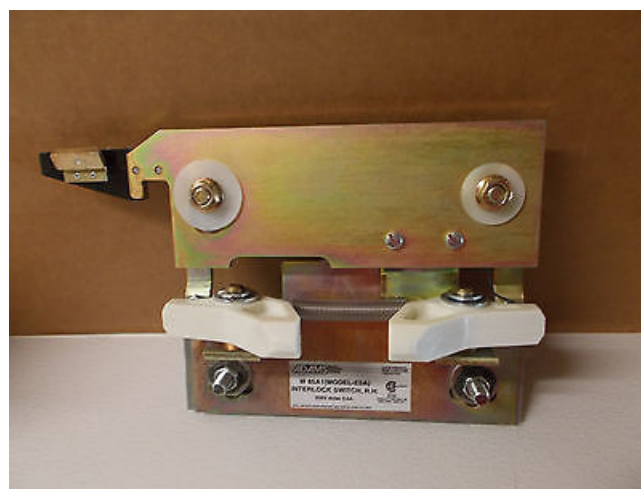
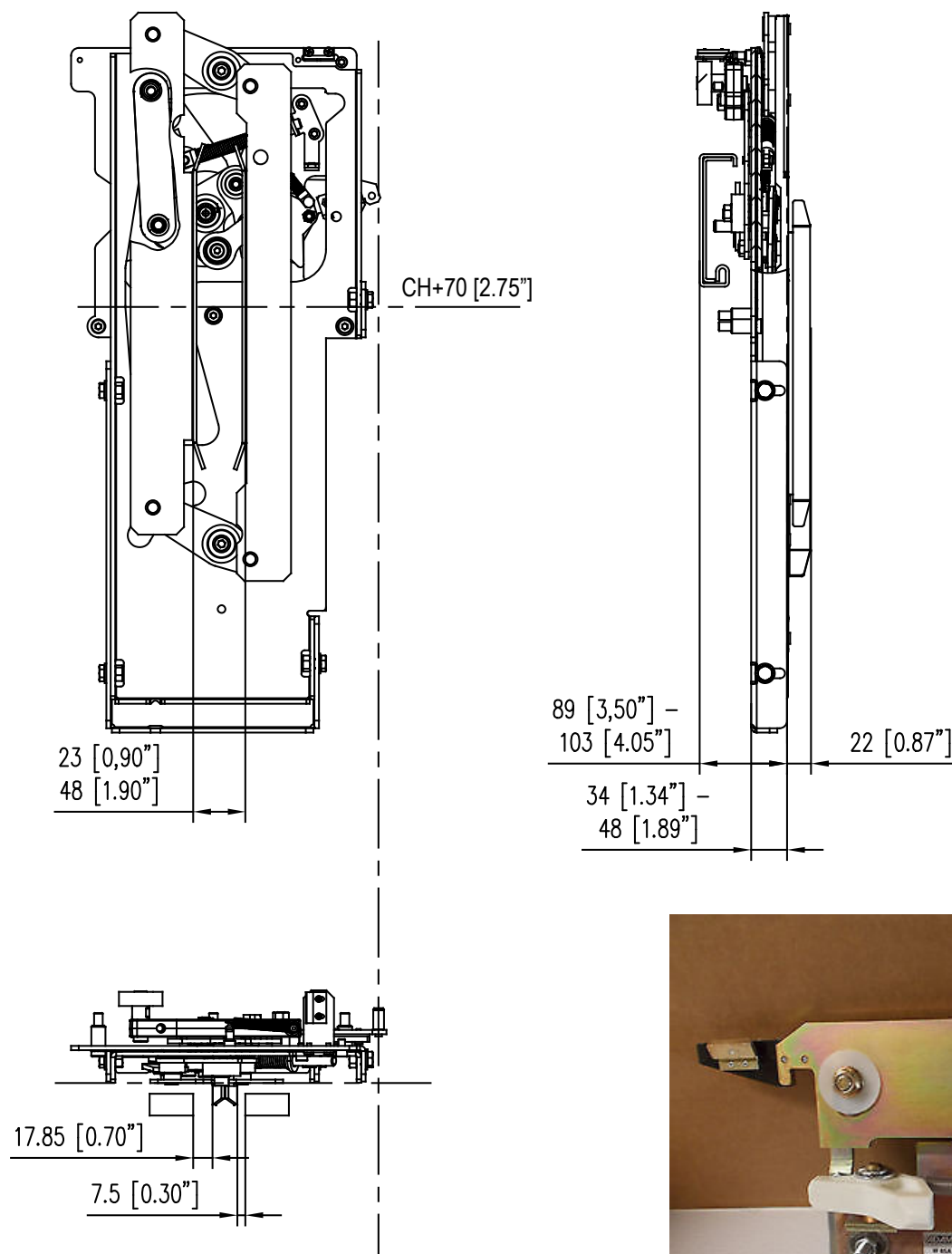
## Automatic Doors SGV NA

Car door operator / Landing mechanism

Code TC.2.005255.EN  
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### 3.5 Car door interlock WESTINGHOUSE E5A

	car door lock
order code	WWH51E



# TECHNICAL CATALOGUE

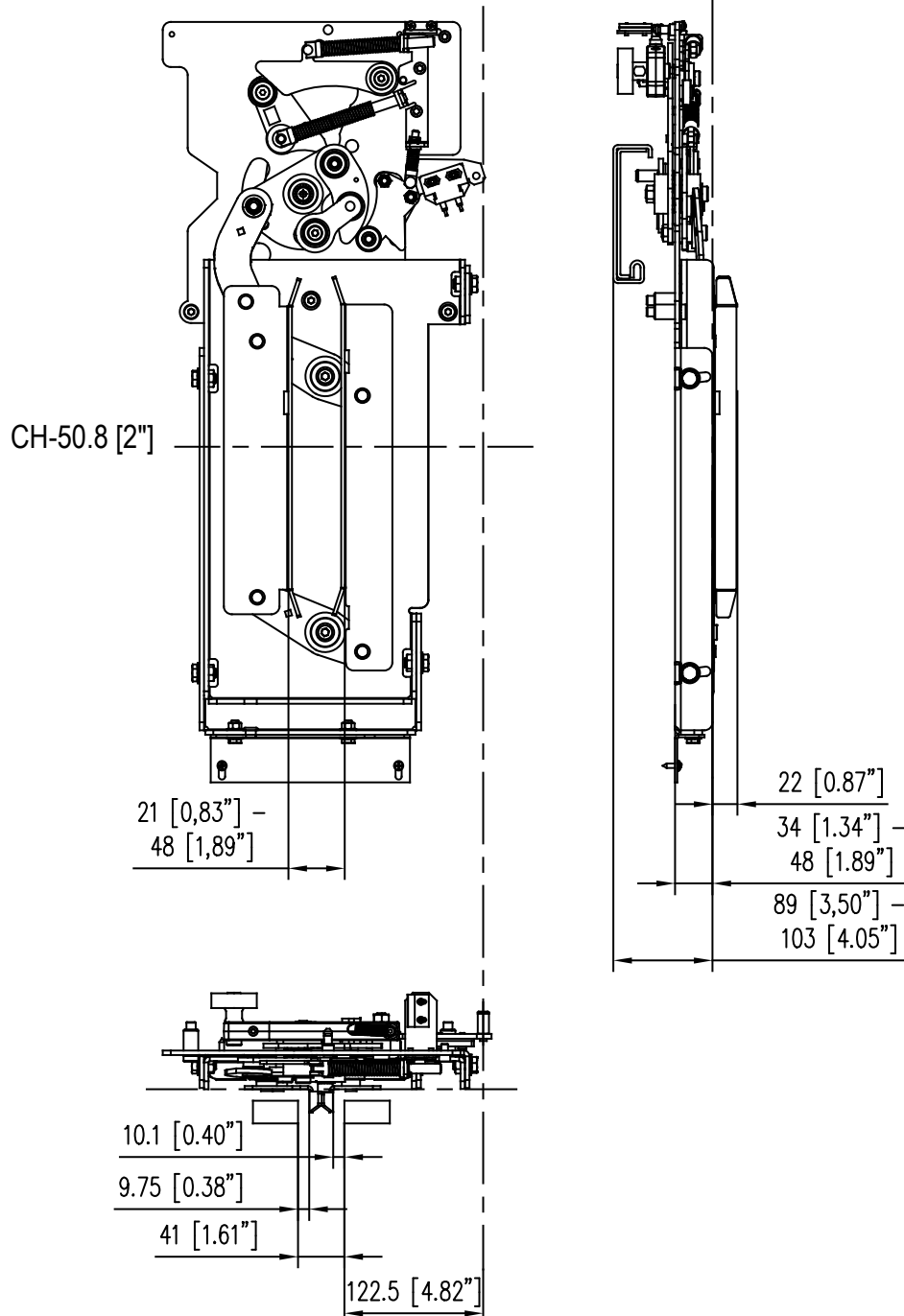
## Automatic Doors SGV NA

Car door operator / Landing mechanism

Code TC.2.005255.EN  
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### 3.6 Car door interlock WESTINGHOUSE E5A

	car door lock
order code	WWH52E





# TECHNICAL CATALOGUE

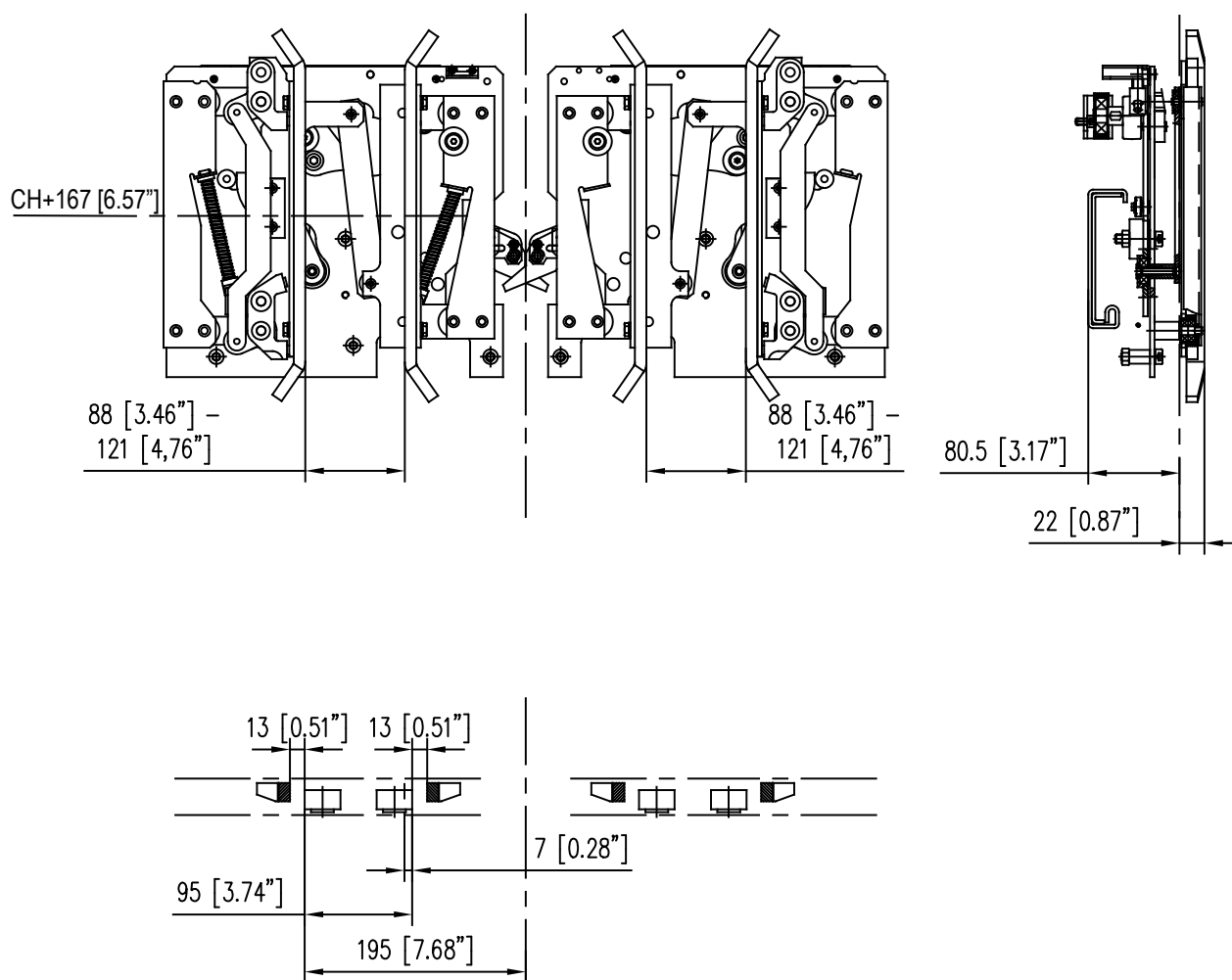
## Automatic Doors SGV NA

Car door operator / Landing mechanism

Code TC.2.005255.EN  
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### 3.7 Dual car door interlock AMD - hanger mounted

	car door lock
order code	WAMD01E



# TECHNICAL CATALOGUE

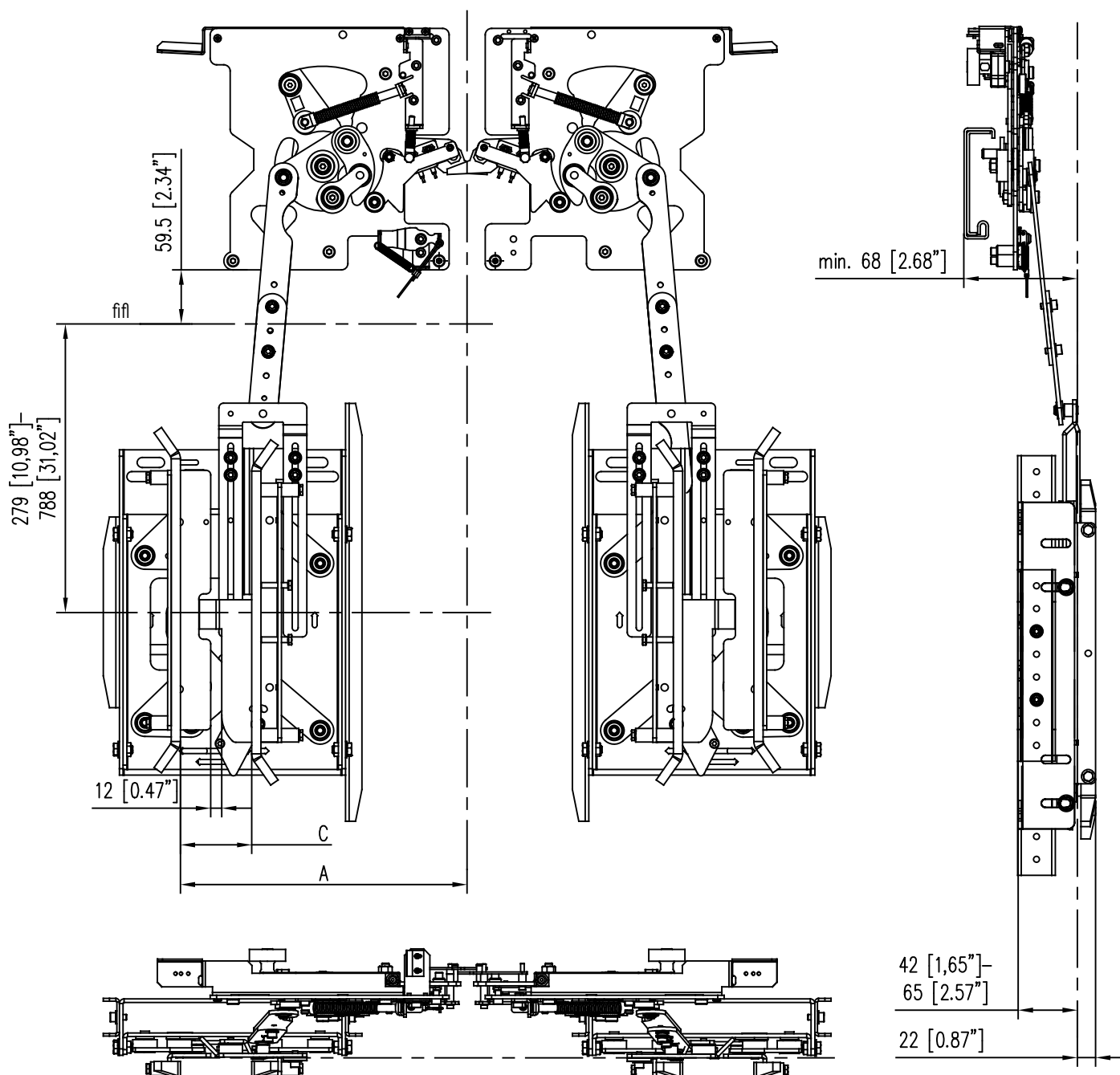
## Automatic Doors SGV NA

Car door operator / Landing mechanism

Code TC.2.005255.EN  
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### 3.8 Dual car door interlock AMD - panel mounted

	car door lock
order code	WGMD51L



	A	C	CH mod+/-
GAL - 02L - NA	316 [12,4"]	78,5 [3,1"]	362 [14,2"] - 565 [22,2"]
DOV	289 (281) [11,4"]	41 [1,6"]	394 [15,5"] - 699 [27,5"]
MAC	316 [12,4"] / 326 [12,8"] / 336 [13,2"]	98,5 [3,9"]	279 [11"] - 788 [31"]

# TECHNICAL CATALOGUE

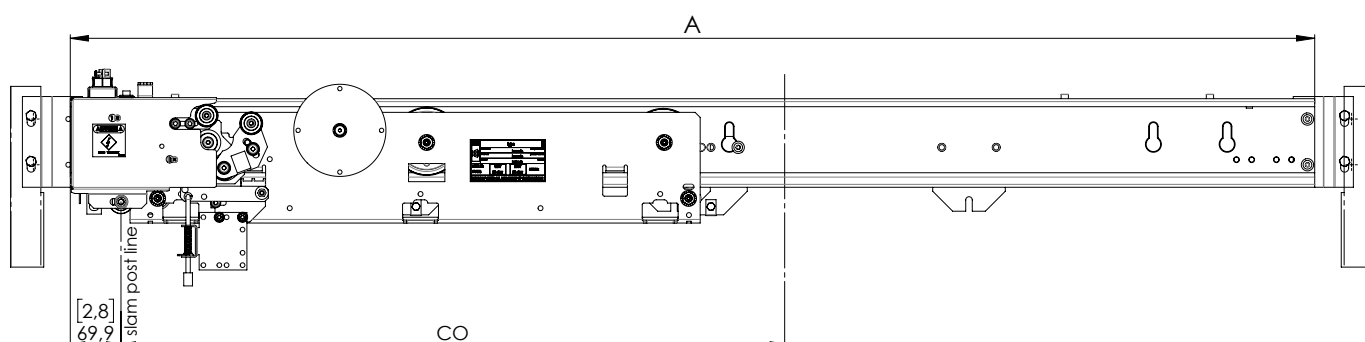
## Automatic Doors SGV NA

Code TC.2.005255.EN  
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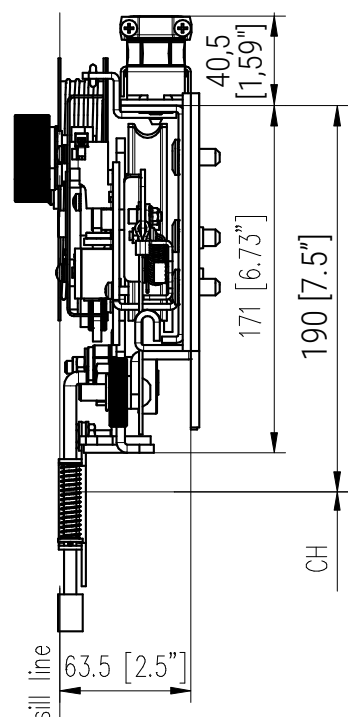
Car door operator / Landing mechanism

### 4 LANDING MECHANISM SGVNA

#### 4.1 One panel side opening 1S L/R



CO		A		Weight* [lbs]	
[inch]	[mm]	[inch]	[mm]	SGV6 = Midi R6	SGV2 = Supra R2
32	812,8	67,5	1714,5	25,24	37,24
33	838,2	69,5	1765,3	26	38
34	863,6	71,5	1816,1	26,82	38,82
35	889	73,5	1866,9	28,7	40,7
36	914,4	75,5	1917,7	30,59	42,59
37	939,8	77,5	1968,5	32,5	44,5
38	965,2	79,5	2019,3	34,37	46,37
39	990,6	81,5	2070,1	36,825	48,825
40	1016	83,5	2120,9	39,28	51,28
41	1041,4	85,5	2171,7	41,735	53,735
42	1066,8	87,5	2222,5	44,13	56,13
43	1092,2	89,5	2273,3	46,63	58,63
44	1117,6	91,5	2324,1	49,13	61,13
45	1143	93,5	2374,9	51,63	63,63
46	1168,4	95,5	2425,7	54,13	66,13
47	1193,8	97,5	2476,5	56,63	68,63
48	1219,2	99,5	2527,3	59,13	71,13



\* Weight= Weight of a new install mechanism; no modernization components like brackets or panel adapters included

# TECHNICAL CATALOGUE

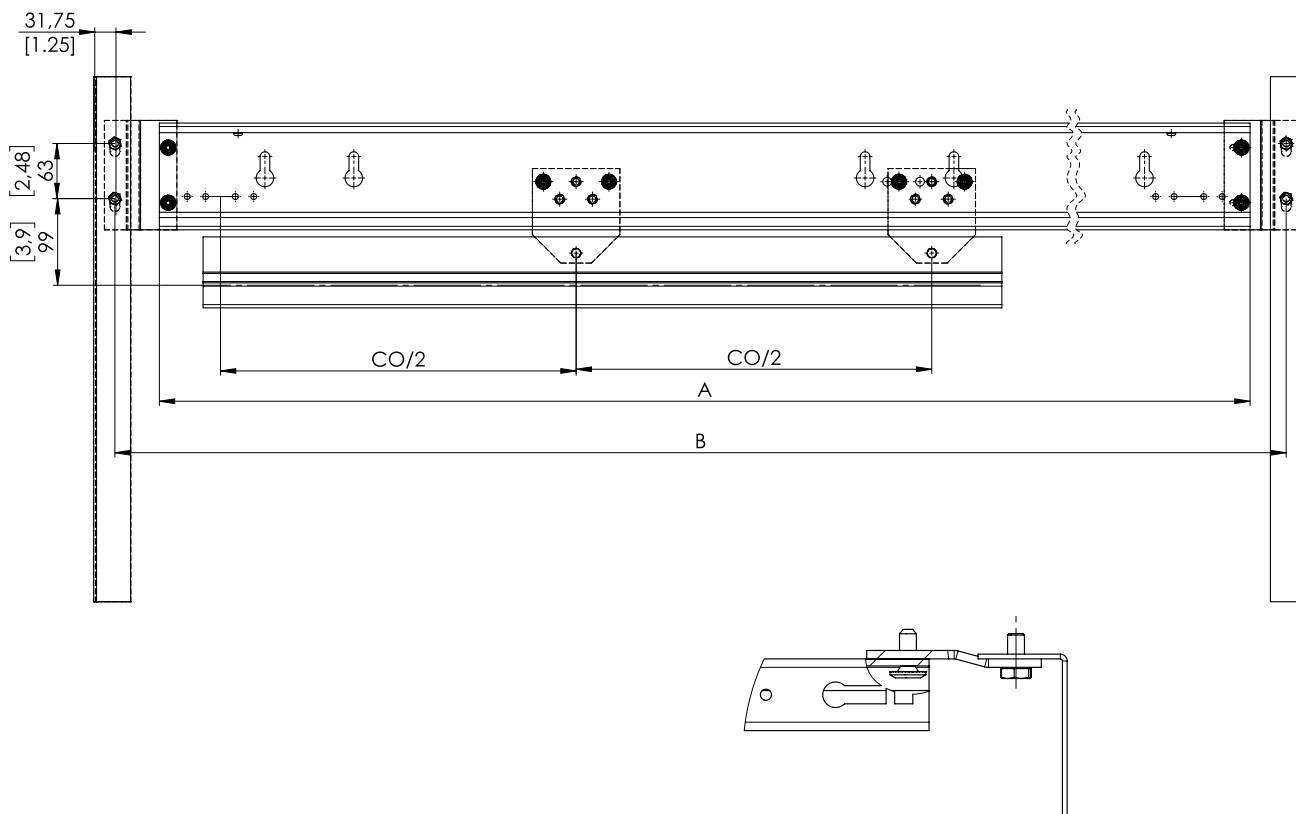
## Automatic Doors SGV NA

Car door operator / Landing mechanism

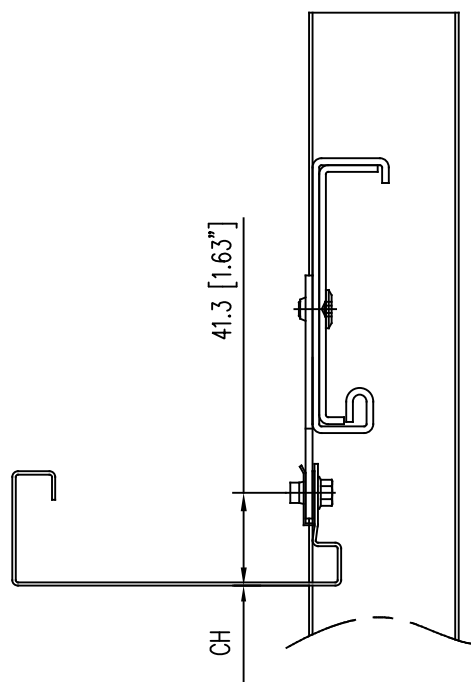
### 4.1.1 Landing mechanism fixing SGVNA

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	PE4 fixation
order code	WAMD01



CO		A		B	
[inch]	[mm]	[inch]	[mm]	[inch]	[mm]
32.0	812.8	67.5	1714.5	71.5	1816.1
33.0	838.2	69.5	1765.3	73.5	1866.9
34.0	863.6	71.5	1816.1	75.5	1917.7
35.0	889.0	73.5	1866.9	77.5	1968.5
36.0	914.4	75.5	1917.7	79.5	2019.3
37.0	939.8	77.5	1968.5	81.5	2070.1
38.0	965.2	79.5	2019.3	83.5	2120.9
39.0	990.6	81.5	2070.1	85.5	2171.7
40.0	1016.0	83.5	2120.9	87.5	2222.5
41.0	1041.4	85.5	2171.7	89.5	2273.3
42.0	1066.8	87.5	2222.5	91.5	2324.1
43.0	1092.2	89.5	2273.3	93.5	2374.9
44.0	1117.6	91.5	2324.1	95.5	2425.7
45.0	1143.0	93.5	2374.9	97.5	2476.5
46.0	1168.4	95.5	2425.7	99.5	2527.3
47.0	1193.8	97.5	2476.5	101.5	2578.1
48.0	1219.2	99.5	2527.3	103.5	2628.9



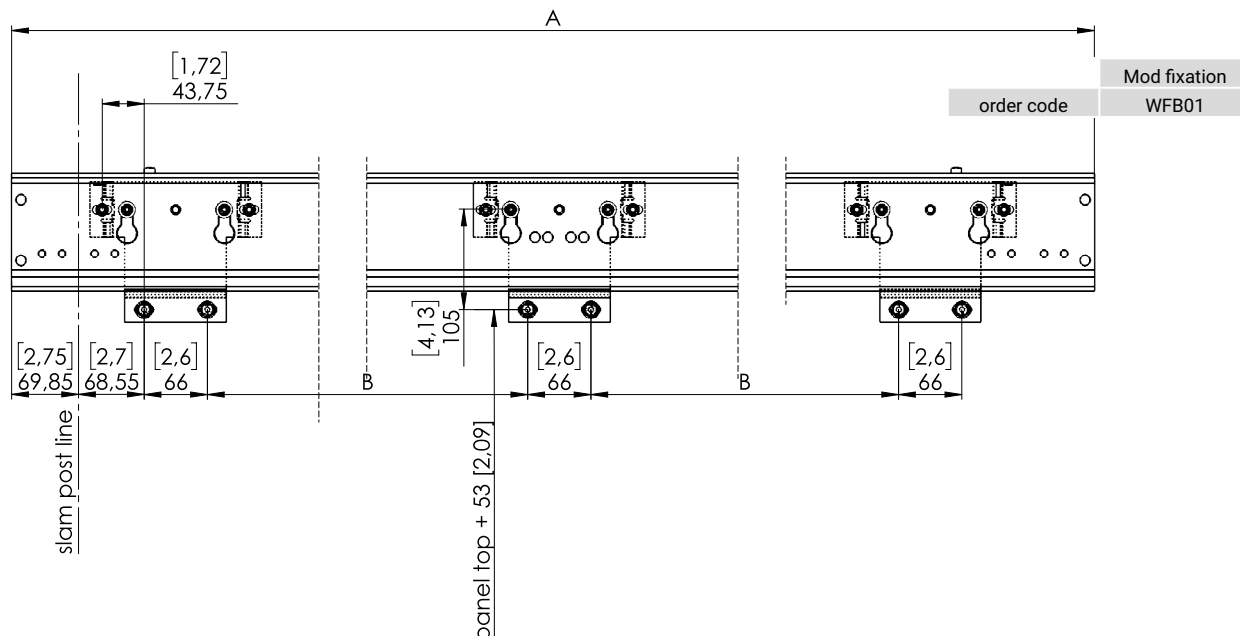
# TECHNICAL CATALOGUE

## Automatic Doors SGV NA

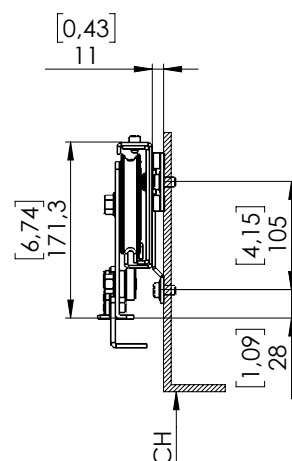
Car door operator / Landing mechanism

### 4.1.2 Landing mechanism fixing SGVNA

Code TC.2.005255.EN  
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CO		A		B	
[inch]	[mm]	[inch]	[mm]	[inch]	[mm]
32.0	812.8	67.5	1714.5	619.8	24.4
33.0	838.2	69.5	1765.3	645.4	25.4
34.0	863.6	71.5	1816.1	670.8	26.4
35.0	889.0	73.5	1866.9	696.2	27.4
36.0	914.4	75.5	1917.7	721.6	28.4
37.0	939.8	77.5	1968.5	746.8	29.4
38.0	965.2	79.5	2019.3	772.2	30.4
39.0	990.6	81.5	2070.1	797.6	31.4
40.0	1016.0	83.5	2120.9	823	32.4
41.0	1041.4	85.5	2171.7	848.4	33.4
42.0	1066.8	87.5	2222.5	874	34.4
43.0	1092.2	89.5	2273.3	899.2	35.4
44.0	1117.6	91.5	2324.1	924.6	36.4
45.0	1143.0	93.5	2374.9	950	37.4
46.0	1168.4	95.5	2425.7	975.4	38.4
47.0	1193.8	97.5	2476.5	1000.8	39.4
48.0	1219.2	99.5	2527.3	1026.2	40.4



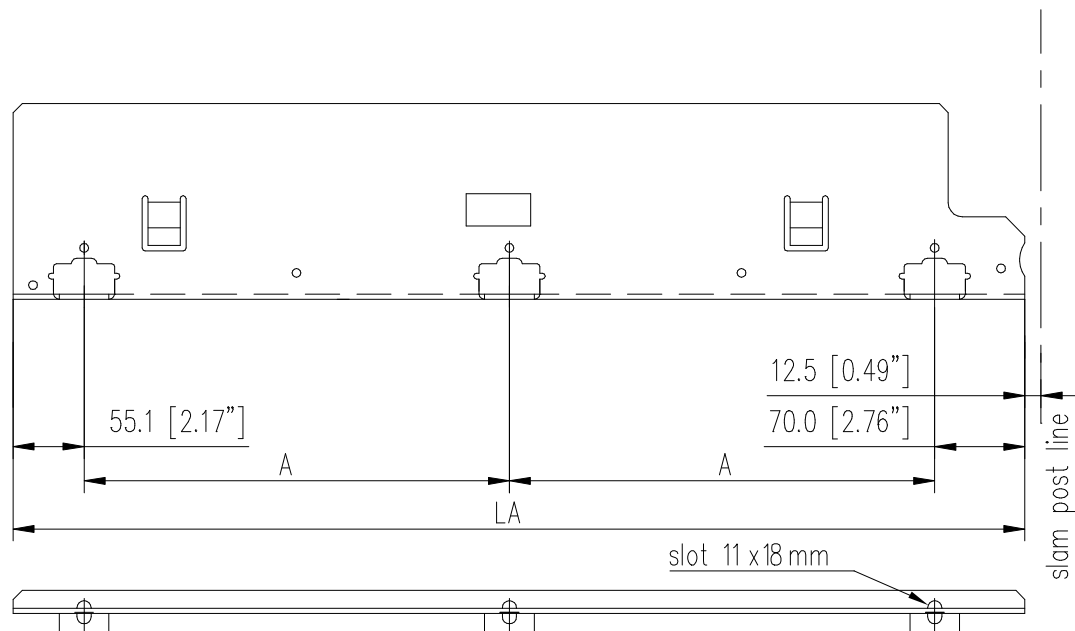
# TECHNICAL CATALOGUE

## Automatic Doors SGV NA

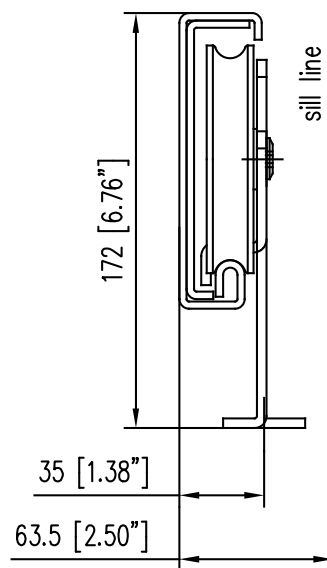
Car door operator / Landing mechanism

Code TC.2.005255.EN  
Version B  
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### 4.1.3 Door interface SGVNA / T-hanger plate



CO		LA		A	
[inch]	[mm]	[inch]	[mm]	[inch]	[mm]
32.0	812.8	30.9	785.5	13.0	330.2
33.0	838.2	31.9	810.9	13.5	342.9
34.0	863.6	32.9	836.3	14.0	355.6
35.0	889.0	33.9	861.7	14.5	368.3
36.0	914.4	34.9	887.1	15.0	381.0
37.0	939.8	35.9	912.5	15.5	393.7
38.0	965.2	36.9	937.9	16.0	406.4
39.0	990.6	37.9	963.3	16.5	419.1
40.0	1016.0	38.9	988.7	17.0	431.8
41.0	1041.4	39.9	1014.1	17.5	444.5
42.0	1066.8	40.9	1039.5	18.0	457.2
43.0	1092.2	41.9	1064.3	18.5	469.9
44.0	1117.6	42.9	1089.7	19.0	482.6
45.0	1143.0	43.9	1115.1	19.5	495.3
46.0	1168.4	44.9	1140.5	20.0	508.0
47.0	1193.8	45.9	1165.9	20.5	520.7
48.0	1219.2	46.9	1191.3	21.0	533.4



# TECHNICAL CATALOGUE

## Automatic Doors SGV NA

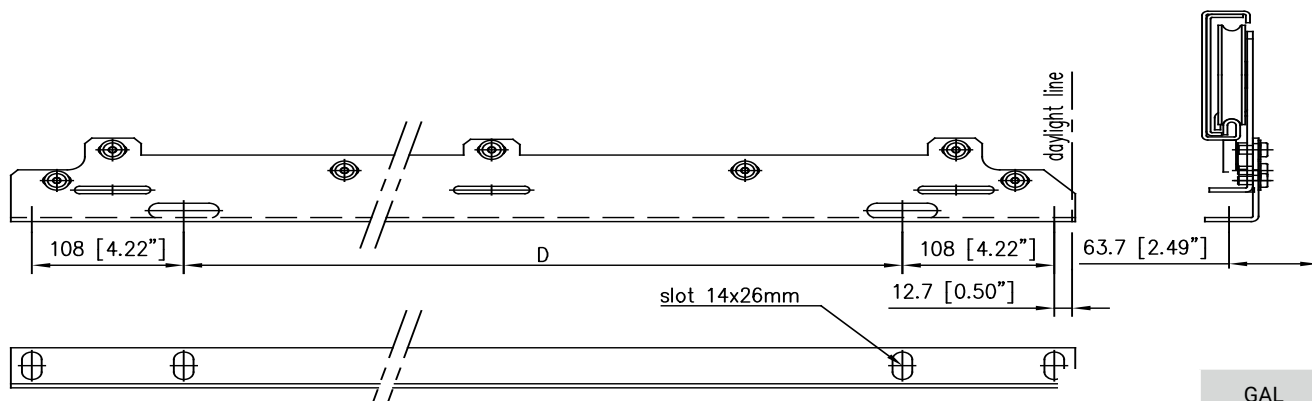
Car door operator / Landing mechanism

Code TC.2.005255.EN  
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Date 27.11.2020  
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### 4.1.4 Panel adapter

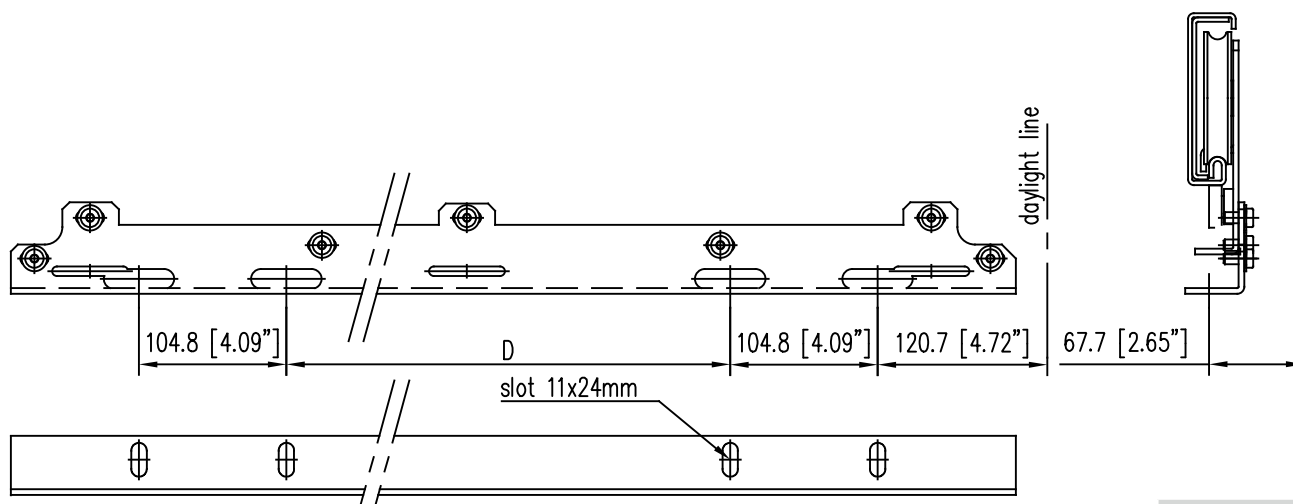
#### 4.1.4.1 MAC

	MAC
order code	WMAC01



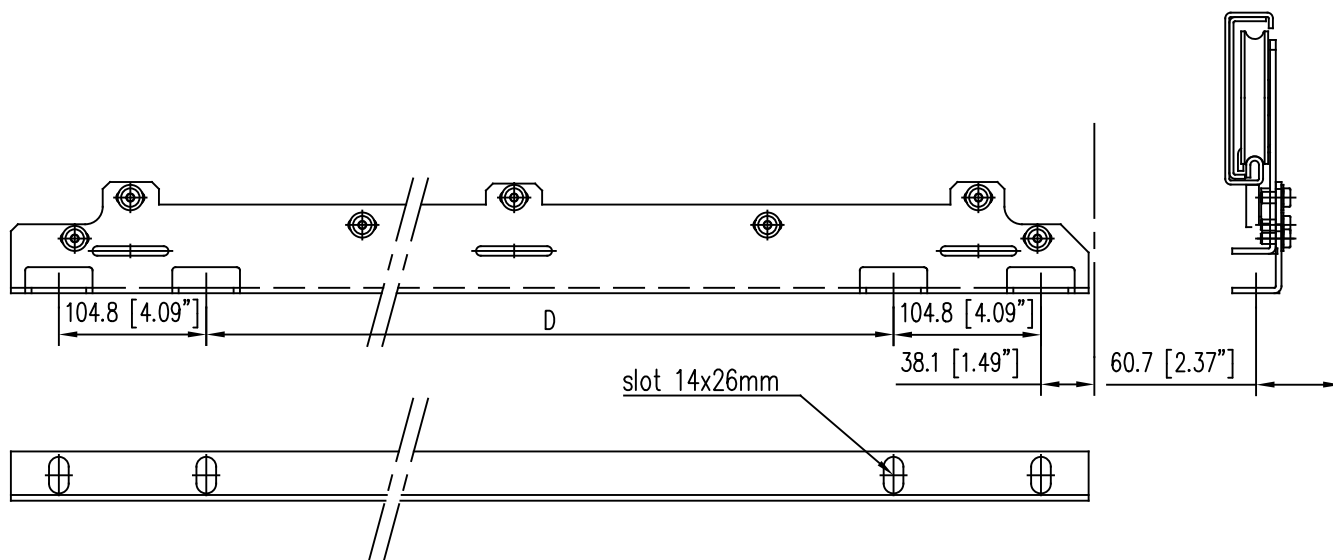
#### 4.1.4.2 GAL

	GAL
order code	WGAL01



#### 4.1.4.3 DOVER

	DOVER
order code	WDOV01



# TECHNICAL CATALOGUE

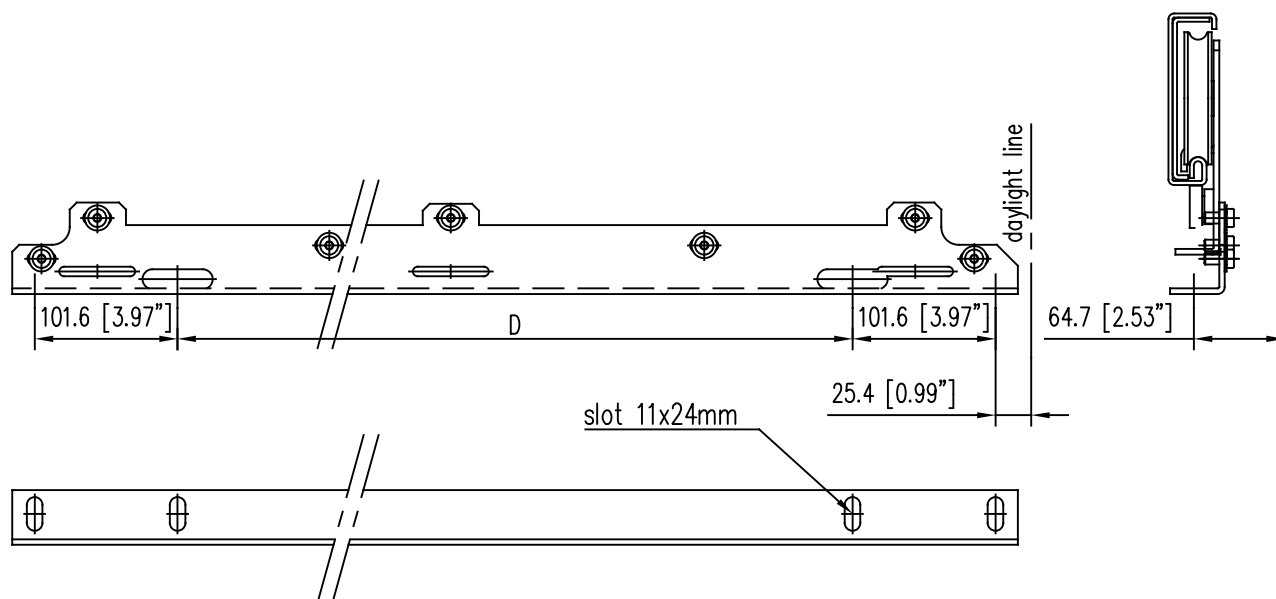
## Automatic Doors SGV NA

Car door operator / Landing mechanism

Code TC.2.005255.EN  
Version B  
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### 4.1.4.4 ARMOR

	ARMOR
order code	WARM01



CO	D							
	MAC		DOVER		GAL		ARMOR	
32.0	571.5 mm	22.5"	546.1 mm	21.5"	377.8 mm	14.875"	558.8 mm	22"
33.0	596.9 mm	23.5"	571.5 mm	22.5"			584.2 mm	23"
34.0	622.3 mm	24.5"	596.9 mm	23.5"	454.0 mm	17.875"	609.6 mm	24"
35.0	647.7 mm	25.5"	622.3 mm	24.5"			635.0 mm	25"
36.0	673.1 mm	26.5"	647.7 mm	25.5"			660.4 mm	26"
37.0	698.5 mm	27.5"	673.1 mm	26.5"	530.2 mm	20.875"	685.8 mm	27"
38.0	723.9 mm	28.5"	698.5 mm	27.5"			711.2 mm	28"
39.0	749.3 mm	29.5"	723.9 mm	28.5"			736.6 mm	29"
40.0	774.7 mm	30.5"	749.3 mm	29.5"	606.4 mm	23.875"	762.0 mm	30"
41.0	800.1 mm	31.5"	774.7 mm	30.5"			787.4 mm	31"
42.0	825.5 mm	32.5"	800.1 mm	31.5"			812.8 mm	32"
43.0	850.9 mm	33.5"	825.5 mm	32.5"	682.6 mm	26.875"	838.2 mm	33.0"
44.0	876.3 mm	34.5"	850.9 mm	33.5"			863.6 mm	34.0"
45.0	901.7 mm	35.5"	876.3 mm	34.5"			889.0 mm	35.0"
46.0	927.1 mm	36.5"	901.7 mm	35.5"	758.8 mm	29.875"	914.1 mm	36.0"
47.0	952.5 mm	37.5"	927.1 mm	36.5"			939.8 mm	37.0"
48.0	977.9 mm	38.5"	952.5 mm	37.5"			965.2 mm	38.0"



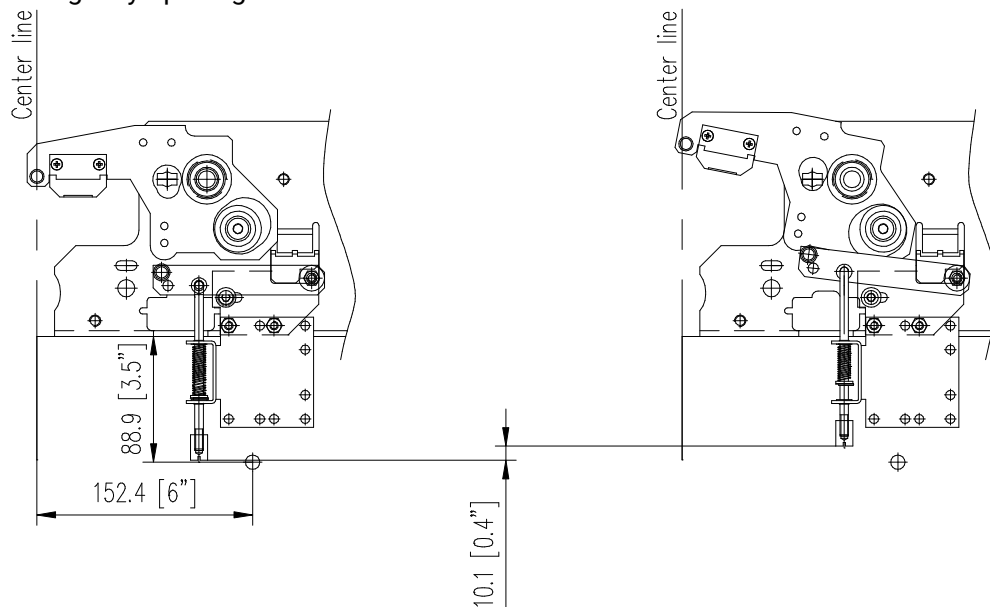
# TECHNICAL CATALOGUE

## Automatic Doors SGV NA

Car door operator / Landing mechanism

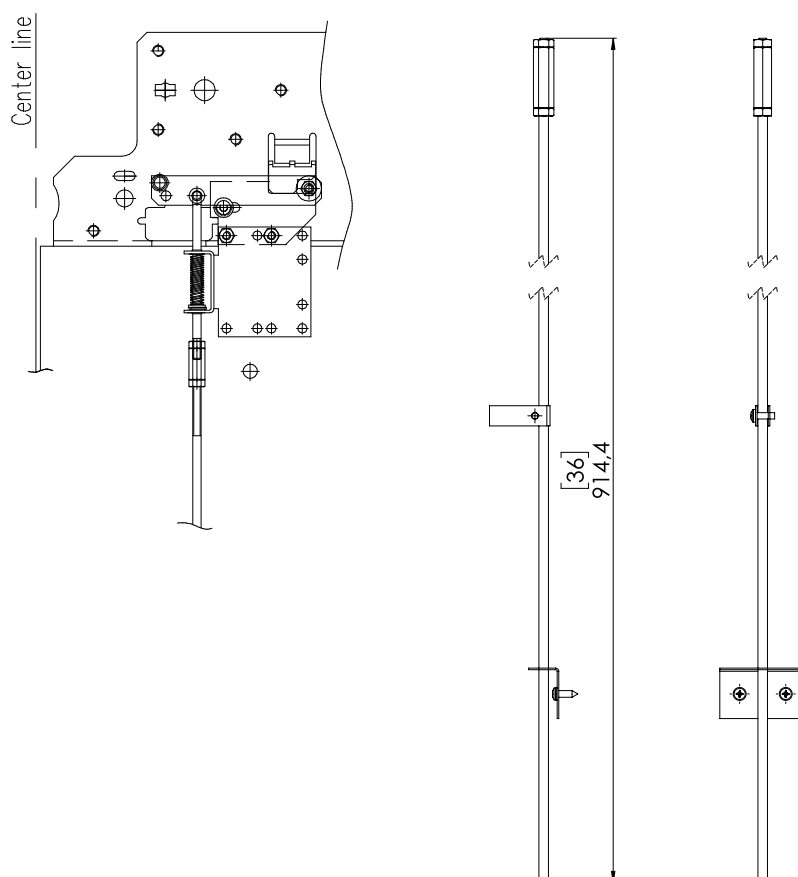
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### 4.1.5 Emergency opening device



order code	standard
	WSTD

### 4.1.6 Extension kit for emergency opening device



order code	standard
	WEXT

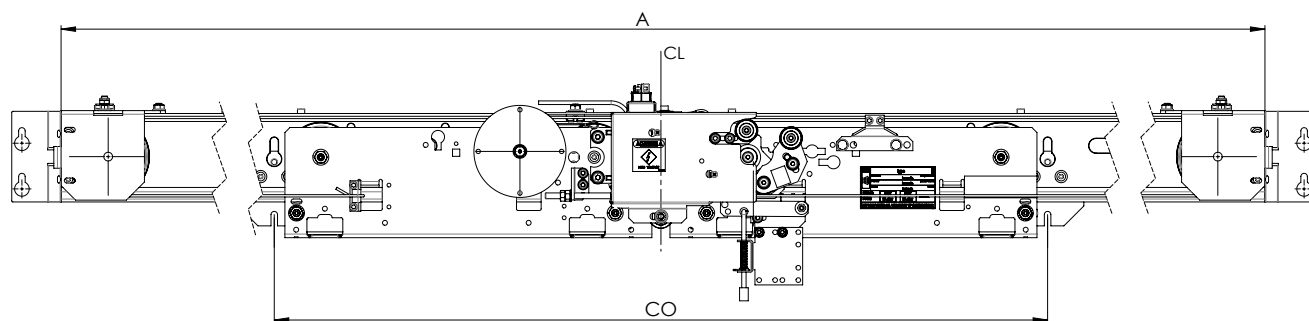
# TECHNICAL CATALOGUE

## Automatic Doors SGV NA

Car door operator / Landing mechanism

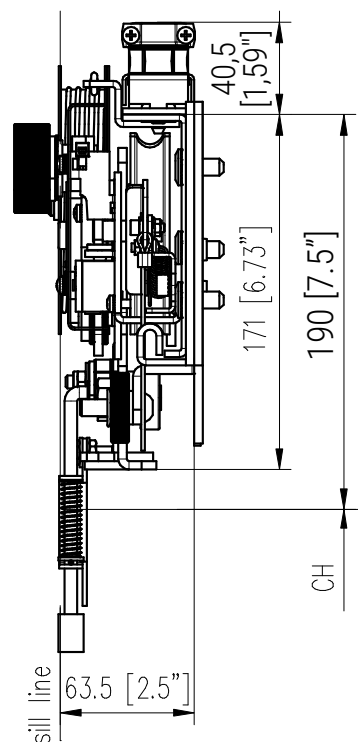
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### 4.2 Two panel center opening 2C



CO		A		Weight* [lbs]	
[inch]	[mm]	[inch]	[mm]	SGV6 = Midi R6	SGV2 = Supra R2
36,0	914,4	72,0	1828,8	23,9	35,9
37,0	939,8	74,0	1879,6	25,2	37,2
38,0	965,2	76,0	1930,4	26,5	38,5
39,0	990,6	78,0	1981,2	27,9	39,9
40,0	1016,0	80,0	2032,0	29,2	41,2
41,0	1041,4	82,0	2082,8	32,0	44,0
42,0	1066,8	84,0	2133,6	34,7	46,7
43,0	1092,2	86,0	2184,4	37,4	49,4
44,0	1117,6	88,0	2235,2	40,1	52,1
45,0	1143,0	90,0	2286,0	42,9	54,9
46,0	1168,4	92,0	2336,8	45,6	57,6
47,0	1193,8	94,0	2387,6	48,3	60,3
48,0	1219,2	96,0	2438,4	51,0	63,0
49,0	1244,6	98,0	2489,2	53,7	65,7
50,0	1270,0	100,0	2540,0	52,0	64,0
51,0	1295,4	102,0	2590,8	54,7	66,7
52,0	1320,8	104,0	2641,6	53,0	65,0
53,0	1346,2	106,0	2692,4	55,7	67,7
54,0	1371,6	108,0	2743,2	54,0	66,0
55,0	1397,0	110,0	2794,0	56,7	68,7
56,0	1422,4	112,0	2844,8	55,0	67,0
57,0	1447,8	114,0	2895,6	57,7	69,7
58,0	1473,2	116,0	2946,4	56,0	68,0
59,0	1498,6	118,0	2997,2	58,7	70,7
60,0	1524,0	120,0	3048,0	57,0	69,0

\* Weight= Weight of a new install mechanism; no modernization components like brackets or panel adapters included



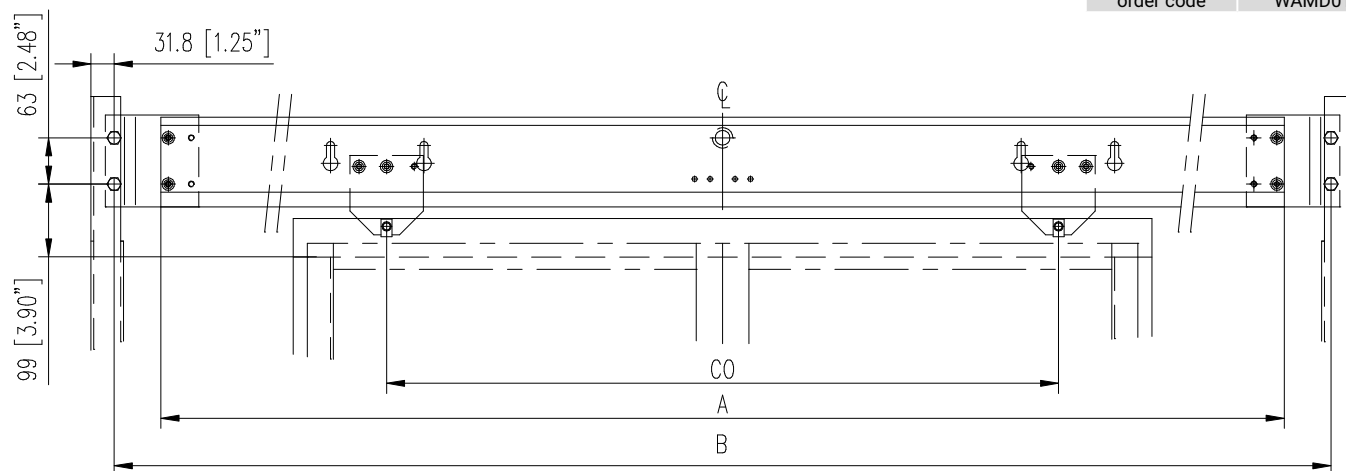
# TECHNICAL CATALOGUE

## Automatic Doors SGV NA

Car door operator / Landing mechanism

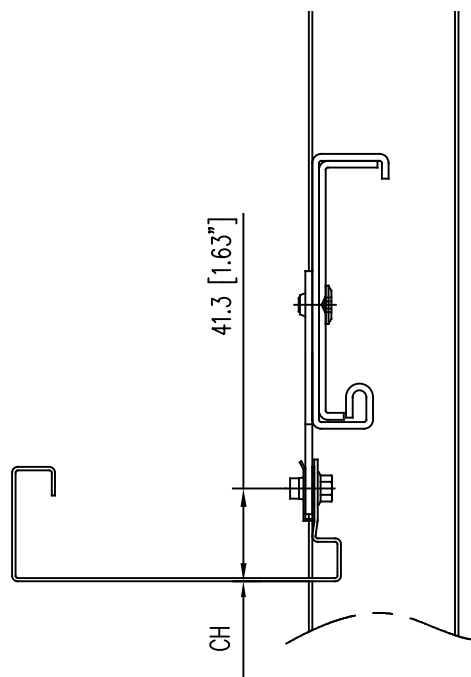
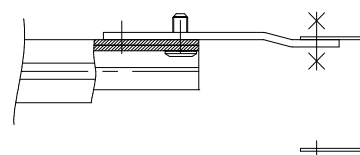
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### 4.2.1 Landing mechanism fixing SGVNA



	PE4 fixation
order code	WAMD01

CO		A		B	
[inch]	[mm]	[inch]	[mm]	[inch]	[mm]
36.0	914.4	72.0	1828.8	79.5	2019.3
37.0	939.8	74.0	1879.6	81.5	2070.1
38.0	965.2	76.0	1930.4	83.5	2120.9
39.0	990.6	78.0	1981.2	85.5	2171.7
40.0	1016.0	80.0	2032.0	87.5	2222.5
41.0	1041.4	82.0	2082.8	89.5	2273.3
42.0	1066.8	84.0	2133.6	91.5	2324.1
43.0	1092.2	86.0	2184.4	93.5	2374.9
44.0	1117.6	88.0	2235.2	95.5	2425.7
45.0	1143.0	90.0	2286.0	97.5	2476.5
46.0	1168.4	92.0	2336.8	99.5	2527.3
47.0	1193.8	94.0	2387.6	101.5	2578.1
48.0	1219.2	96.0	2438.4	103.5	2628.9
49.0	1244.6	98.0	2489.2	105.5	2679.7
50.0	1270.0	100.0	2540.0	107.5	2730.5
51.0	1295.4	102.0	2590.8	109.5	2781.3
52.0	1320.8	104.0	2641.6	111.5	2832.1
53.0	1346.2	106.0	2692.4	113.5	2882.9
54.0	1371.6	108.0	2743.2	115.5	2933.7
55.0	1397.0	110.0	2794.0	117.5	2984.5
56.0	1422.4	112.0	2844.8	119.5	3035.3
57.0	1447.8	114.0	2895.6	121.5	3086.1
58.0	1473.2	116.0	2946.4	123.5	3136.9
59.0	1498.6	118.0	2997.2	125.5	3187.7
60.0	1524.0	120.0	3048.0	127.5	3238.5



# TECHNICAL CATALOGUE

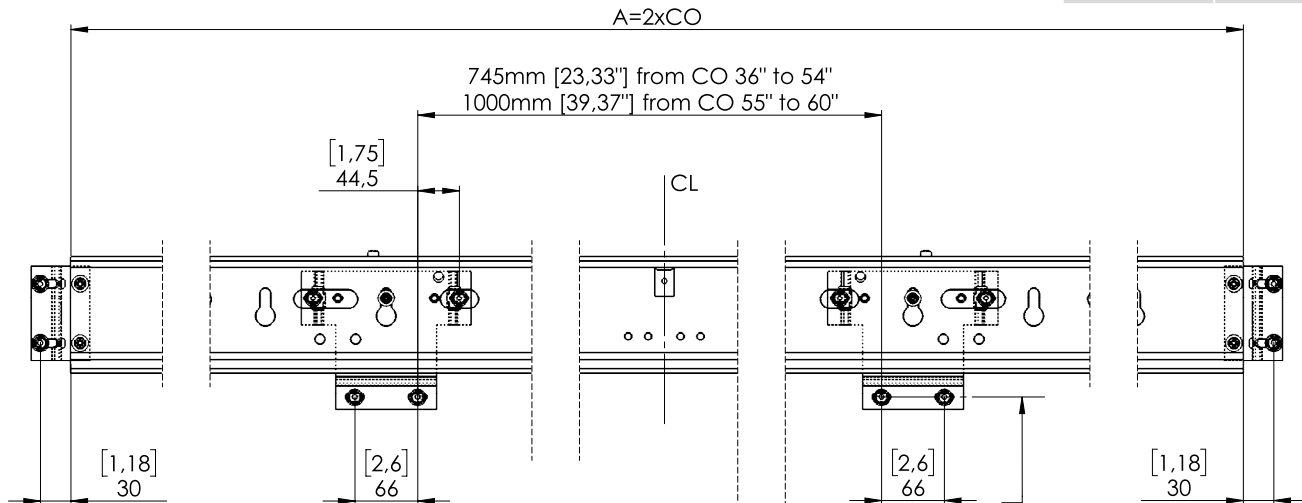
## Automatic Doors SGV NA

Car door operator / Landing mechanism

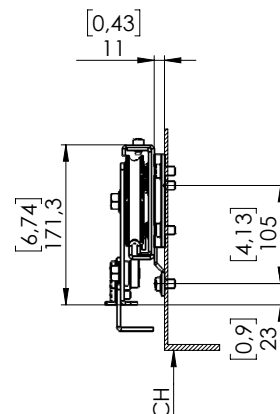
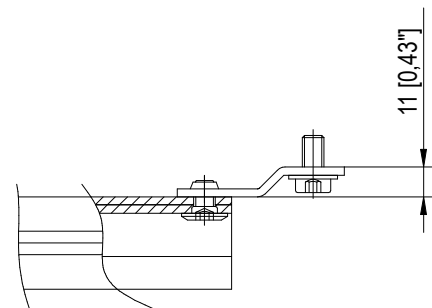
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### 4.2.2 Landing mechanism fixing SGVNA

order code	Mod fixation
	WFB01



CO		A	
[inch]	[mm]	[inch]	[mm]
36.0	914.4	72.0	1828.8
37.0	939.8	74.0	1879.6
38.0	965.2	76.0	1930.4
39.0	990.6	78.0	1981.2
40.0	1016.0	80.0	2032.0
41.0	1041.4	82.0	2082.8
42.0	1066.8	84.0	2133.6
43.0	1092.2	86.0	2184.4
44.0	1117.6	88.0	2235.2
45.0	1143.0	90.0	2286.0
46.0	1168.4	92.0	2336.8
47.0	1193.8	94.0	2387.6
48.0	1219.2	96.0	2438.4
49.0	1244.6	98.0	2489.2
50.0	1270.0	100.0	2540.0
51.0	1295.4	102.0	2590.8
52.0	1320.8	104.0	2641.6
53.0	1346.2	106.0	2692.4
54.0	1371.6	108.0	2743.2
55.0	1397.0	110.0	2794.0
56.0	1422.4	112.0	2844.8
57.0	1447.8	114.0	2895.6
58.0	1473.2	116.0	2946.4
59.0	1498.6	118.0	2997.2
60.0	1524.0	120.0	3048.0



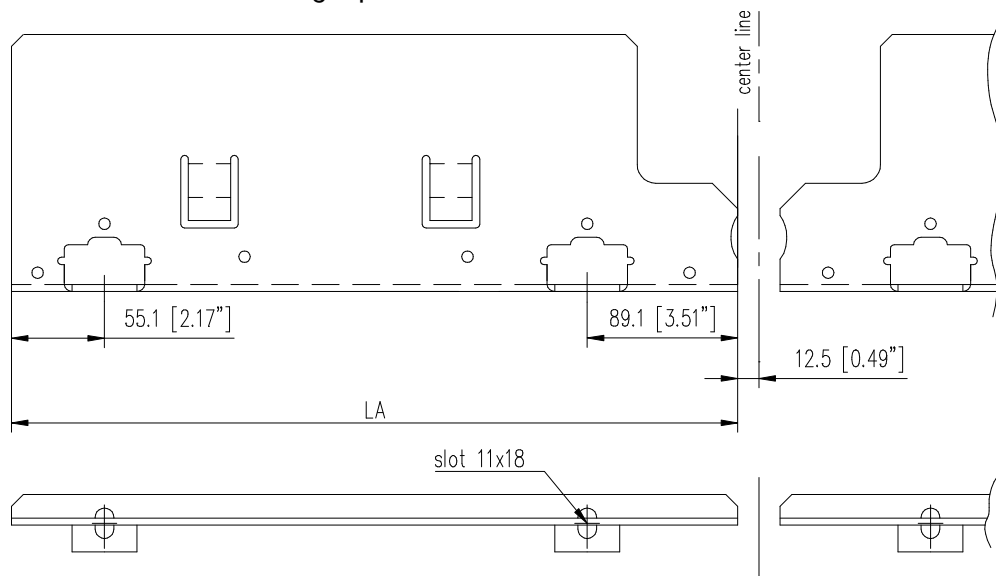
# TECHNICAL CATALOGUE

## Automatic Doors SGV NA

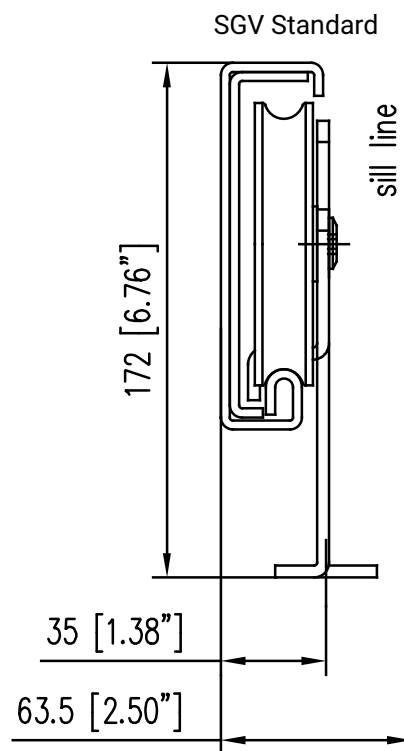
Car door operator / Landing mechanism

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### 4.2.3 Door interface SGVNA / T-hanger plate



CO		LA	
[inch]	[mm]	[inch]	[mm]
36.0	914.4	16.93	430.0
37.0	939.8	17.43	442.7
38.0	965.2	17.93	455.4
39.0	990.6	18.43	468.1
40.0	1016.0	18.93	480.8
41.0	1041.4	19.43	493.5
42.0	1066.8	19.93	506.2
43.0	1092.2	20.43	518.9
44.0	1117.6	20.93	531.6
45.0	1143.0	21.43	544.3
46.0	1168.4	21.93	557
47.0	1193.8	22.43	569.7
48.0	1219.2	22.93	582.4
49.0	1244.6	23.43	595.1
50.0	1270.0	23.93	607.8
51.0	1295.4	24.43	620.5
52.0	1320.8	24.93	633.2
53.0	1346.2	25.43	645.9
54.0	1371.6	25.93	658.6
55.0	1397.0	26.43	671.3
56.0	1422.4	26.93	684.0
57.0	1447.8	27.43	696.7
58.0	1473.2	27.93	709.4
59.0	1498.6	28.43	722.1
60.0	1524.0	28.93	734.8



# TECHNICAL CATALOGUE

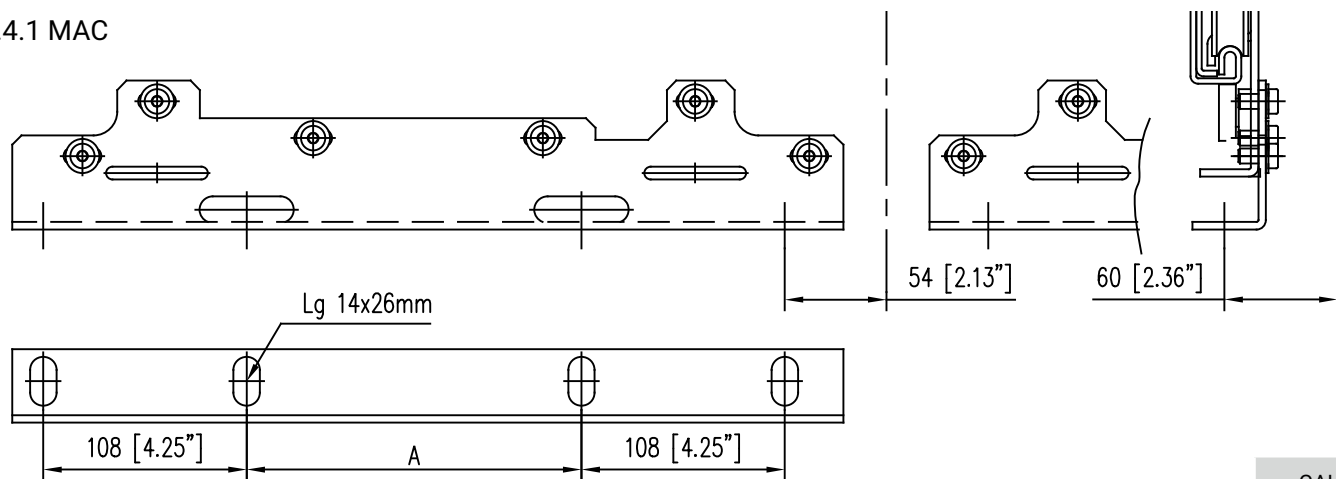
## Automatic Doors SGV NA

Car door operator / Landing mechanism

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### 4.2.4 Panel adapter

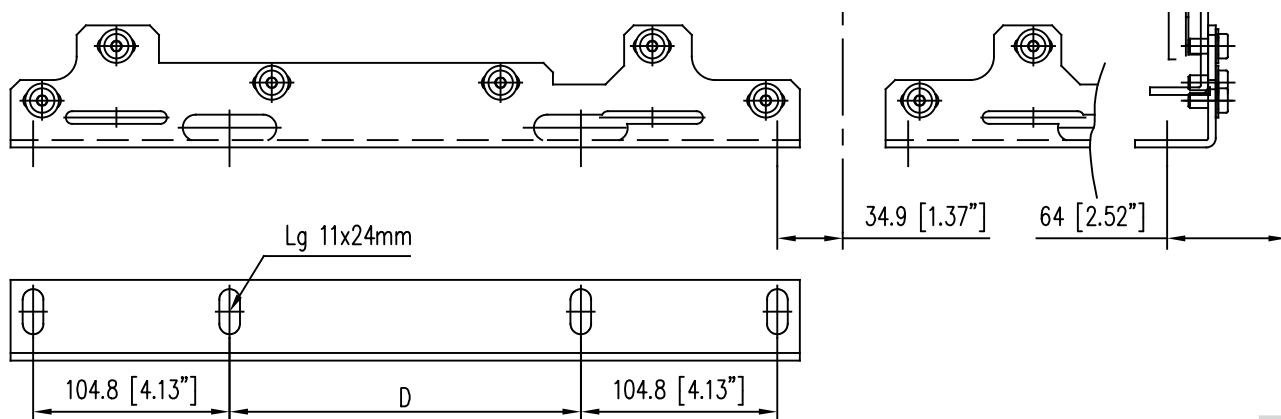
#### 4.2.4.1 MAC



MAC

order code WMAC01

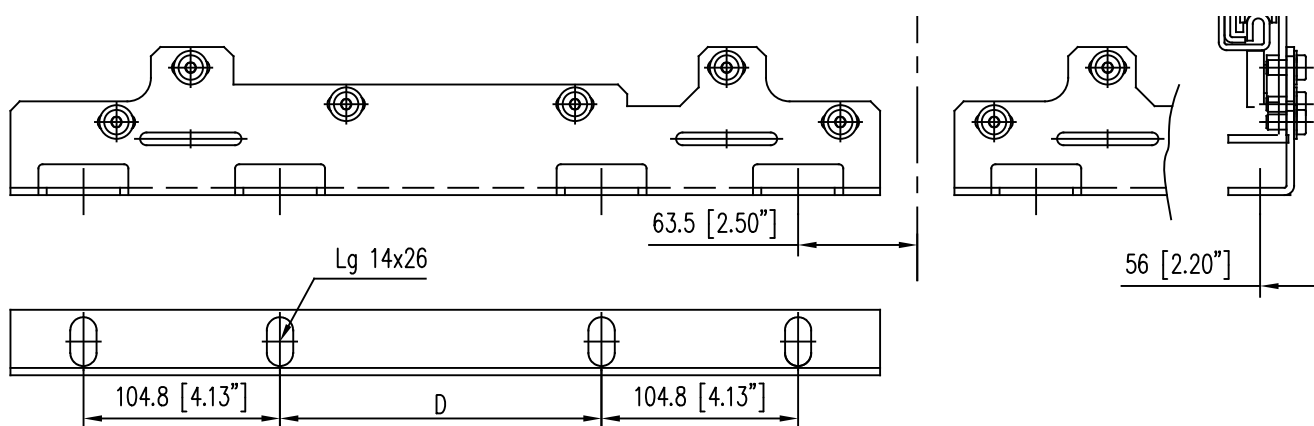
#### 4.2.4.2 GAL



GAL

order code WGAL01

#### 4.2.4.3 DOVER



DOVER

order code WDOV01

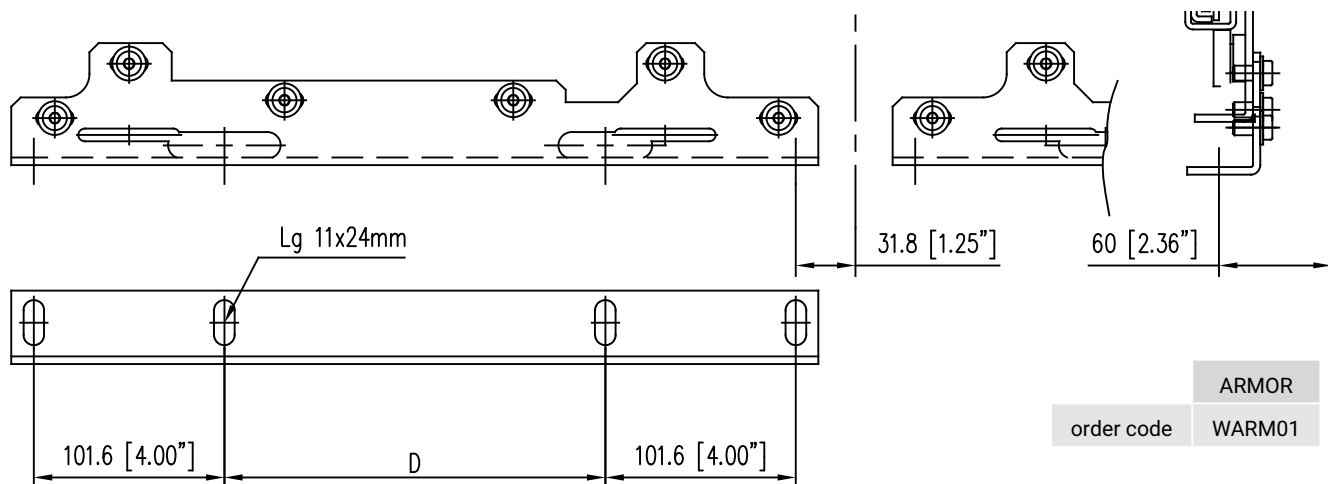
# TECHNICAL CATALOGUE

## Automatic Doors SGV NA

Car door operator / Landing mechanism

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### 4.2.4.4 ARMOR



CO	D							
	MAC		DOVER		GAL		ARMOR	
36.0	177.8 mm	7.0"	171.5 mm	6.752"	187.3 mm	7.375"	203.2 mm	8.0"
37.0	190.5 mm	7.5"		0"			215.9 mm	8.5"
38.0	203.2 mm	8.0"	196.9 mm	7.752"			228.6 mm	9.0"
39.0	215.9 mm	8.5"		0"	225.5 mm	8.875"	241.3 mm	9.5"
40.0	228.6 mm	9.0"	222.3 mm	8.752"			254.0 mm	10.0"
41.0	241.3 mm	9.5"		0"			266.7 mm	10.5"
42.0	254.0 mm	10.0"	247.7 mm	9.752"	263.5 mm	10.375"	279.4 mm	11.0"
43.0	266.7 mm	10.5"		0"			292.1 mm	11.5"
44.0	279.4 mm	11.0"	273.1 mm	10.752"			304.8 mm	12.0"
45.0	292.1 mm	11.5"		0"	301.6 mm	11.875"	317.5 mm	12.5"
46.0	304.8 mm	12.0"	298.5 mm	11.752"			330.2 mm	13.0"
47.0	317.5 mm	12.5"		0"			342.9 mm	13.5"
48.0	330.2 mm	13.0"	323.9 mm	12.752"	339.7 mm	13.375"	355.6 mm	14.0"
49.0	342.9 mm	13.5"		0"			368.3 mm	14.5"
50.0	355.6 mm	14.0"	349.3 mm	13.752"			381.0 mm	15.0"
51.0	368.3 mm	14.5"		0"	377.7 mm	14.875"	393.7 mm	15.5"
52.0	381.0 mm	15.0"	374.7 mm	14.752"			406.4 mm	16.0"
53.0	393.7 mm	15.5"		0"			419.1 mm	16.5"
54.0	406.4 mm	16.0"	400.1 mm	15.752"	339.7 mm	13.375"	431.8 mm	17.0"
55.0	419.1 mm	16.5"		0"			444.5 mm	17.5"
56.0	431.8 mm	17.0"	425.5 mm	16.752"			457.2 mm	18.0"
57.0	444.5 mm	17.5"		0"	377.7 mm	14.875"	469.9 mm	18.5"
58.0	457.2 mm	18.0"	450.9 mm	17.752"			482.6 mm	19.0"
59.0	469.9 mm	18.5"		0"			495.3 mm	19.5"
60	482.6 mm	19.0"	476.3 mm	18.752"	-	-	508.0 mm	20.0"

# TECHNICAL CATALOGUE

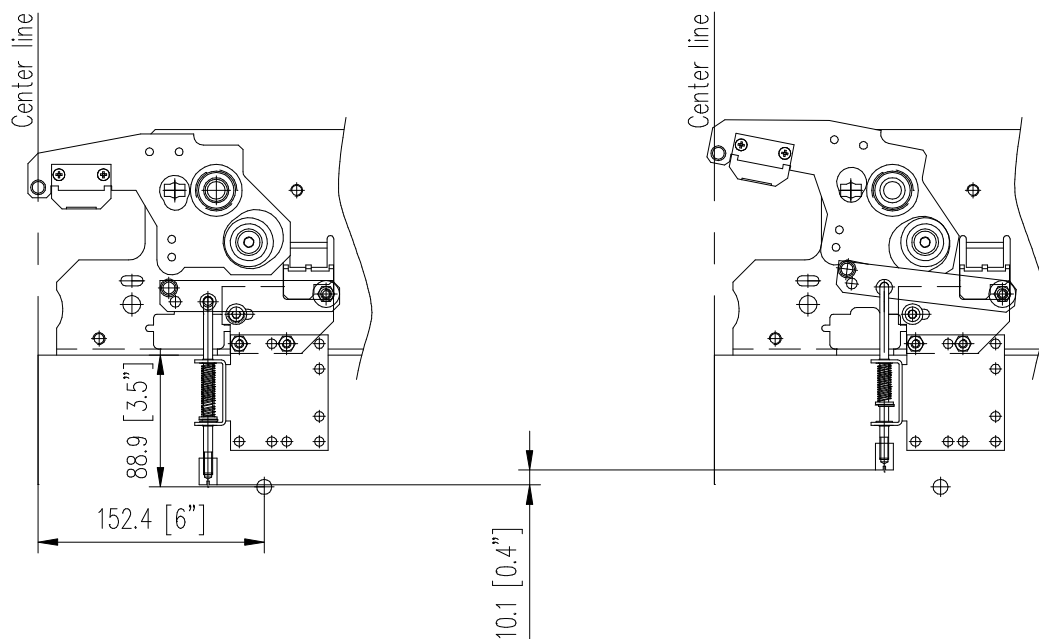
## Automatic Doors SGV NA

Car door operator / Landing mechanism

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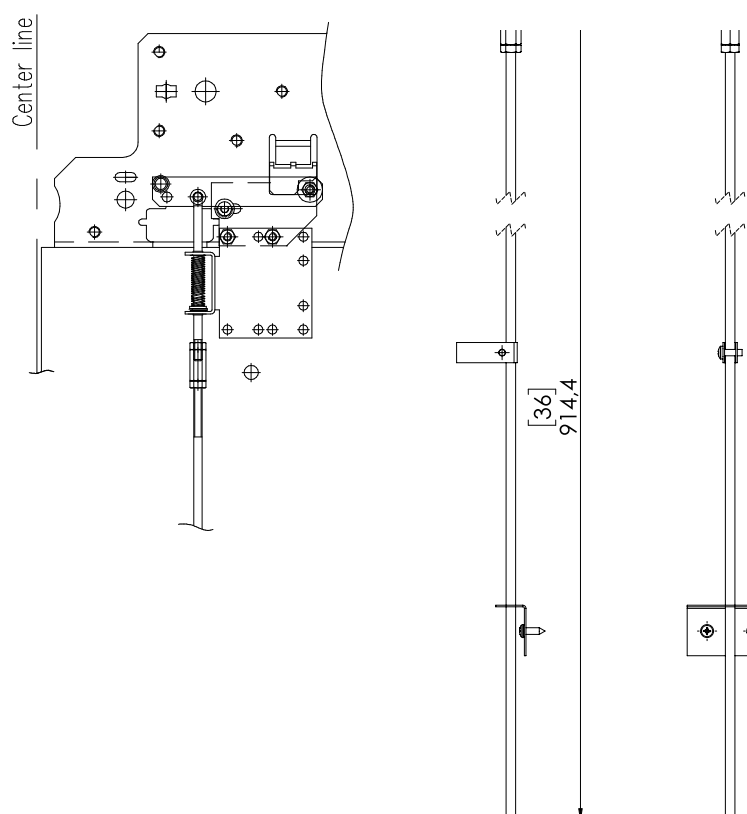
### 4.2.5 Emergency opening device

order code	standard
	WSTD



### 4.2.6 Extension kit for emergency opening device

order code	standard
	WEXT





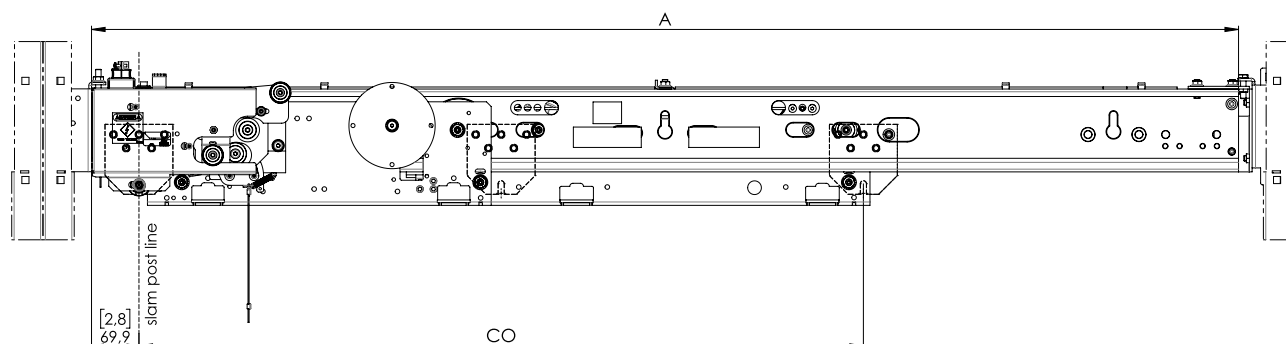
# TECHNICAL CATALOGUE

## Automatic Doors SGV NA

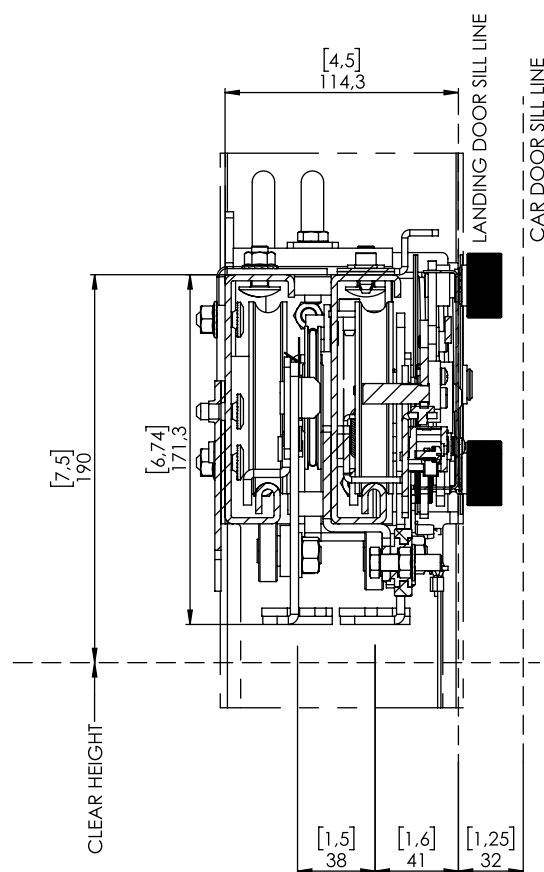
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Car door operator / Landing mechanism

### 4.3 Two panel side opening 2T L/R



CO		A		Weight* [lbs]	
[inch]	[mm]	[inch]	[mm]	SGV6 = Midi R6	SGV2 = Supra R2
30,0	762,0	48,5	1231,9		
31,0	787,4	50,0	1270,0		
32,0	812,8	51,5	1308,1		
33,0	838,2	53,0	1346,2		
34,0	863,6	54,5	1384,3		
35,0	889,0	56,0	1422,4		
36,0	914,4	57,5	1460,5	46,5	70,5
37,0	939,8	59,0	1498,6	48,5	72,5
38,0	965,2	60,5	1536,7	50,5	74,5
39,0	990,6	62,0	1574,8	52,4	76,4
40,0	1016,0	63,5	1612,9	54,4	78,4
41,0	1041,4	65,0	1651,0	56,4	80,4
42,0	1066,8	66,5	1689,1	58,3	82,3
43,0	1092,2	68,0	1727,2	60,3	84,3
44,0	1117,6	69,5	1765,3	62,3	86,3
45,0	1143,0	71,0	1803,4	64,2	88,2
46,0	1168,4	72,5	1841,5	66,2	90,2
47,0	1193,8	74,0	1879,6	68,2	92,2
48,0	1219,2	75,5	1917,7	70,1	94,1
49,0	1244,6	77,0	1955,8	72,1	96,1
50,0	1270,0	78,5	1993,9	74,1	98,1
51,0	1295,4	80,0	2032,0	76,0	100,0
52,0	1320,8	81,5	2070,1	78,0	102,0
53,0	1346,2	83,0	2108,2	80,0	104,0
54,0	1371,6	84,5	2146,3	81,9	105,9
55,0	1397,0	86,0	2184,4	83,9	107,9
56,0	1422,4	87,5	2222,5	85,8	109,8
57,0	1447,8	89,0	2260,6	87,8	111,8
58,0	1473,2	90,5	2298,7	86,8	110,8
59,0	1498,6	92,0	2336,8	88,8	112,8
60,0	1524,0	93,5	2374,9	87,8	111,8
61,0	1549,4	95,0	2413,0	89,8	113,8
62,0	1574,8	96,5	2451,1	88,8	112,8
63,0	1600,2	98,0	2489,2	90,8	114,8
64,0	1625,6	99,5	2527,3	89,8	113,8
65,0	1651,0	101,0	2565,4	91,8	115,8
66,0	1676,4	102,5	2603,5	90,8	114,8
67,0	1701,8	104,0	2641,6	92,8	116,8
68,0	1727,2	105,5	2679,7	91,8	115,8
69,0	1752,6	107,0	2717,8	93,8	117,8
70,0	1778,0	108,5	2755,9	92,8	116,8
71,0	1803,4	110,0	2794,0	94,8	118,8
72,0	1828,8	111,5	2832,1	93,8	117,8



\* Weight= Weight of a new install mechanism; no modernization components like brackets or panel adapters included

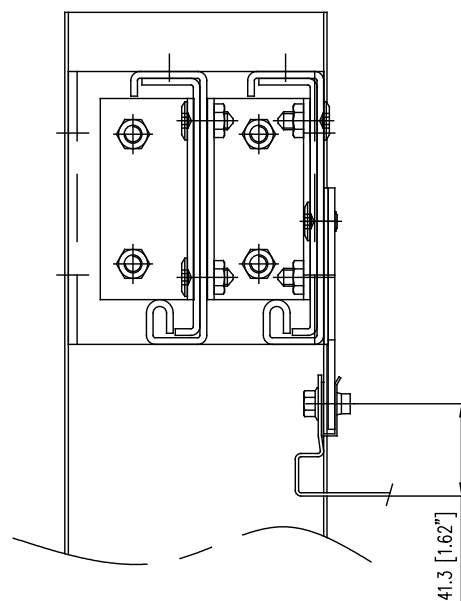
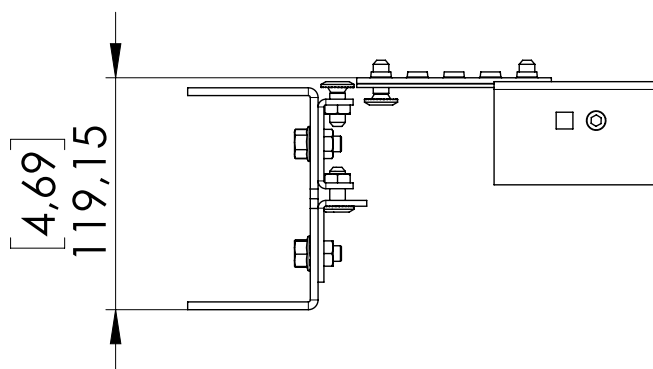
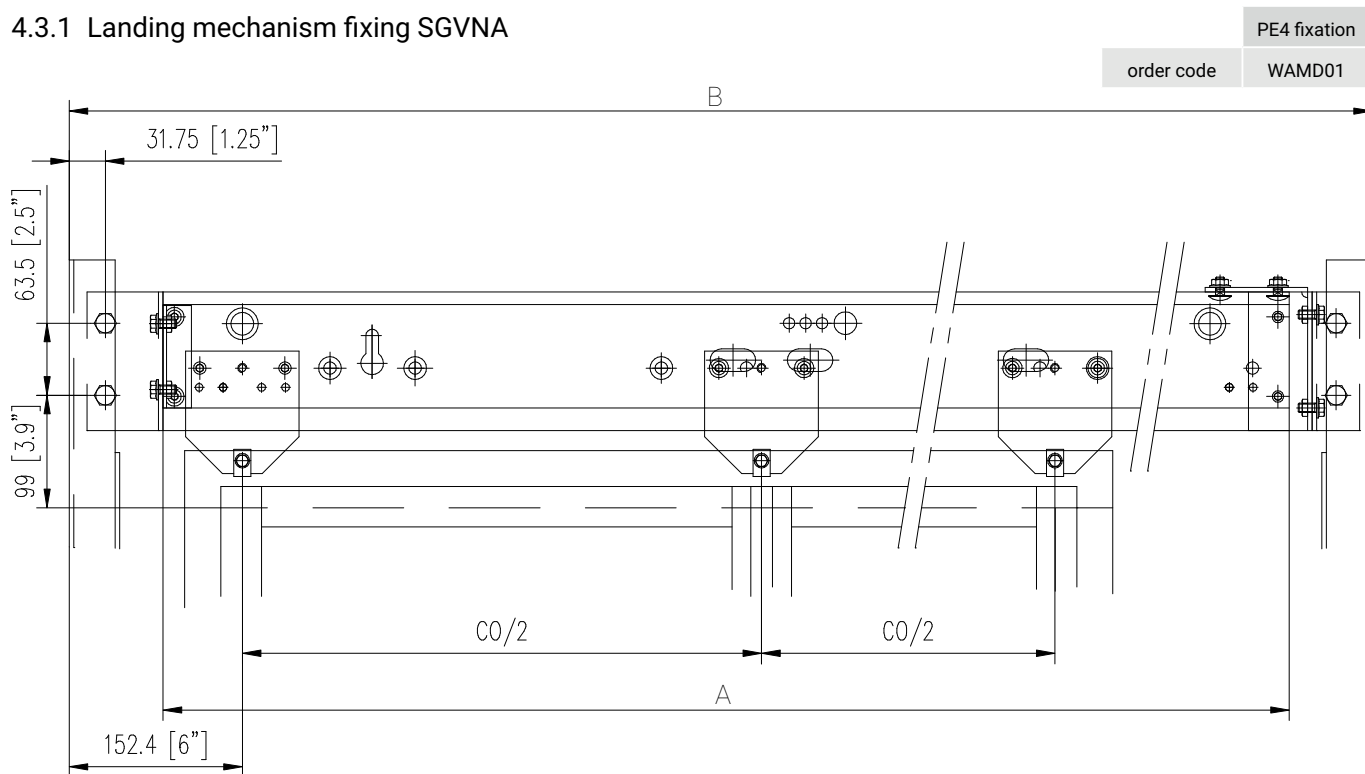
# TECHNICAL CATALOGUE

## Automatic Doors SGV NA

Car door operator / Landing mechanism

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### 4.3.1 Landing mechanism fixing SGVNA



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## Automatic Doors SGV NA

Car door operator / Landing mechanism

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CO		A		B	
[inch]	[mm]	[inch]	[mm]	[inch]	[mm]
36.0	914.4	57.5	1460.5	63.5	1612.9
37.0	939.8	59.0	1498.6	65.0	1651.0
38.0	965.2	60.5	1536.7	66.5	1689.1
39.0	990.6	62.0	1574.8	68.0	1727.2
40.0	1016.0	63.5	1612.9	69.5	1765.3
41.0	1041.4	65.0	1651.0	71.0	1803.4
42.0	1066.8	66.5	1689.1	72.5	1841.5
43.0	1092.2	68.0	1727.2	74.0	1879.6
44.0	1117.6	69.5	1765.3	75.5	1917.7
45.0	1143.0	71.0	1803.4	77.0	1955.8
46.0	1168.4	72.5	1841.5	78.5	1993.9
47.0	1193.8	74.0	1879.6	80.0	2032.0
48.0	1219.2	75.5	1917.7	81.5	2070.1
49.0	1244.6	77.0	1955.8	83.0	2108.2
50.0	1270.0	78.5	1993.9	84.5	2146.3
51.0	1295.4	80.0	2032.0	86.0	2184.4
52.0	1320.8	81.5	2070.1	87.5	2222.5
53.0	1346.2	83.0	2108.2	89.0	2260.6
54.0	1371.6	84.5	2146.3	90.5	2298.7
55.0	1397.0	86.0	2184.4	92.0	2336.8
56.0	1422.4	87.5	2222.5	93.5	2374.9
57.0	1447.8	89.0	2260.6	95.0	2413.0
58.0	1473.2	90.5	2298.7	96.5	2451.1
59.0	1498.6	92.0	2336.8	98.0	2489.2
60.0	1524.0	93.5	2374.9	99.5	2527.3
61.0	1549.4	95.0	2413.0	101.0	2565.4
62.0	1574.8	96.5	2451.1	102.5	2603.5
63.0	1600.2	98.0	2489.2	104.0	2641.6
64.0	1625.6	99.5	2527.3	105.5	2679.7
65.0	1651.0	101.0	2565.4	107.0	2717.8
66.0	1676.4	102.5	2603.5	108.5	2755.9
67.0	1701.8	104.0	2641.6	110.0	2794.0
68.0	1727.2	105.5	2679.7	111.5	2832.1
69.0	1752.6	107.0	2717.8	113.0	2870.2
70.0	1778.0	108.5	2755.9	114.5	2908.3
71.0	1803.4	110.0	2794.0	116.0	2946.4
72.0	1828.8	111.5	2832.1	117.5	2984.5

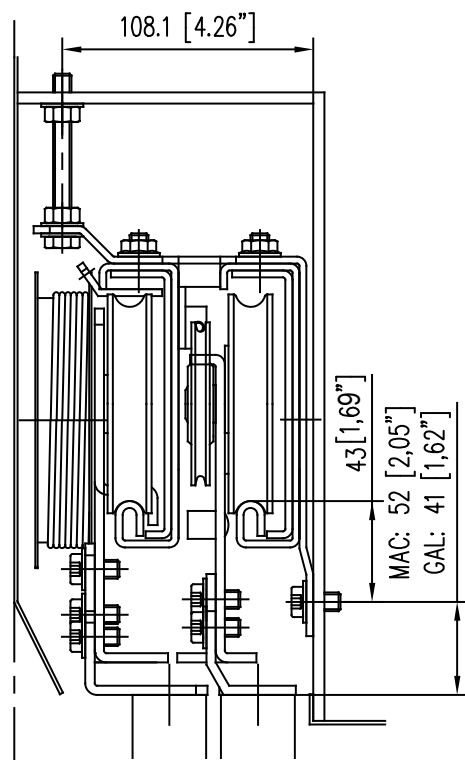
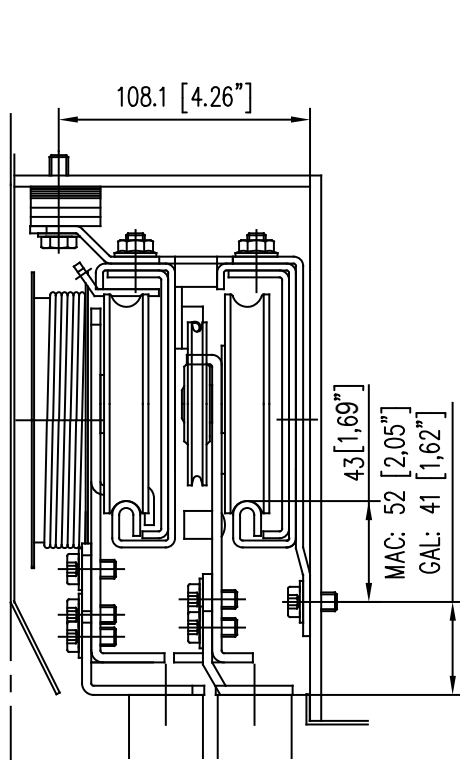
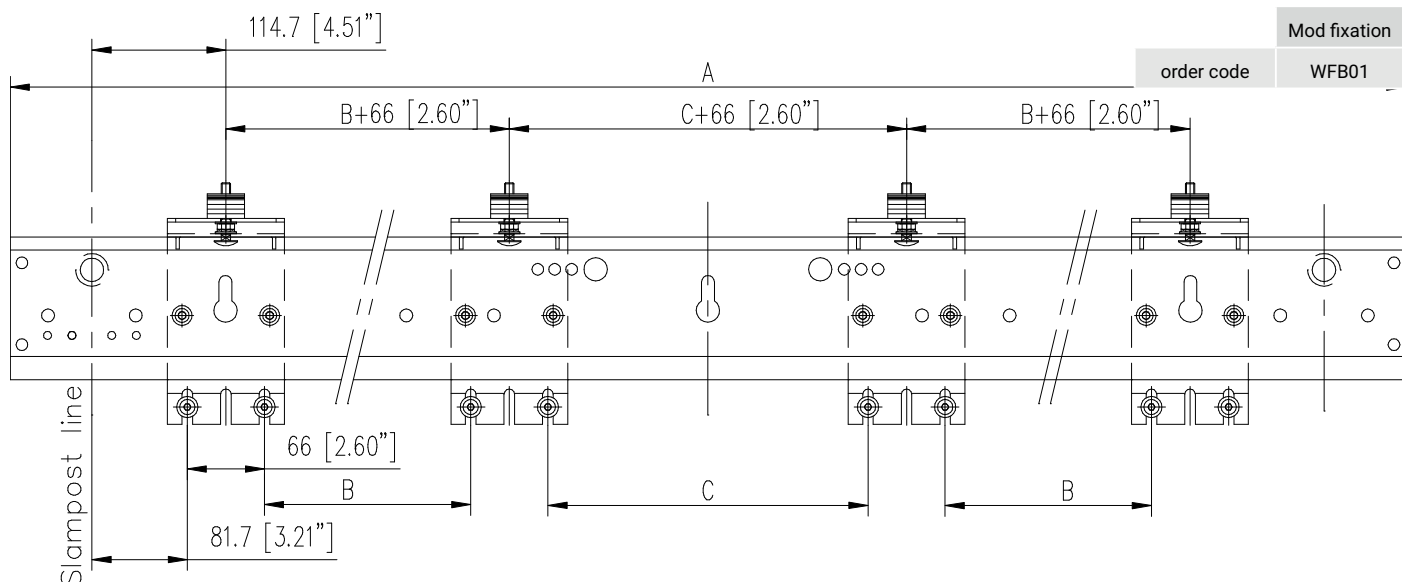
# TECHNICAL CATALOGUE

## Automatic Doors SGV NA

Car door operator / Landing mechanism

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### 4.3.2 Landing mechanism fixing SGVNA



# TECHNICAL CATALOGUE

## Automatic Doors SGV NA

Car door operator / Landing mechanism

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CO		A		B		C	
[inch]	[mm]	[inch]	[mm]	[inch]	[mm]	[inch]	[mm]
36.0	914.4	57.5	1460.5	22.89	581.3	25.41	645.3
37.0	939.8	59.0	1498.6	22.39	568.3	24.91	632.6
38.0	965.2	60.5	1536.7	2.20	555.9	24.41	619.9
39.0	990.6	62.0	1574.8	21.39	543.2	23.91	607.2
40.0	1016.0	63.5	1612.9	20.89	530.5	23.41	594.5
41.0	1041.4	65.0	1651.0	20.39	517.8	22.91	581.8
42.0	1066.8	66.5	1689.1	19.89	505.1	22.41	569.1
43.0	1092.2	68.0	1727.2	19.39	492.4	21.91	556.4
44.0	1117.6	69.5	1765.3	18.89	479.7	21.41	543.7
45.0	1143.0	71.0	1803.4	18.39	467	20.91	531
46.0	1168.4	72.5	1841.5	17.89	454.3	20.41	518.3
47.0	1193.8	74.0	1879.6	17.39	441.6	19.91	505.6
48.0	1219.2	75.5	1917.7	16.89	428.9	19.41	492.9
49.0	1244.6	77.0	1955.8	16.39	416.2	18.91	480.2
50.0	1270.0	78.5	1993.9	15.89	403.5	18.41	467.5
51.0	1295.4	80.0	2032.0	15.39	390.8	17.91	454.8
52.0	1320.8	81.5	2070.1	14.89	378.1	17.41	442.1
53.0	1346.2	83.0	2108.2	14.39	365.4	16.91	429.4
54.0	1371.6	84.5	2146.3	13.89	352.7	16.41	416.7
55.0	1397.0	86.0	2184.4	13.39	340	15.91	404
56.0	1422.4	87.5	2222.5	12.89	327.3	15.41	391.3
57.0	1447.8	89.0	2260.6	12.39	314.6	14.91	378.6
58.0	1473.2	90.5	2298.7	12.24	310.9	14.41	365.9
59.0	1498.6	92.0	2336.8	11.75	298.2	13.91	353.2
60.0	1524.0	93.5	2374.9	10.89	276.5	13.41	304.5
61.0	1549.4	95.0	2413.0	-	-	-	-
62.0	1574.8	96.5	2451.1	-	-	-	-
63.0	1600.2	98.0	2489.2	-	-	-	-
64.0	1625.6	99.5	2527.3	-	-	-	-
65.0	1651.0	101.0	2565.4	-	-	-	-
66.0	1676.4	102.5	2603.5	-	-	-	-
67.0	1701.8	104.0	2641.6	-	-	-	-
68.0	1727.2	105.5	2679.7	-	-	-	-
69.0	1752.6	107.0	2717.8	-	-	-	-
70.0	1778.0	108.5	2755.9	-	-	-	-
71.0	1803.4	110.0	2794.0	-	-	-	-
72.0	1828.8	111.5	2832.1	-	-	-	-

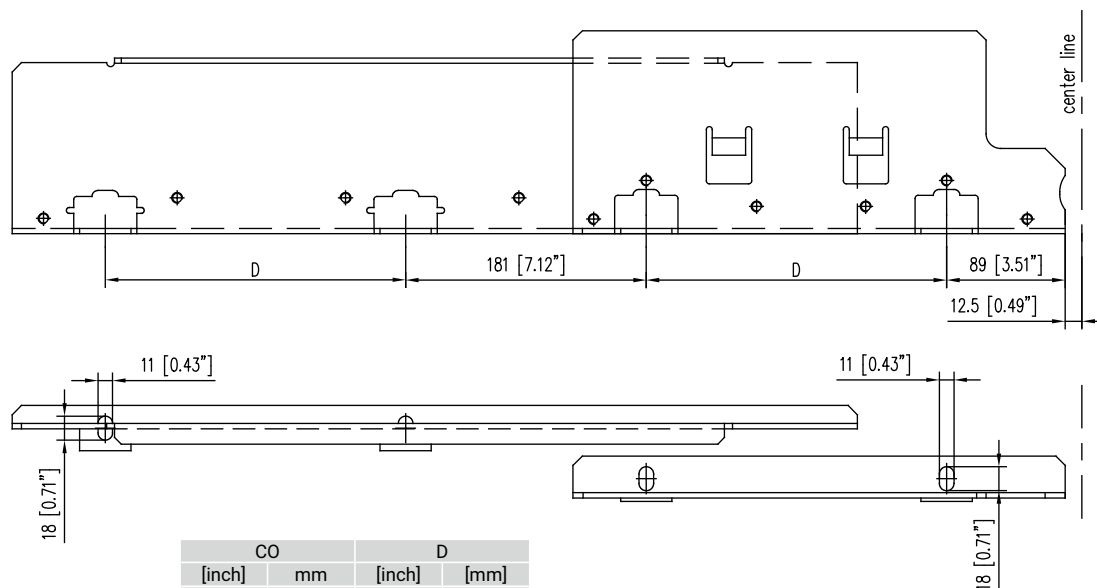
# TECHNICAL CATALOGUE

## Automatic Doors SGV NA

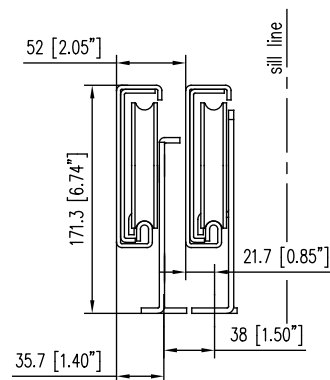
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Car door operator / Landing mechanism

### 4.3.3 Door interface SGVNA / T-hanger plate



CO		D	
[inch]	mm	[inch]	mm
30.0	762.0	8.25	209.6
31.0	787.4	8.75	222.3
32.0	812.8	9.25	235.0
33.0	838.2	9.75	247.7
34.0	863.6	10.25	260.4
35.0	889.0	10.75	273.1
36.0	914.4	11.25	285.8
37.0	939.8	11.75	298.5
38.0	965.2	12.25	311.2
39.0	990.6	12.75	323.9
40.0	1016.0	13.25	336.6
41.0	1041.4	13.75	349.3
42.0	1066.8	14.25	362.0
43.0	1092.2	14.75	374.7
44.0	1117.6	15.25	387.4
45.0	1143.0	15.75	400.1
46.0	1168.4	16.25	412.8
47.0	1193.8	16.75	425.5
48.0	1219.2	17.25	438.2
49.0	1244.6	17.75	450.9
50.0	1270.0	18.25	463.6
51.0	1295.4	18.75	476.3
52.0	1320.8	19.25	489.0
53.0	1346.2	19.75	501.7
54.0	1371.6	20.25	514.4
55.0	1397.0	20.75	527.1
56.0	1422.4	21.25	539.8
57.0	1447.8	21.75	552.5
58.0	1473.2	22.25	565.2
59.0	1498.6	22.75	577.9
60.0	1524.0	23.25	590.6
61.0	1549.4	23.75	603.3
62.0	1574.8	24.25	616.0
63.0	1600.2	24.75	628.7
64.0	1625.6	25.25	641.4
65.0	1651.0	25.75	654.1
66.0	1676.4	26.25	666.8
67.0	1701.8	26.75	679.5
68.0	1727.2	27.25	692.2
69.0	1752.6	27.75	704.9
70.0	1778.0	28.25	717.6
71.0	1803.4	28.75	730.3
72.0	1828.8	29.25	743.0



# TECHNICAL CATALOGUE

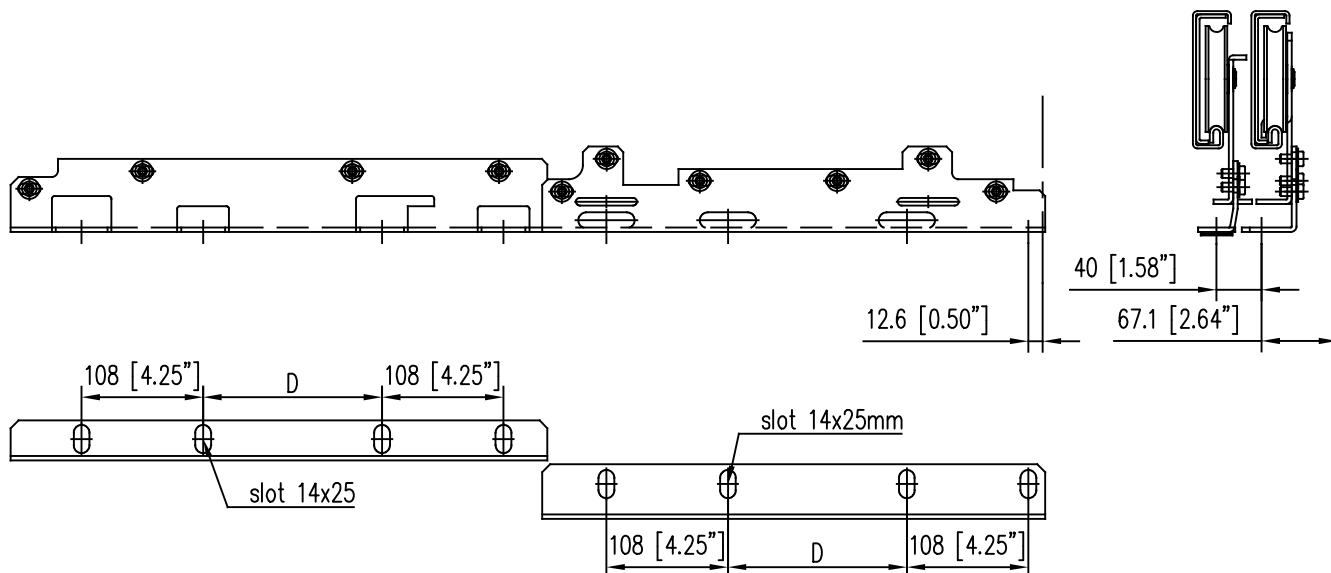
## Automatic Doors SGV NA

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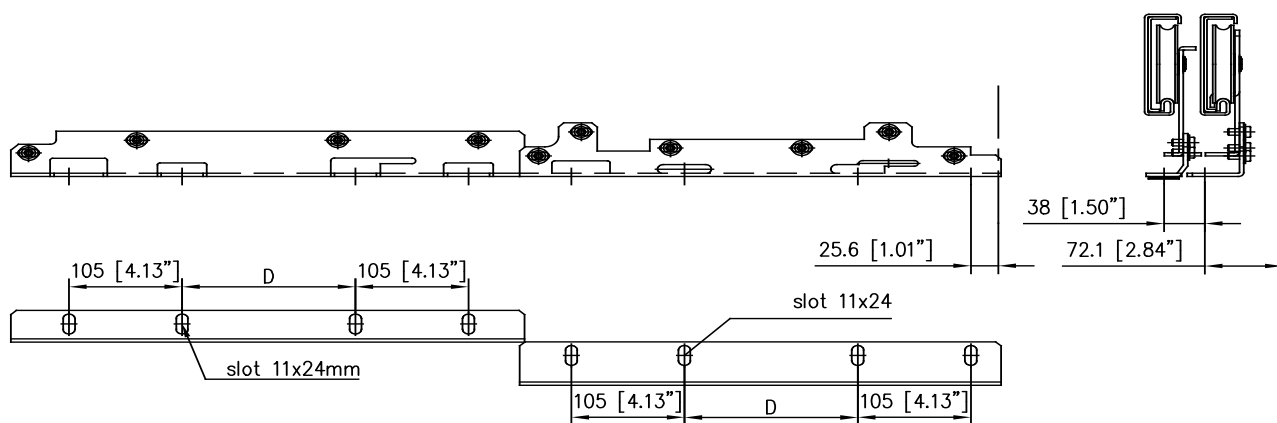
Car door operator / Landing mechanism

### 4.3.4 Panel adapter

#### 4.3.4.1 MAC



#### 4.3.4.2 GAL



# TECHNICAL CATALOGUE

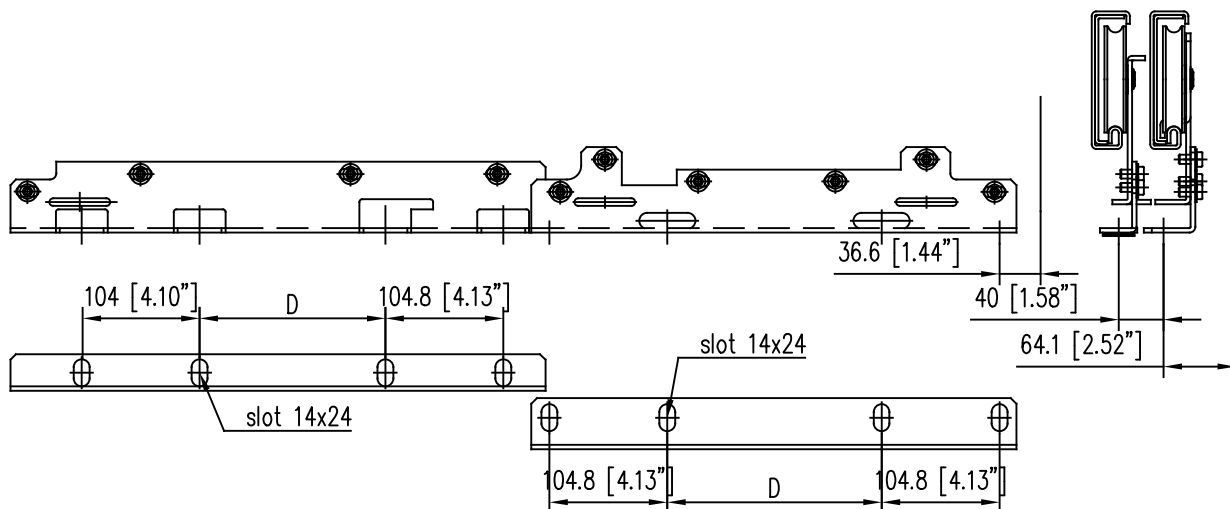
## Automatic Doors SGV NA

Car door operator / Landing mechanism

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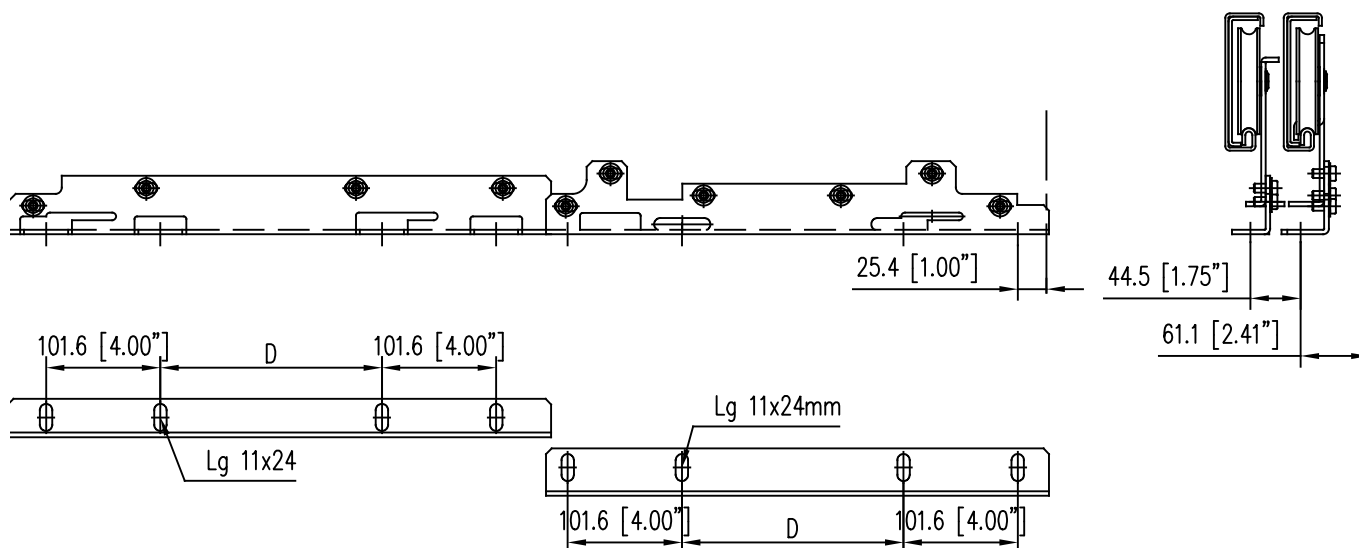
### 4.3.4.3 DOVER

	DOVER
order code	WDOV01



### 4.3.4.4 ARMOR

	ARM
order code	WARM01





# TECHNICAL CATALOGUE

## Automatic Doors SGV NA

Car door operator / Landing mechanism

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D								
	MAC		DOVER		GAL		ARMOR	
CO	[mm]	[inch]	[mm]	[inch]	[mm]	[inch]	[mm]	[inch]
36" (914.4)	159	6,26	190,5	7,5	161,5	6,36	196,9	7,75
37" (939.8)	171,7	6,76	215,9	8,5	212,5	8,37	-	-
38" (965.2)	184,4	7,26					222,3	8,75
39" (990.6)	197,1	7,76	241,3	9,5			-	-
40" (1016)	209,8	8,26					247,7	9,75
41" (1041.4)	222,5	8,76	266,7	10,5	263,3	10,37	-	-
42" (1066.8)	235,2	9,26					273,1	10,75
43" (1092.2)	247,9	9,76	292,1	11,5			-	-
44" (1117.6)	260,6	10,26					298,5	11,75
45" (1143)	273,3	10,76	317,5	12,5	314,1	12,37	-	-
46" (1168.4)	286	11,26					323,9	12,75
47" (1193.8)	298,7	11,76	342,9	13,5			-	-
48" (1219.2)	311,4	12,26					349,3	13,75
49" (1244.6)	324,1	12,76	368,3	14,5			-	-
50" (1270)	336,8	13,26					374,7	14,75
51" (1295.4)	349,5	13,76	393,7	15,5	364,9	14,37	-	-
52" (1320.8)	362,2	14,26					400,1	15,75
53" (1346.2)	374,9	14,76	419,1	16,5			-	-
54" (1371.6)	387,6	15,26					425,5	16,75
55" (1397)	400,3	15,76	444,5	17,5			-	-
56" (1422.4)	413	16,26					450,9	17,75
57" (1447.8)	425,7	16,76	469,9	18,5	415,7	16,37	-	-
58" (1473.2)	438,4	17,26					476,3	18,75
59" (1498.6)	451,1	17,76	495,3	19,5			-	-
60" (1524)	463,8	18,26					501,7	19,75

# TECHNICAL CATALOGUE

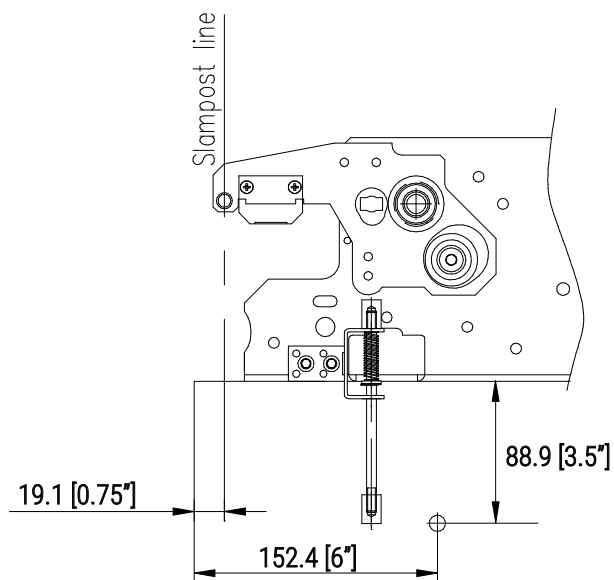
## Automatic Doors SGV NA

Car door operator / Landing mechanism

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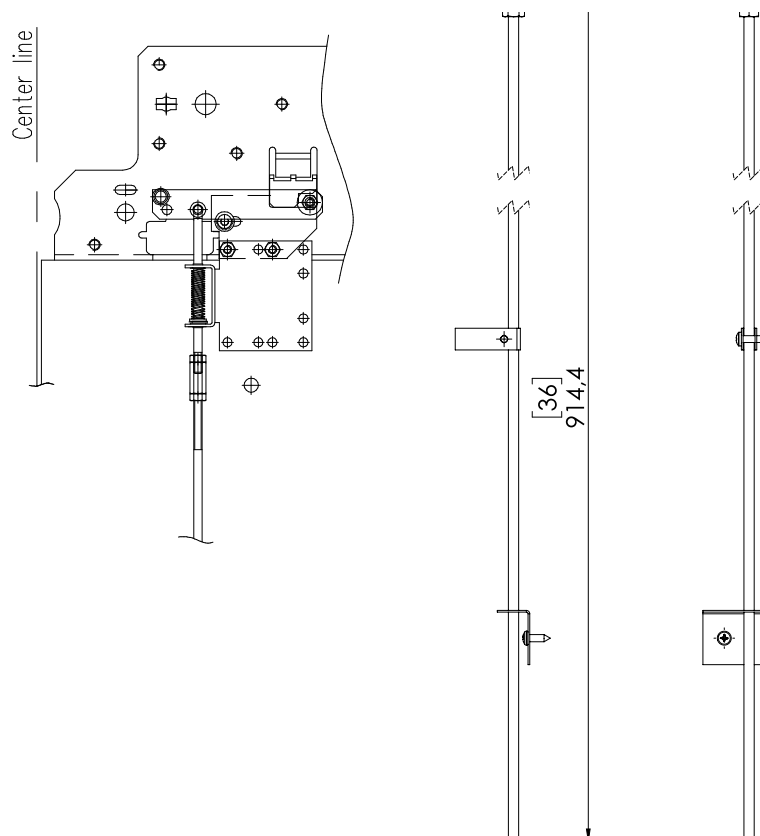
### 4.3.5 Emergency opening device

order code	standard
	WSTD



### 4.3.6 Extension kit for emergency opening device

order code	standard
	WEXT



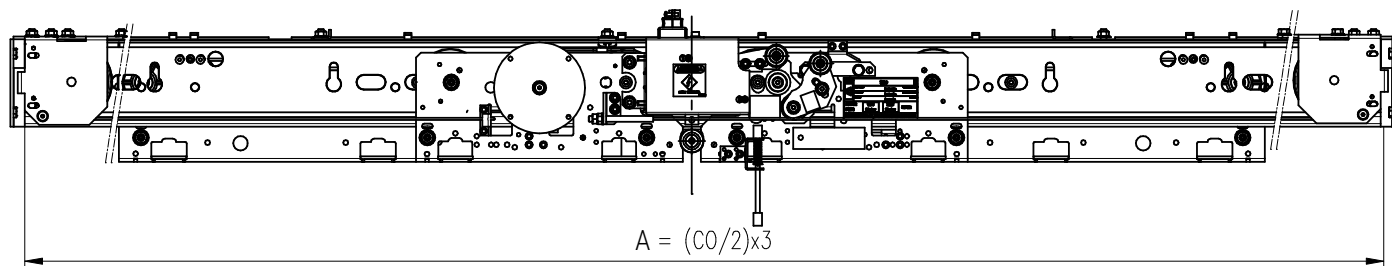
# TECHNICAL CATALOGUE

## Automatic Doors SGV NA

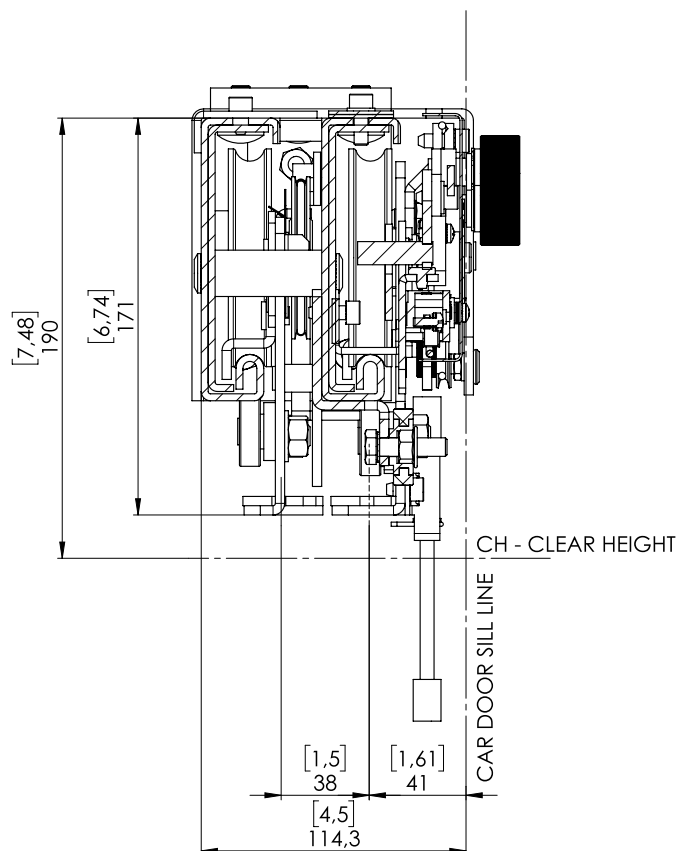
Code TC.2.005255.EN  
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Car door operator / Landing mechanism

### 4.4 Four panel center opening 4C



CO		A	
[inch]	[mm]	[inch]	[mm]
48,0	1219,2	76,5	1943,2
49,0	1244,6	77,5	1968,6
50,0	1270,0	78,5	1994,0
51,0	1295,4	79,5	2019,4
52,0	1320,8	80,5	2044,8
53,0	1346,2	81,5	2070,2
54,0	1371,6	82,5	2095,6
55,0	1397,0	83,5	2121,0
56,0	1422,4	84,0	2133,6
57,0	1447,8	85,5	2171,7
58,0	1473,2	87,0	2209,8
59,0	1498,6	88,5	2247,9
60,0	1524,0	90,0	2286,0
61,0	1549,4	91,5	2324,1
62,0	1574,8	93,0	2362,2
63,0	1600,2	94,0	2387,6
64,0	1625,6	96,0	2438,4
65,0	1651,0	97,5	2476,5
66,0	1676,4	99,0	2514,6
67,0	1701,8	100,5	2552,7
68,0	1727,2	102,0	2590,8
69,0	1752,6	103,5	2628,9
70,0	1778,0	105,0	2667,0



# TECHNICAL CATALOGUE

## Automatic Doors SGV NA

Car door operator / Landing mechanism

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CO		A	
[inch]	[mm]	[inch]	[mm]
71,0	1803,4	106,5	2705,1
72,0	1828,8	108,0	2743,2
73,0	1854,2	109,5	2781,3
74,0	1879,6	111,0	2819,4
75,0	1905,0	112,5	2857,5
76,0	1930,4	114,0	2895,6
77,0	1955,8	115,5	2933,7
78,0	1981,2	117,0	2971,8
79,0	2006,6	118,5	3009,9
80,0	2032,0	120,0	3048,0
81,0	2057,4	121,5	3086,1
82,0	2082,8	123,0	3124,2
83,0	2108,2	124,5	3162,3
84,0	2133,6	126,0	3200,4
85,0	2159,0	127,5	3238,5
86,0	2184,4	129,0	3276,6
87,0	2209,8	130,5	3314,7
88,0	2235,2	132,0	3352,8
89,0	2260,6	133,5	3390,9
90,0	2286,0	135,0	3429,0
91,0	2311,4	136,5	3467,1
92,0	2336,8	138,0	3505,2
93,0	2362,2	139,5	3543,3
94,0	2387,6	141,0	3581,4
95,0	2413,0	142,5	3619,5
96,0	2438,4	144,0	3657,6
97,0	2463,8	145,5	3695,7
98,0	2489,2	147,0	3733,8
99,0	2514,6	148,5	3771,9
100,0	2540,0	150,0	3810,0
101,0	2565,4	151,5	3848,1
102,0	2590,8	153,0	3886,2
103,0	2616,2	154,5	3924,3
104,0	2641,6	156,0	3962,4
105,0	2667,0	157,5	4000,5
106,0	2692,4	159,0	4038,6
107,0	2717,8	160,5	4076,7

CO		A	
[inch]	[mm]	[inch]	[mm]
108,0	2743,2	162,0	4114,8
109,0	2768,6	163,5	4152,9
110,0	2794,0	165,0	4191,0
111,0	2819,4	166,5	4229,1
112,0	2844,8	168,0	4267,2
113,0	2870,2	169,5	4305,3
114,0	2895,6	171,0	4343,4
115,0	2921,0	172,5	4381,5
116,0	2946,4	174,0	4419,6
117,0	2971,8	175,5	4457,7
118,0	2997,2	177,0	4495,8



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# TECHNICAL CATALOGUE

## Automatic Doors SGV NA

Car door operator / Landing mechanism

4.4.1 Landing mechanism fixing SGVNA

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# TECHNICAL CATALOGUE

## Automatic Doors SGV NA

Car door operator / Landing mechanism

### 4.4.2 Landing mechanism fixing SGVNA

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# TECHNICAL CATALOGUE

## Automatic Doors SGV NA

Car door operator / Landing mechanism

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4.4.3 Door interface SGVNA / T-hanger plate

4.4.4 Panel adapter

4.4.4.1 MAC

4.4.4.2 GAL

4.4.4.3 DOVER

4.4.4.4 ARMOR

4.4.5 Emergency opening device

4.4.6 Extension kit for emergency opening device

# TECHNICAL CATALOGUE

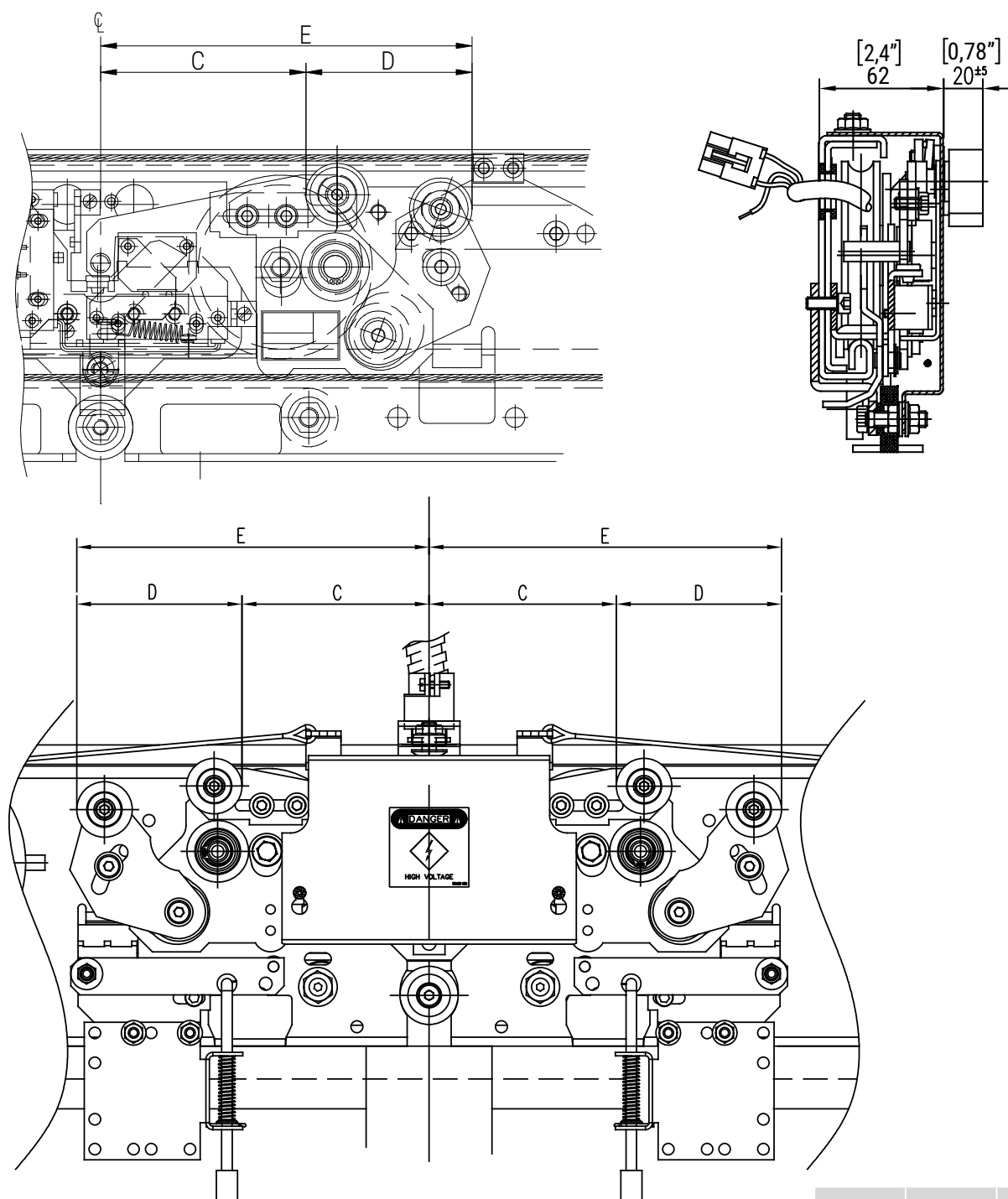
## Automatic Doors SGV NA

Car door operator / Landing mechanism

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### 5 Lock roller unit

#### 5.1 AMD standard



C	D	E
100[3,94]	95[3,74"]	195[7,68"]
LOCK ROLLER DISTANCES		

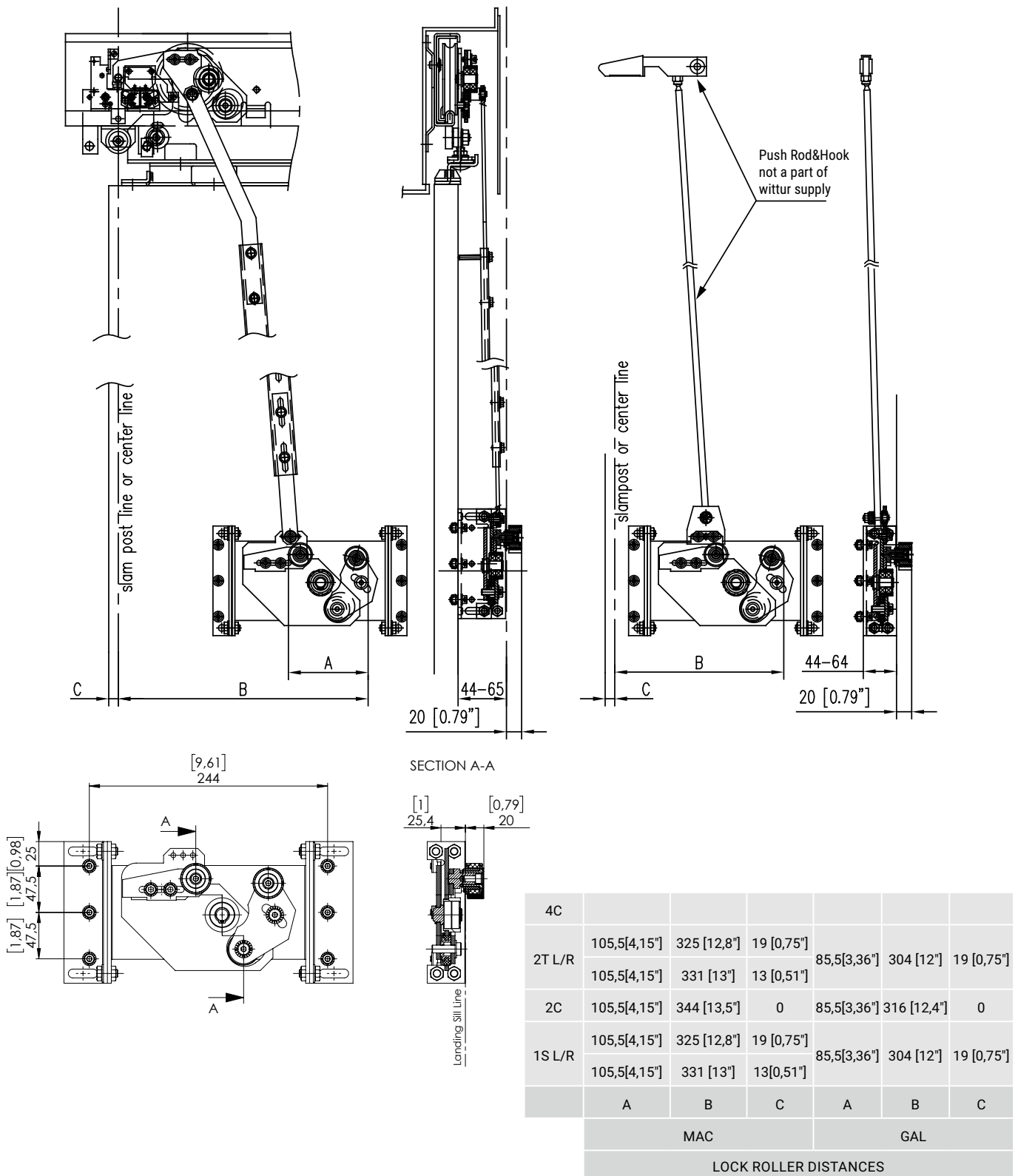


## 5.2 Panel placed

DOVER

order code

WSTD



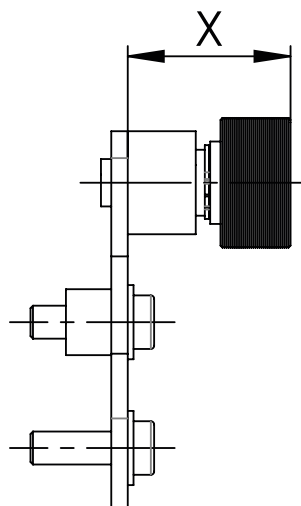
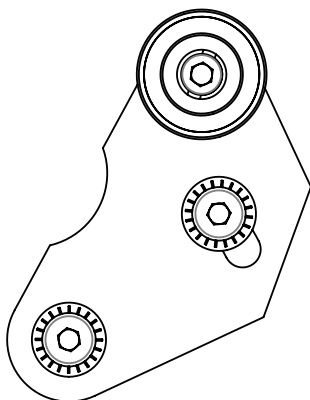
# TECHNICAL CATALOGUE

## Automatic Doors SGV NA

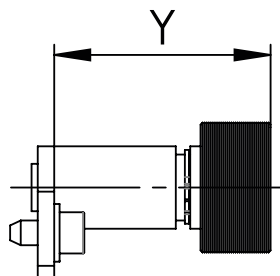
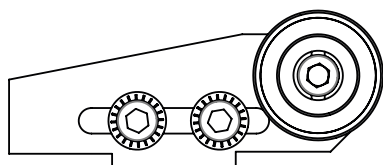
Car door operator / Landing mechanism

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### 5.3 Lock rollers



	standard
order code	WSTD
	ext.14
order code	wamd14
	ext.24
order code	wamd24
	ext.30
order code	wamd30
	ext.39
order code	wamd39



	X[mm]	Y[mm]
standard	29,5±5	32,5±5
ext.14	43,5±5	46,5±5
ext.24	53,5±5	56,5±5
ext.30	63,5±5	63,5±5
ext.39	72,5±5	72,5±5

# TECHNICAL CATALOGUE

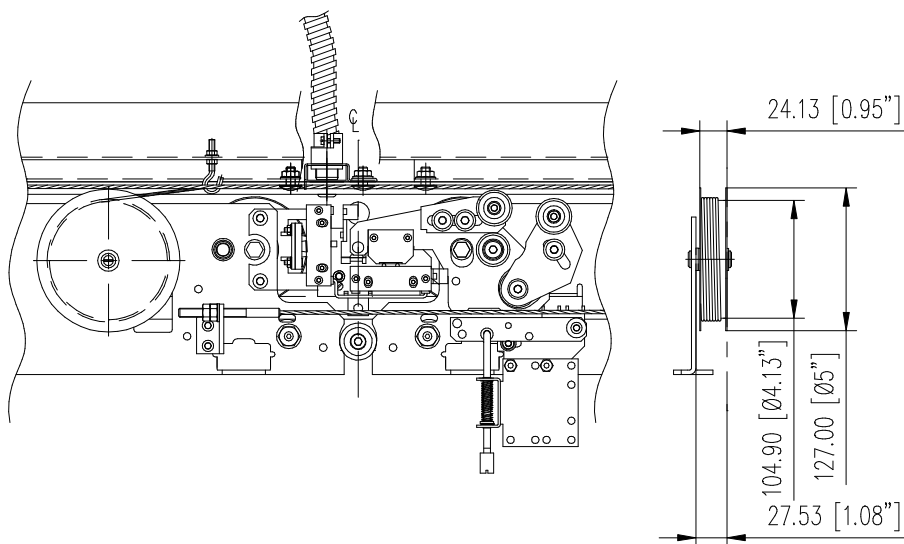
## Automatic Doors SGV NA

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Car door operator / Landing mechanism

### 6 Closing device

#### 6.1 Reel Closer



# TECHNICAL CATALOGUE

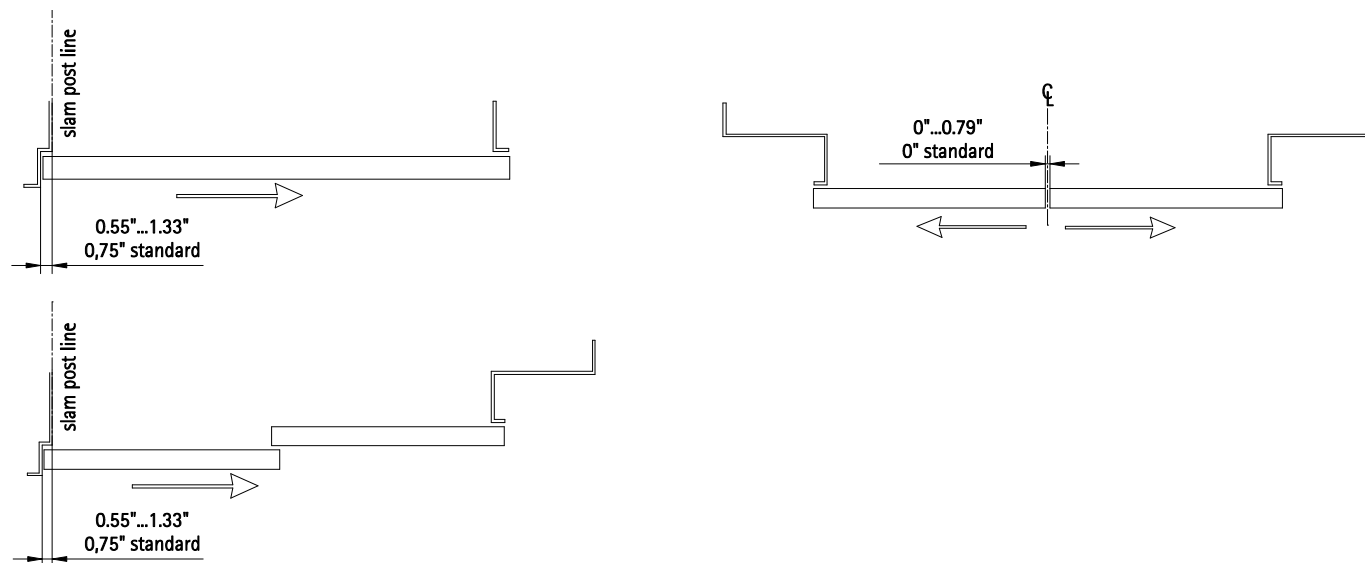
## Automatic Doors SGV NA

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### 7 Options

#### 7.1 Extra opening



# TECHNICAL CATALOGUE

## Automatic Doors SGV NA

Car door operator / Landing mechanism

8 Reference documents

8.1 Order form

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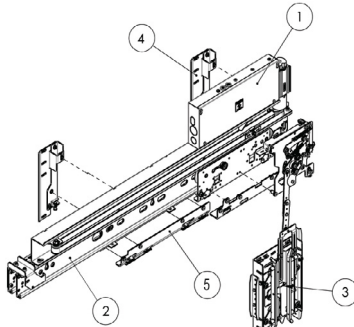
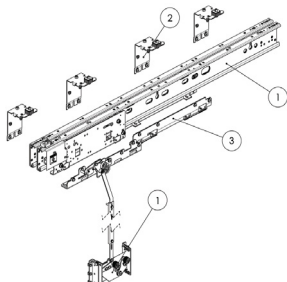
### Wittur SGV NA Door Mechanisms

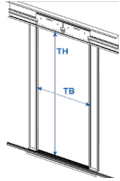
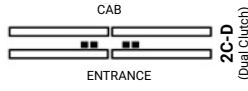
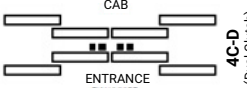
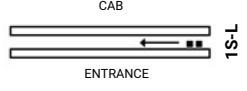
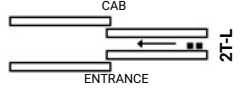

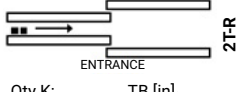
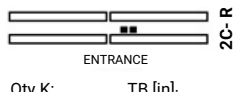
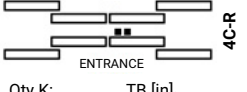
Pag. /

Fields marked (\*) are always mandatory, while fields marked (#) are mandatory if Wittur supply

☐ Inquiry ☐ Order N°:

(*) Company:	(*) Submission Date:
(*) Address:	(*) Customer Ref:
(*) Email:	(*) Install City/State:
(*) Tel.:	Requested Delivery Date:
(*) Contact:	

(*) Wittur Scope of Supply									
		New Install (NI)			Modernization (MOD)				
		X = included O = Optional	<input type="checkbox"/> N1	<input type="checkbox"/> N2	<input type="checkbox"/> N custom	<input type="checkbox"/> M1	<input type="checkbox"/> M2	<input type="checkbox"/> M custom	
<b>K (CAR)</b>	<b>Operator</b>	1 Door Drive	X	X	X	X	X		
		2 Top Track	X	X	X	X	X		
		3 Clutch/Coupler	X	X	X	X	X		
		4 Mounting Bkts	O	O	O	O	O		
		5 Panel Adapters	O	O	O	O	O		
<b>S (SHAFT)</b>	<b>Top Track</b>	1 Track/Lock/Closer	X			X			
		2 Mounting Bkts	O			O			
		3 Panel Adapters	O			O			

(*) Type /Quantity/Size									
									
Qty K: _____ TB [in]: _____ Qty S: _____ TH [in]: _____		Qty K: _____ TB [in]: _____ Qty S: _____ TH [in]: _____		Qty K: _____ TB [in]: _____ Qty S: _____ TH [in]: _____		Qty K: _____ TB [in]: _____ Qty S: _____ TH [in]: _____		Qty K: _____ TB [in]: _____ Qty S: _____ TH [in]: _____	
									
Qty K: _____ TB [in]: _____ Qty S: _____ TH [in]: _____		Qty K: _____ TB [in]: _____ Qty S: _____ TH [in]: _____		Qty K: _____ TB [in]: _____ Qty S: _____ TH [in]: _____		Qty K: _____ TB [in]: _____ Qty S: _____ TH [in]: _____			
1S		2T		2C		4C			



# TECHNICAL CATALOGUE

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### Wittur SGV NA Door Mechanisms

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Fields marked (\*) are always mandatory, while fields marked (#) are mandatory if Wittur supply

#### Car (K) Operator

(*) Operator Model:	<input type="checkbox"/> SGV2 (NI/MOD)	<input type="checkbox"/> SGV6 (NI)
	Base	Option
Max weight per panel [lbs.]	275 lbs	140 lbs
Max total moving mass [lbs.]	1320 lbs	595 lbs
Drive: Max power consumption	Supra: 900 W	Midi: 475 W
Noise level: Average, Maximum	50 dB, 55 dB	55 dB, 60 dB
IP Rating	IP20	IP20
Upper rollers diam [in]	3.7"	3.7"
Certified Car Door Interlock	CSA	CSA

Application	(*) Coupler for Landing Lock: <input type="checkbox"/> Standard - SGV/AMD <input type="checkbox"/> Otis 6940 <input type="checkbox"/> GAL/ECI <input type="checkbox"/> Westinghouse E5A <input type="checkbox"/> MAC <input type="checkbox"/> Thyssen <input type="checkbox"/> Dover <input type="checkbox"/> Other: If not included in tech.catalog - requires survey	
	(#) Panel Adapters (Car Door Panel Interface): <input type="checkbox"/> GAL <input type="checkbox"/> Standard * SGV/AMD <input type="checkbox"/> MAC * No panel adapter needed <input type="checkbox"/> Dover <input type="checkbox"/> Other: <input type="checkbox"/> Armor If not included in tech.catalog - requires survey	(#) Mounting Brackets: <input type="checkbox"/> Operator mounting brackets V2-01  (#) Programming Handset: No (BASE), not needed for installation <input type="checkbox"/> Yes, QTY=_____

#### Shaft (S) Top Track

(#) Top Track Model	<input type="checkbox"/> SGV2 (NI/MOD)	<input type="checkbox"/> SGV6 (NI)		
	Base	Option	Base	Option
Max weight per panel [lbs.]	275 lbs		140 lbs	
Closing device	Spirator		Spirator	
Upper rollers diam [in]	3.7"		3.7"	
Certified Interlock	CSA, CA		CSA, CA	
Fire Certification: UL10B	90'		90'	

Options	(#) Panel Adapters (Shaft Door Panel Interface): <input type="checkbox"/> GAL <input type="checkbox"/> Standard * SGV/AMD <input type="checkbox"/> MAC * No panel adapter needed <input type="checkbox"/> Dover <input type="checkbox"/> Other: <input type="checkbox"/> Armor If not included in tech.catalog - requires survey	(#) Mechanism Fixing Brackets: <input type="checkbox"/> Standard NI - WAMD01 <input type="checkbox"/> Standard MOD - WFB01
	(#) Landing Lock Rollers: <input type="checkbox"/> Track Mounted - WAMD01E (BASE-NI) <input type="checkbox"/> Panel Mounted - WRUP01 (MOD) <input type="checkbox"/> Other: If not included in tech.catalog - requires survey	(#) Emergency Unlocking: <input type="checkbox"/> Emergency Opening Device (EOD) - WSTD <input type="checkbox"/> Extension Kit for EOD (NI w/ TH>84") - WEXT <input type="checkbox"/> Pit Egress Device <input type="checkbox"/> EOD Drop key, Qty: _____



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8.2 Installation Instruction AM.2.005257.EN

8.3 Installation Instruction AM.2.005258.EN

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Car door operator / Landing mechanism

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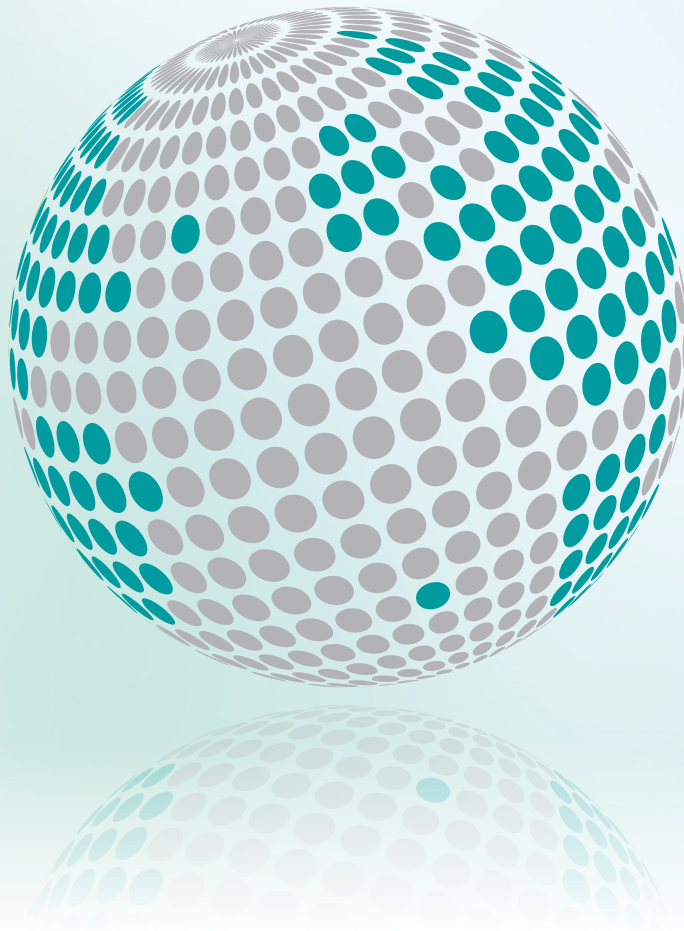
### 8.4 Field instructions

FIELD INSTRUCTIONS			
	DESCRIPTION	DRAWING NUMBER	
		LANDING MECHANISM	CAR DOOR OPERATOR
MAC	1S-One panel side opening	1064215	1062596
	2C-Two panel center opening	1064553	1062434
	2T-2 Panel side opening	1064617	1062498
	4C-Four panel center opening		
DOVER	1S-One panel side opening	1063808	1062628
	2C-Two panel center opening	1064574	1062439
	2T-2 Panel side opening	1064635	1062518
	4C-Four panel center opening		
GAL	1S-One panel side opening	1064235	1062563
	2C-Two panel center opening	1064569	1062356
	2T-2 Panel side opening	1064633	1062468
	4C-Four panel center opening		
Armor	1S-One panel side opening	1064778	1063369
	2C-Two panel center opening	1064775	1063403
	2T-2 Panel side opening	1064893	1063431
	4C-Four panel center opening		
AMD	1S-One panel side opening	1063893	1063655
	2C-Two panel center opening	1064578	1063716
	2T-2 Panel side opening	1064636	1063731
	4C-Four panel center opening		
OTIS	1S-One panel side opening	1064755	1063475
	2C-Two panel center opening	1064746	1063504
	2T-2 Panel side opening	1064761	1063525
	4C-Four panel center opening		
WH	1S-One panel side opening	1065729	1063568
	2C-Two panel center opening	1065744	1063609
	2T-2 Panel side opening	1065751	1063636





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