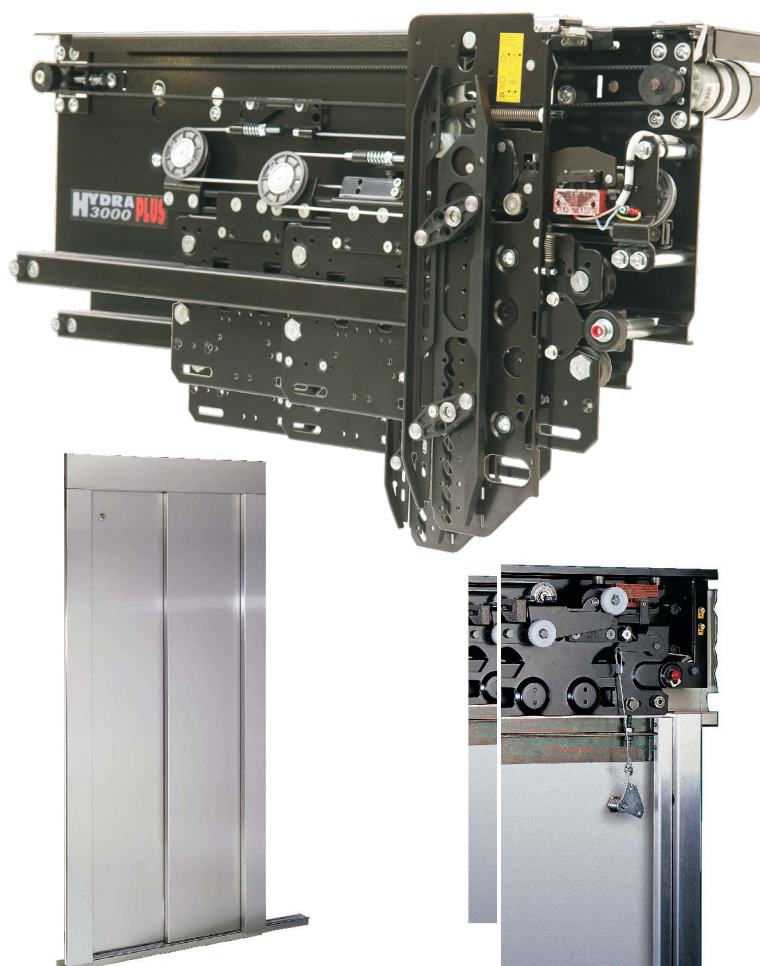


Hydra 3000 PLUS Hydra 3000

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SELCOM CAR DOORS AND LANDING DOORS *PORTE DI CABINA E DI PIANO SELCOM*



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HYDRA 3000 CAR DOORS AND LANDING DOORS

PORTE DI CABINA E DI PIANO HYDRA 3000

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	GLOSSARY	GLOSSARIO
PL	Clear Oening	<i>Passaggio Libero</i>
LH	Clear Height	<i>Luce Altezza</i>
GM	Mechanism Maximum Overall Dimension	<i>Ingombro Massimo Meccanismo</i>
GW	Panels Maximum Overall Dimension	<i>Ingombro Massimo Ante Aperte</i>
DF	Frame Depth	<i>Profondità Stipite</i>
WS	Sill Length	<i>Ingombro Soglie</i>
SP	Top Frame Height	<i>Altezza Stipite Superiore</i>
SF, SB	Side Frame Width	<i>Larghezza Stipite Laterale</i>
CF1	Infill Plate Dimension	<i>Dimensioni Coprifessura</i>

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TECHNICAL FEATURES

CARATTERISTICHE TECNICHE

Features:

Hydra 3000 Plus is a door system which can be used with any kind of application, from residential buildings up to highly frequented office buildings and hotels. The compact construction ensures high flexibility especially for elevator modernization purposes. Well thought out design and the use of selected materials mean additional advantages like:

- Modularity:
 - various combinations between Drives and Models (Hydra 3000 Plus- Eco Piuma);
 - combinations between Hydra 3000 and Augusta are possible in one elevator (i.e. Hydra 3000=medium traffic Augusta=low traffic).

	Car Door	Landing Door
Possible Combinations:	Hydra 3000 Plus	Hydra 3000 Augusta

- Standard fixing on cabin roof like previous models Hydra 3000 Arm.
- Wide range with 4 door types.
- Smooth operation even at high door speeds.
- Integrated car door lock in coupler (optional).
- Clear opening self learning.
- Low energy consumption.
- Global product: **Hydra 3000 Plus** complies with the standards: EN81-20, EN81-50, Lift Directive 2014/33/EU.
- Closing times according to disable people rules.
- Small numbers of parts result in reduced number of spares and highly increased lifetime.
- If needed adaptations at existing components and special designed parts are possible.

Content of Supply of operator:

- Door operator consisting of: Drive (Motor, Electronic board, Transformer), Mechanism, Coupler, Panels, Sill, Toeguard.
- Front fixing (option).
- Car door lock (option).
- Cable chain set (option).
- Application of extra safety devices:
 - photocell and electronic detector (option).
- Protection class IP54 (option, for Midi only).
- Operating instructions.

Caratteristiche:

Hydra 3000 Plus è un operatore che può essere utilizzato per qualsiasi tipo di applicazione, dagli edifici residenziali fino agli uffici e agli alberghi molto frequentati.

La costruzione compatta nelle dimensioni garantisce alta flessibilità specialmente per la modernizzazione degli impianti. Un'avanzata progettazione e l'uso di materiali scelti portano ulteriori vantaggi, quali:

- Modularità:
 - varie combinazioni tra motorizzazioni e modelli (Hydra 3000 Plus- Eco Piuma);
 - sono possibili combinazioni tra Hydra 3000 e Augusta nello stesso impianto (cioè: Hydra 3000 per piani mediamente frequentati, Augusta per piani poco frequentati).

	Porta di cabina	Porta di piano
Possibili combinazioni:	Hydra 3000 Plus	Hydra 3000 Augusta

- Fissaggi standard su tetto cabina uguali ai precedenti modelli Hydra 3000 Arm.
- Ampia gamma con 4 tipi di porta.
- Ottima scorrevolezza anche ad alte velocità.
- Bloccaggio fuori piano integrato nell'abbinamento (a richiesta).
- Autoapprendimento del passaggio libero.
- Basso consumo energetico.
- Prodotto universale: **Hydra 3000 Plus** rispetta le normative EN81-20, EN81-50, Lift Directive 2014/33/EU.
- Tempi di chiusura secondo norme per disabili.
- Un basso numero di componenti comporta un ridotto numero di ricambi e una durata molto elevata.
- Se necessari, sono possibili adattamenti a componenti esistenti e pezzi speciali a disegno.

Materiale di fornitura dell'operatore:

- L'operatore è composto da: motorizzazione (motore, scheda elettronica, trasformatore), meccanismo, abbinamento, ante, soglia, paramento.
- Fissaggio frontale (a richiesta).
- Bloccaggio fuori piano (a richiesta).
- Gruppo guidacavi (a richiesta).
- Applicazione di dispositivi di sicurezza supplementari: fotocellula e costole elettroniche (a richiesta).
- Classe di protezione IP54 (disponibile solo per Midi, a richiesta).
- Istruzioni d'uso.



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APPLICATION RANGE

CAMPO DI APPLICAZIONE

Drive Motore	Usage Area Area di utilizzo	
ECO	Low traffic installation <i>Impianti con basso traffico</i>	Residential Buildings, Small Offices <i>Edifici residenziali, piccoli uffici</i>
MIDI	Medium-high traffic installation <i>Impianti con medio-alto traffico</i>	Public buildings, offices, medium-high traffic residential buildings and prestigious buildings <i>Edifici pubblici, uffici, edifici residenziali a medio-alto traffico e di prestigio</i>



HYDRA 3000 CAR DOORS AND LANDING DOORS PORTE DI CABINA E DI PIANO HYDRA 3000

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TECHNICAL DATA

DATI TECNICI

	ECO+	MIDI+
Motor Characteristics <i>Caratteristiche del motore</i>	AC 3 Phase Motor	AC 3 Phase Motor
Drive <i>Motorizzazione</i>	V3F Converter	V3F Converter
Rated Power <i>Consumo medio</i>	60W	120W
Max Momentary Power Consumption <i>Massimo consumo istantaneo</i>	100W	550W
Power Supply <i>Alimentazione</i>	Univ. (127V; 2A)±20% (230V; 1A)±20% 50/60Hz	Univ. (127V; 6A)±20% (230V; 4A)±20% 50/60Hz
Noise Level (Door Operator) <i>Livello di rumore (Operatore)</i>	average 55 dB, max 60 dB	average 55 dB, max 60 dB
Protection Class <i>Classe di protezione</i>	IP20	IP20, option IP54
Regulations and Standards <i>Regolamenti e Norme</i>	EN81, PUBEL, Lift directive 95/16/EC	EN81, PUBEL, Lift directive 95/16/EC
Electromagnetic Compatibility <i>Compatibilità Elettromagnetica</i>	Immunity and Emission Protection acc. EN12015/16 <i>Protezione immunità ed emissioni come da EN12015/16</i>	
Maximum Movable Masses (Car and Landing Door Panels) <i>Peso massimo in movimento (Ante porta di cabina e di piano)</i>	130kg	300kg
Passenger Protective Device <i>Dispositivi di protezione dei passeggeri</i>	Photocell and Light Curtain (WSE 81 or WSE 155) <i>Fotocellula e Cortina di luce (WSE 81 o WSE 155)</i>	
Car Door Lock (Optional) <i>Bloccaggio fuori piano (Opzione)</i>	•	

- AVAILABLE
DISPONIBILE
- NOT AVAILABLE
NON DISPONIBILE



HYDRA 3000 CAR DOORS AND LANDING DOORS PORTE DI CABINA E DI PIANO HYDRA 3000

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TECHNICAL DATA

DATI TECNICI

	ECO+	MIDI+
Shaft Room Temperature <i>Temperatura ambiente nel vano</i>	-0...+50°C	-20...+50°C
Storage Temperature <i>Temperatura di stoccaggio</i>	-5...+70°C	-45...+70°C
Humidity Range <i>Campo umidità</i>	<97%...<25°C <93%...40°C	<97%...<25°C <93%...40°C
Vibration (Test Value) <i>Resistenza alle vibrazioni (Valore di test)</i>	EN60068-2-6	-
Bump (Test Value) <i>Resistenza alle scosse (Valore di test)</i>	EN60068-2-29	-
Advanced opening <i>Preapertura</i>	•	•
Self Learning <i>Autoapprendimento</i>	•	•
Adjustment by PC <i>Settaggio mediante PC</i>	-	•
Supervision Function <i>Funzione di supervisione</i>	•	•
Data Stored Permanently <i>Dati memorizzati permanentemente</i>	•	•
Nudging (NUD) <i>Nudging (NUD)</i>	•	•
Opening Push Button in the Car (Optional) <i>Pulsante di apertura in cabina (a richiesta)</i> (DOB)	•	•
Protective Device - Power Supply <i>Dispositivo di sicurezza - Alimentazione</i>	24V DC + 10% 150 mA	24V DC + 10% 150 mA
Emergency Battery Drive <i>Batteria di emergenza</i>	18 - 26 VDC max 5A	18 - 26 VDC max 15A

- AVAILABLE
DISPONIBILE
- NOT AVAILABLE
NON DISPONIBILE



WITTUR

HYDRA 3000 CAR DOORS AND LANDING DOORS

PORTE DI CABINA E DI PIANO HYDRA 3000

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PRODUCTION RANGE WITH HYDRA 3000 PLUS OPERATORS

GAMMA DI PRODUZIONE CON OPERATORI HYDRA 3000 PLUS

LANDING DOORS PORTE DI PIANO		CAR DOORS WITH BELT TRANSMISSION PORTE DI CABINA CON TRASMISSIONE A CINGHIA		C.O. PL mm			LH mm		
TYP TIPO	ILLUSTRATION RAPPRESENTAZIONE	TYPE TIPO	ILLUSTRATION RAPPRESENTAZIONE	Min.	Max. Landing Doors Porte di piano	Max. Car Doors Porte di cabina	Min.	Max. Landing Doors Porte di piano	Max. Car Doors Porte di cabina
01/C		02/C		600	1200	1200	1900	2100	2200
01/C SLIM		02/C							
11/R		12/R		600	1200	1200			
11/L		12/L							
11/R SLIM		12/R		600	1200	1200			
11/L SLIM		12/L							
31/R		35/R		600	1150	1150			
31/L		35/L							
41/C		44/R		600	1150	1150			

TYP TIPO	02/C			12/R-L			35/R			44/R		
	OPENING TIME TEMPO DI APERTURA	CLOSING TIME TEMPO DI CHIUSURA	CLOSING AVERAGE SPEED VELOCITA' MEDIA DI CHIUSURA m/s	OPENING TIME TEMPO DI APERTURA	CLOSING TIME TEMPO DI CHIUSURA	CLOSING AVERAGE SPEED VELOCITA' MEDIA DI CHIUSURA m/s	OPENING TIME TEMPO DI APERTURA	CLOSING TIME TEMPO DI CHIUSURA	CLOSING AVERAGE SPEED VELOCITA' MEDIA DI CHIUSURA m/s	OPENING TIME TEMPO DI APERTURA	CLOSING TIME TEMPO DI CHIUSURA	CLOSING AVERAGE SPEED VELOCITA' MEDIA DI CHIUSURA m/s
	s	s		s	s		s	s		s	s	
600	1,8	2,9		2,6	3,8		2,6	3,8		1,8	2,9	
650	2,0	3,0		2,7	4,0		2,7	4,0		2,0	3,0	
700	2,1	3,0		2,8	4,1		2,8	4,1		2,1	3,0	
750	2,2	3,1		2,9	4,3		2,9	4,3		2,2	3,1	
800	2,2	3,1		3,0	4,4		3,0	4,4		2,2	3,1	
850	2,3	3,2		3,1	4,6		3,1	4,6	0,30	2,3	3,2	
900	2,4	3,3	0,30	3,2	4,8	0,30	3,2	4,8		2,4	3,3	0,30
950	2,5	3,4		3,3	5,0		3,3	5,0		2,5	3,4	
1000	2,5	3,5		3,4	5,1		3,4	5,1		2,5	3,5	
1050	2,6	3,6		3,6	5,3		3,6	5,3		2,6	3,6	
1100	2,6	3,6		3,8	5,4		3,8	5,4		2,6	3,6	
1150	2,7	3,7		3,9	5,6		3,9	5,6		2,7	3,7	
1200	2,7	3,8		4,0	5,8							

ECO

VALUES OF ECO DRIVE SHOWN IN THE
SCHEDULE IS VALID ONLY FOR LH=2000
I VALORI PER LA MOTORIZZAZIONE
ECO INDICATI IN TABELLA SONO
VALIDI SOLO PER LH=2000

STANDARD AND DOUBLE SKIN PANELS
ANTE IN LAMIERA STANDARD E TAMBURATE

TYP TIPO	02/C			12/R-L			35/R			44/R		
	OPENING TIME TEMPO DI APERTURA	CLOSING TIME TEMPO DI CHIUSURA	CLOSING AVERAGE SPEED VELOCITA' MEDIA DI CHIUSURA m/s	OPENING TIME TEMPO DI APERTURA	CLOSING TIME TEMPO DI CHIUSURA	CLOSING AVERAGE SPEED VELOCITA' MEDIA DI CHIUSURA m/s	OPENING TIME TEMPO DI APERTURA	CLOSING TIME TEMPO DI CHIUSURA	CLOSING AVERAGE SPEED VELOCITA' MEDIA DI CHIUSURA m/s	OPENING TIME TEMPO DI APERTURA	CLOSING TIME TEMPO DI CHIUSURA	CLOSING AVERAGE SPEED VELOCITA' MEDIA DI CHIUSURA m/s
	s	s		s	s		s	s		s	s	
600	1,8			2,6	4,0	*	2,6	4,0	*	1,8		
650	2,0			2,7	4,0		2,7	4,0		2,0		
700	2,1			2,8	4,1		2,8	4,1		2,1		
750	2,2			2,9	4,3		2,9	4,3		2,2		
800	2,2			3,0	4,4		3,0	4,4		2,2		
850	2,3			3,1	4,6		3,1	4,6		2,3		
900	2,4	4,0	*	3,2	4,8	0,30	3,2	4,8	0,30	2,4	4,0	*
950	2,5			3,3	5,0		3,3	5,0		2,5		
1000	2,5			3,4	5,1		3,4	5,1		2,5		
1050	2,6			3,6	5,3		3,6	5,3		2,6		
1100	2,6			3,8	5,4		3,8	5,4		2,6		
1150	2,7			3,9	5,6		3,9	5,6		2,7		
1200	2,7			4,0	5,8							

ECO



VALUES OF ECO DRIVE SHOWN IN THE
SCHEDULE IS VALID ONLY FOR LH=2000
I VALORI PER LA MOTORIZZAZIONE
ECO INDICATI IN TABELLA SONO
VALIDI SOLO PER LH=2000

STANDARD AND DOUBLE SKIN PANELS
ANTE IN LAMIERA STANDARD E TAMBURATE

DEPENDENT ON CLOSING
TIME (min. 4 sec.)
* SUBORDINATA AL TEMPO DI
CHIUSURA (min. 4 sec.)

HYDRA 3000 CAR DOORS AND LANDING DOORS PORTE DI CABINA E DI PIANO HYDRA 3000

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OPENING AND CLOSING TIMES (FIRE-CUTTING "SLIM" DOORS) TEMPI DI APERTURA E CHIUSURA (PORTE TAGLIAFUOCO "SLIM")

TYP TIPO	02/C			12/R-L		
	OPENING TIME TEMPO DI APERTURA	CLOSING TIME TEMPO DI CHIUSURA	CLOSING AVERAGE SPEED VELOCITA' MEDIA DI CHIUSURA m/s	OPENING TIME TEMPO DI APERTURA	CLOSING TIME TEMPO DI CHIUSURA	CLOSING AVERAGE SPEED VELOCITA' MEDIA DI CHIUSURA m/s
C.O. PL	s	s		s	s	
600	1,5	2,2		2,0	3,3	
650	1,6	2,3		2,1	3,5	
700	1,6	2,4		2,1	3,7	
750	1,7	2,5		2,2	3,9	
800	1,7	2,6		2,3	4,1	
850	1,7	2,7		2,4	4,3	
900	1,7	2,8	0,26	2,5	4,5	0,26
950	1,8	2,9		2,6	4,7	
1000	1,8	2,9		2,6	4,9	
1050	1,9	3,0		2,7	5,1	
1100	1,9	3,1		2,8	5,3	
1150	2,0	3,2		2,9	5,5	
1200	2,0	3,3		2,9	5,7	



VALUES OF MIDI DRIVE SHOWN IN THE
SCHEDULE IS VALID ONLY FOR LH=2000

I VALORI PER LA MOTORIZZAZIONE
MIDI INDICATI IN TABELLA SONO
VALIDI SOLO PER LH=2000

"SLIM" FIRE-CUTTING PANELS
ANTE TAGLIAFUOCO "SLIM"

TYP TIPO	02/C			12/R-L		
	OPENING TIME TEMPO DI APERTURA	CLOSING TIME TEMPO DI CHIUSURA	CLOSING AVERAGE SPEED VELOCITA' MEDIA DI CHIUSURA m/s	OPENING TIME TEMPO DI APERTURA	CLOSING TIME TEMPO DI CHIUSURA	CLOSING AVERAGE SPEED VELOCITA' MEDIA DI CHIUSURA m/s
C.O. PL	s	s		s	s	
600	1,5			2,0		
650	1,6			2,1		
700	1,6			2,1	4,0	*
750	1,7			2,2		
800	1,7			2,3	4,1	
850	1,7			2,4	4,3	
900	1,7	4,0	*	2,5	4,5	
950	1,8			2,6	4,7	
1000	1,8			2,6	4,9	4,0
1050	1,9			2,7	5,1	
1100	1,9			2,8	5,3	
1150	2,0			2,9	5,5	
1200	2,0			2,9	5,7	



VALUES OF MIDI DRIVE SHOWN IN THE
SCHEDULE IS VALID ONLY FOR LH=2000

I VALORI PER LA MOTORIZZAZIONE
MIDI INDICATI IN TABELLA SONO
VALIDI SOLO PER LH=2000

"SLIM" FIRE-CUTTING PANELS
ANTE TAGLIAFUOCO "SLIM"

DEPENDENT ON CLOSING
TIME (min. 4 sec.)
* SUBORDINATA AL TEMPO DI
CHIUSURA (min. 4 sec.)



WITTUR

HYDRA 3000 CAR DOORS AND LANDING DOORS PORTE DI CABINA E DI PIANO HYDRA 3000

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PRODUCTION RANGE WITH ECO PIUMA OPERATORS

GAMMA DI PRODUZIONE CON OPERATORI ECO PIUMA

LANDING DOORS PORTE DI PIANO			CAR DOORS WITH BELT TRANSMISSION PORTE DI CABINA CON TRASMISSIONE A CINGHIA			C.O. PL mm			LH mm		
TYP TIPO	ILLUSTRATION RAPPRESENTAZIONE		TYPE TIPO	ILLUSTRATION RAPPRESENTAZIONE		Min.	Landing Doors Porte di piano	Max. Car Doors Porte di cabina	Min.	Landing Doors Porte di piano	Max. Car Doors Porte di cabina
01/C			02/C			600	900	900	2000	2100	2200
01/C SLIM			02/C								
11/R			12/R								
11/L			12/L								
11/R SLIM			12/R								
11/L SLIM			12/L								
31/R			35/R			700	900	900			
31/L			35/L								
41/C			45/C			600	900	900			

TYP TIPO	02/C			12/R-L			35/R-L			45/C		
C.O. PL	OPENING TIME TEMPO DI APERTURA	CLOSING TIME TEMPO DI CHIUSURA	CLOSING AVERAGE SPEED VELOCITA' MEDIA DI CHIUSURA m/s	OPENING TIME TEMPO DI APERTURA	CLOSING TIME TEMPO DI CHIUSURA	CLOSING AVERAGE SPEED VELOCITA' MEDIA DI CHIUSURA m/s	OPENING TIME TEMPO DI APERTURA	CLOSING TIME TEMPO DI CHIUSURA	CLOSING AVERAGE SPEED VELOCITA' MEDIA DI CHIUSURA m/s	OPENING TIME TEMPO DI APERTURA	CLOSING TIME TEMPO DI CHIUSURA	CLOSING AVERAGE SPEED VELOCITA' MEDIA DI CHIUSURA m/s
600	1,8	2,9		2,6	3,8					1,8	2,9	
650	2,0	3,0		2,7	4,0					2,0	3,0	
700	2,1	3,0		2,8	4,1		2,8	4,1		2,1	3,0	
750	2,2	3,1	0,30	2,9	4,3	0,30	2,9	4,3		2,2	3,1	0,30
800	2,2	3,1		3,0	4,4		3,0	4,4	0,30	2,2	3,1	
850	2,3	3,2		3,1	4,6		3,1	4,6		2,3	3,2	
900	2,4	3,3		3,2	4,8		3,2	4,8		2,4	3,3	

ECO

VALUES OF MIDI DRIVE SHOWN IN THE
SCHEDULE IS VALID ONLY FOR LH=2000

I VALORI PER LA MOTORIZZAZIONE
MIDI INDICATI IN TABELLA SONO
VALIDI SOLO PER LH=2000

STANDARD AND DOUBLE SKIN PANELS
ANTE IN LAMIERA STANDARD E TAMBURATE

ECO



TYP TIPO	02/C			12/R-L			35/R-L			45/C		
C.O. PL	OPENING TIME TEMPO DI APERTURA	CLOSING TIME TEMPO DI CHIUSURA	CLOSING AVERAGE SPEED VELOCITA' MEDIA DI CHIUSURA m/s	OPENING TIME TEMPO DI APERTURA	CLOSING TIME TEMPO DI CHIUSURA	CLOSING AVERAGE SPEED VELOCITA' MEDIA DI CHIUSURA m/s	OPENING TIME TEMPO DI APERTURA	CLOSING TIME TEMPO DI CHIUSURA	CLOSING AVERAGE SPEED VELOCITA' MEDIA DI CHIUSURA m/s	OPENING TIME TEMPO DI APERTURA	CLOSING TIME TEMPO DI CHIUSURA	CLOSING AVERAGE SPEED VELOCITA' MEDIA DI CHIUSURA m/s
600	2,6	4,0	*	1,8	4,0					2,6	4,0	*
650	2,7	4,0		2,0	4,0					2,7	4,0	
700	2,8	4,1		2,1	4,0		2,8	4,1		2,8	4,1	
750	2,9	4,3	0,30	2,2	4,0	*	2,9	4,3		2,9	4,3	0,30
800	3,0	4,4		2,2	4,0		3,0	4,4	0,30	3,0	4,4	
850	3,1	4,6		2,3	4,0		3,1	4,6		3,1	4,6	
900	3,2	4,8		2,4	4,0		3,2	4,8		3,2	4,8	

VALUES OF ECO DRIVE SHOWN IN THE
SCHEDULE IS VALID ONLY FOR LH=2000

I VALORI PER LA MOTORIZZAZIONE
ECO INDICATI IN TABELLA SONO
VALIDI SOLO PER LH=2000

STANDARD AND DOUBLE SKIN PANELS
ANTE IN LAMIERA STANDARD E TAMBURATE

DEPENDENT ON CLOSING
TIME (min. 4 sec.)
* SUBORDINATA AL TEMPO DI
CHIUSURA (min. 4 sec.)



HYDRA 3000 CAR DOORS AND LANDING DOORS PORTE DI CABINA E DI PIANO HYDRA 3000

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SUPPLY OF DISASSEMBLED DOORS FORNITURA PORTE SMONTATE

TYP 11/R-L

LH PL	1900	1950	2000	2050	2100
600					
650					
700					
750					
800					
850					
900					
950					
1000					
1050					
1100					
1150					
1200					

TYP 01/C

LH PL	1900	1950	2000	2050	2100
600					
650					
700					
750					
800					
850					
900					
950					
1000					
1050					
1100					
1150					
1200					

TYP 31/R-L

LH PL	1900	1950	2000	2050	2100
600					
650					
700					
750					
800					
850					
900					
950					
1000					
1050					
1100					
1150					

TYP 41/C

LH PL	1900	1950	2000	2050	2100
600					
650					
700					
750					
800					
850					
900					
950					
1000					
1050					
1100					
1150					



DOORS SUPPLIED DISASSEMBLED
PORTE FORNITE SMONTATE



COMPLETE (ON REQUEST DISASSEMBLED)
COMPLETE (SMONTATE A RICHIESTA)

HYDRA 3000 CAR DOORS AND LANDING DOORS PORTE DI CABINA E DI PIANO HYDRA 3000

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ECO DRIVE APPLICATION RANGE

TABELLA APPLICAZIONE MOTORIZZAZIONE ECO

STANDARD AND FIRE TESTED "E" CLASS PANELS

ANTE STANDARD E RESISTENTI AL FUOCO CLASSE "E"

LH PL	2000	2050	2100	2150	2200
600					
650					
700					
750					
800					
850					
900					
950					
1000					
1050					
1100					
1150					
1200					

TY 12/R-L

FOR TYP 11/R-L LANDING DOORS
WITH STANDARD, DOUBLE SKIN
AND FIRE TESTED "E" CLASS PANELS
PER PORTE DI PIANO TIPO 11/R-L CON
ANTE STANDARD, TAMBURATE E
RESISTENTI AL FUOCO CLASSE "E"

MAX. ALLOWABLE WEIGHT PESO MASSIMO AMMISSIBILE Landing and Car Door Panels Ante di cabina e ante di piano	
DRIVE MOTORIZZAZIONE	kg
ECO	130

CAR DOOR OVERALL DIMENSIONS
SEE PAGE 1.10

DIMENSIONI DI INGOMBRO PORTA
DI CABINA VEDI PAG. 1.10

LH PL	2000	2050	2100	2150	2200
600					
650					
700					
750					
800					
850					
900					
950					
1000					
1050					
1100					
1150					
1200					

TY 02/C

FOR TYP 01/C LANDING DOORS
WITH STANDARD, DOUBLE SKIN
AND FIRE TESTED "E" CLASS PANELS
PER PORTE DI PIANO TIPO 01/C CON
ANTE STANDARD, TAMBURATE E
RESISTENTI AL FUOCO CLASSE "E"

MAX. ALLOWABLE WEIGHT PESO MASSIMO AMMISSIBILE Landing and Car Door Panels Ante di cabina e ante di piano	
DRIVE MOTORIZZAZIONE	kg
ECO	130

CAR DOOR OVERALL DIMENSIONS
SEE PAGE 1.10

DIMENSIONI DI INGOMBRO PORTA
DI CABINA VEDI PAG. 1.10

LH PL	2000	2050	2100	2150	2200
600					
650					
700					
750					
800					
850					
900					
950					
1000					
1050					
1100					
1150					

TY 35/R-L

FOR TYP 31/R-L LANDING DOORS
WITH STANDARD, DOUBLE SKIN
AND FIRE TESTED "E" CLASS PANELS
PER PORTE DI PIANO TIPO 31/R-L CON
ANTE STANDARD, TAMBURATE E
RESISTENTI AL FUOCO CLASSE "E"

MAX. ALLOWABLE WEIGHT PESO MASSIMO AMMISSIBILE Landing and Car Door Panels Ante di cabina e ante di piano	
DRIVE MOTORIZZAZIONE	kg
ECO	130

CAR DOOR OVERALL DIMENSIONS
SEE PAGE 1.10

DIMENSIONI DI INGOMBRO PORTA
DI CABINA VEDI PAG. 1.10

LH PL	2000	2050	2100	2150	2200
600					
650					
700					
750					
800					
850					
900					
950					
1000					
1050					
1100					
1150					

TY 44/R

FOR TYP 41/C LANDING DOORS
WITH STANDARD, DOUBLE SKIN
AND FIRE TESTED "E" CLASS PANELS
PER PORTE DI PIANO TIPO 41/C CON
ANTE STANDARD, TAMBURATE E
RESISTENTI AL FUOCO CLASSE "E"

MAX. ALLOWABLE WEIGHT PESO MASSIMO AMMISSIBILE Landing and Car Door Panels Ante di cabina e ante di piano	
DRIVE MOTORIZZAZIONE	kg
ECO	130

CAR DOOR OVERALL DIMENSIONS
SEE PAGE 1.10

DIMENSIONI DI INGOMBRO PORTA
DI CABINA VEDI PAG. 1.10



HYDRA 3000 CAR DOORS AND LANDING DOORS PORTE DI CABINA E DI PIANO HYDRA 3000

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ECO DRIVE APPLICATION RANGE

TABELLA APPLICAZIONE MOTORIZZAZIONE ECO

STANDARD AND DOUBLE SKIN PANELS

ANTE STANDARD E TAMBURATE

LH PL	2000	2050	2100	2150	2200
600					
650					
700					
750					
800					
850					
900					
950					
1000					
1050					
1100					
1150					

TY 35/R-L

FOR TYP 31/R-L LANDING DOORS WITH
STANDARD AND DOUBLE SKIN PANELS
PER PORTE DI PIANO TIPO 31/R-L CON
ANTE STANDARD E TAMBURATE

MAX. ALLOWABLE WEIGHT
PESO MASSIMO AMMISSIBILE
Landing and Car Door Panels
Ante di cabina e ante di piano

DRIVE
MOTORIZZAZIONE

kg

ECO

130

CAR DOOR OVERALL DIMENSIONS
SEE PAGE 1.10

DIMENSIONI DI INGOMBRO PORTA
DI CABINA VEDI PAG. 1.10

LH PL	2000	2050	2100	2150	2200
600					
650					
700					
750					
800					
850					
900					
950					
1000					
1050					
1100					
1150					

TY 44/R

FOR TYP 41/C LANDING DOORS WITH
STANDARD AND DOUBLE SKIN PANELS
PER PORTE DI PIANO TIPO 41/C CON
ANTE STANDARD E TAMBURATE

MAX. ALLOWABLE WEIGHT
PESO MASSIMO AMMISSIBILE
Landing and Car Door Panels
Ante di cabina e ante di piano

DRIVE
MOTORIZZAZIONE

kg

ECO

130

CAR DOOR OVERALL DIMENSIONS
SEE PAGE 1.10

DIMENSIONI DI INGOMBRO PORTA
DI CABINA VEDI PAG. 1.10



HYDRA 3000 CAR DOORS AND LANDING DOORS PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 1.5

MIDI DRIVE APPLICATION RANGE

TABELLA APPLICAZIONE MOTORIZZAZIONE MIDI

FIRE TESTED "EI" CLASS PANELS

ANTE RESISTENTI AL FUOCO CLASSE "EI"

LH PL	2000	2050	2100	2150	2200
600					
650					
700					
750					
800					
850					
900					
950					
1000					
1050					
1100					
1150					
1200					

TY 12/R-L

FOR TYP 11/R-L LANDING DOORS WITH
FIRE TESTED "EI" CLASS PANELS
PER PORTE DI PIANO TIPO 11/R-L CON ANTE
RESISTENTI AL FUOCO CLASSE "EI"

MAX. ALLOWABLE WEIGHT
PESO MASSIMO AMMISSIBILE
Landing and Car Door Panels
Ante di cabina e ante di piano

DRIVE
MOTORIZZAZIONE

kg

MIDI

300

CAR DOOR OVERALL DIMENSIONS
SEE PAGE 1.10

DIMENSIONI DI INGOMBRO PORTA
DI CABINA VEDI PAG. 1.10 DI CABINA
VEDI PAG. 1.10

LH PL	2000	2050	2100	2150	2200
600					
650					
700					
750					
800					
850					
900					
950					
1000					
1050					
1100					
1150					
1200					

TY 02/C

FOR TYP 01/C LANDING DOORS WITH
FIRE TESTED "EI" CLASS PANELS
PER PORTE DI PIANO TIPO 01/C CON ANTE
RESISTENTI AL FUOCO CLASSE "EI"

MAX. ALLOWABLE WEIGHT
PESO MASSIMO AMMISSIBILE
Landing and Car Door Panels
Ante di cabina e ante di piano

DRIVE
MOTORIZZAZIONE

kg

MIDI

300

CAR DOOR OVERALL DIMENSIONS
SEE PAGE 1.10

DIMENSIONI DI INGOMBRO PORTA
DI CABINA VEDI PAG. 1.10

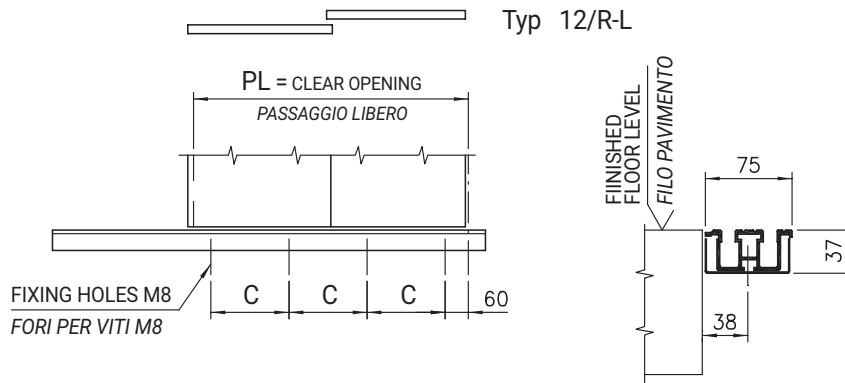
HYDRA 3000 CAR DOORS AND LANDING DOORS

PORTE DI CABINA E DI PIANO HYDRA 3000

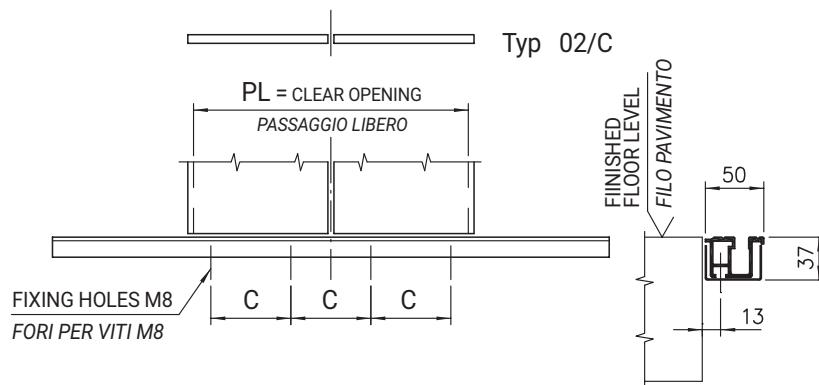
Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 1.5.1

HYDRA 3000 PLUS BOTTOM FIXINGS FOR CAR SILLS

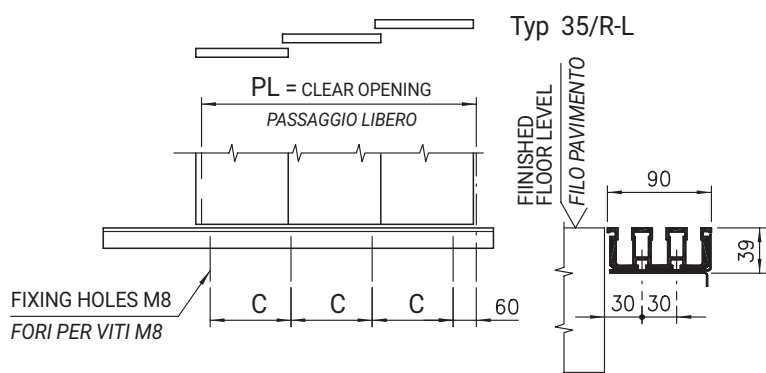
FISSAGGI INFERIORI SOGLIE CABINA HYDRA 3000 PLUS



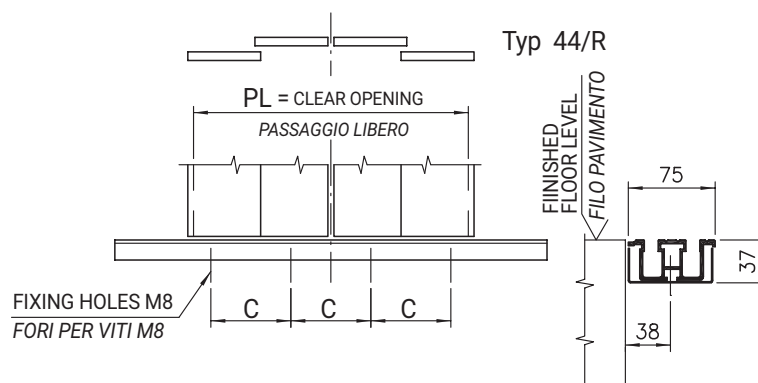
PL	C
600	220
650	
700	
750	
800	250
850	
900	
950	300
1000	
1050	
1100	390
1150	
1200	



PL	C
600	250
650	
700	
750	
800	
850	
900	400
950	
1000	
1050	
1100	550
1150	
1200	



PL	C
600	220
650	
700	
750	
800	250
850	
900	
950	300
1000	
1050	
1100	390
1150	



PL	C
600	208
650	
700	
750	
800	275
850	
900	
950	308
1000	
1050	
1100	358
1150	

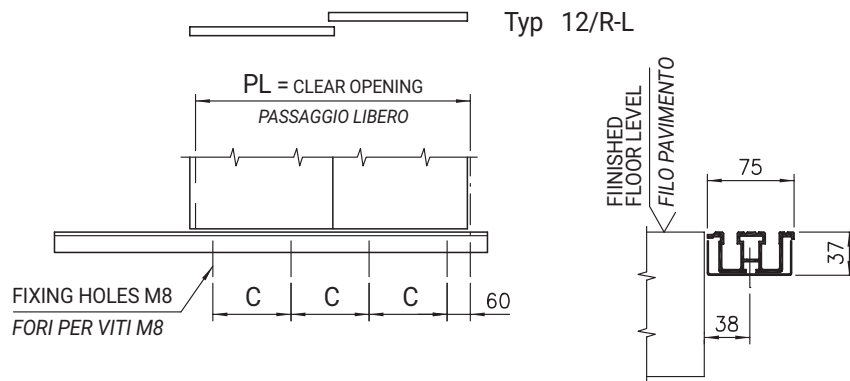
HYDRA 3000 CAR DOORS AND LANDING DOORS

PORTE DI CABINA E DI PIANO HYDRA 3000

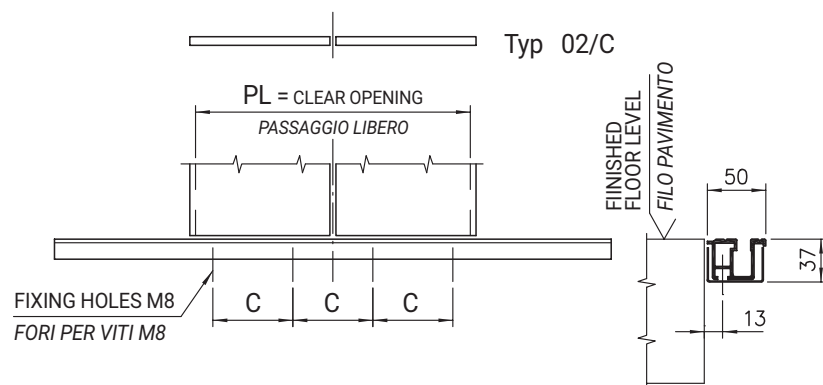
Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 1.5.2

ECO-PIUMA BOTTOM FIXINGS FOR CAR SILLS

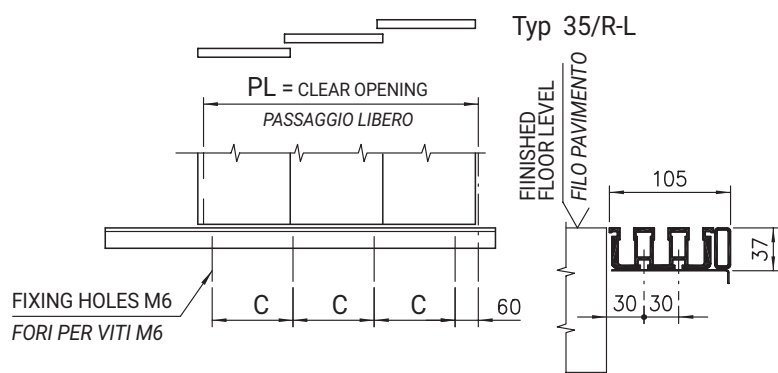
FISSAGGI INFERIORI SOGLIE CABINA ECO-PIUMA



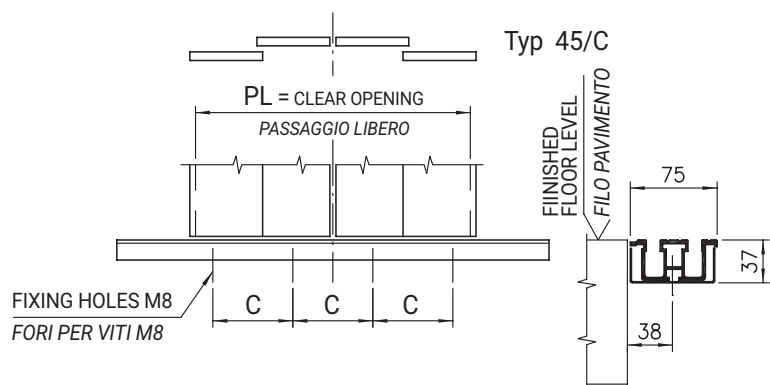
PL	C
600 ÷ 650	208
700 ÷ 900	275



PL	C
600 ÷ 750	250
800 ÷ 900	400



PL	C
700 ÷ 900	275



PL	C
600 ÷ 650	208
700 ÷ 900	275

HYDRA 3000 CAR DOORS AND LANDING DOORS

PORTE DI CABINA E DI PIANO HYDRA 3000

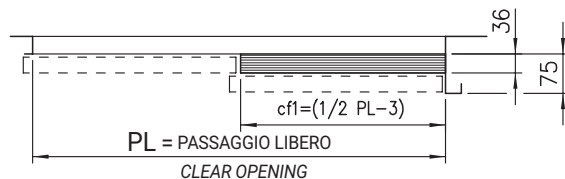
Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 1.5.3

UPPER COVER FISSURE DIMENSION SCHEDULE - CAR DOORS

TABELLA DIMENSIONI COPRIFESSURA SUPERIORI - PORTE DI CABINA

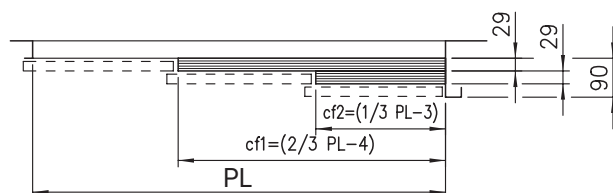
Dimensions valid only for painted or clad (material thickness ≤ 1 mm) doors
Dimensioni valide solo per porte verniciate o rivestite con materiali di spessore ≤ 1 mm

STANDARD DOORS PORTE STANDARD



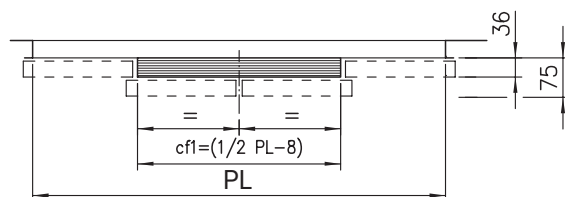
Typ 12/R-L

PL	cf1	PL	cf1
600	297	950	472
650	322	1000	497
700	347	1050	522
750	372	1100	547
800	397	1150	572
850	422	1200	597
900	447		



Typ 35/R-L

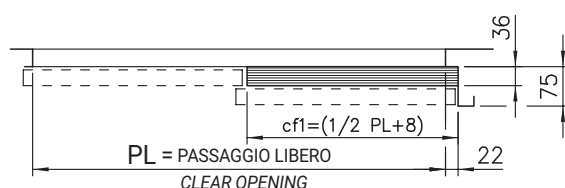
PL	cf1	cf2	PL	cf1	cf2
600	396	197	900	596	297
650	429	214	950	629	314
700	463	231	1000	663	331
750	496	247	1050	696	347
800	529	264	1100	729	364
850	563	281	1150	763	381



Typ 44/R

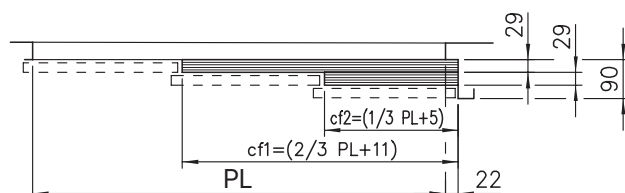
PL	cf1	PL	cf1
600	292	900	442
650	317	950	467
700	342	1000	492
750	367	1050	517
800	392	1100	542
850	417	1150	567

DOORS WITH RUNBY PORTE CON EXTRACORSA



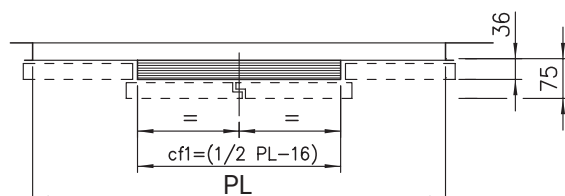
Typ 12/R-L

PL	cf1	PL	cf1
600	308	950	483
650	333	1000	508
700	358	1050	533
750	383	1100	558
800	408	1150	583
850	433	1200	608
900	458		



Typ 35/R-L

PL	cf1	cf2	PL	cf1	cf2
600	411	205	900	611	305
650	444	221	950	644	321
700	478	238	1000	678	338
750	511	255	1050	711	355
800	544	271	1100	744	371
850	578	288	1150	778	388



Typ 44/R

PL	cf1	PL	cf1
600	284	900	434
650	309	950	459
700	334	1000	484
750	359	1050	509
800	384	1100	534
850	409	1150	559



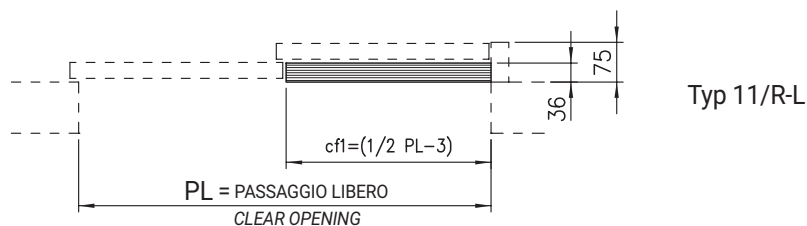
HYDRA 3000 CAR DOORS AND LANDING DOORS PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 1.6

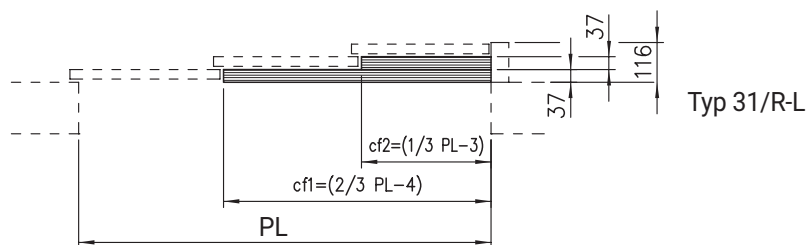
UPPER COVER FISSURE DIMENSION SCHEDULE - LANDING DOORS TABELLA DIMENSIONI COPRIFESSURA SUPERIORI - PORTE DI PIANO

Dimensions valid only for painted or cladged (material thickness ≤ 1 mm) doors
Dimensioni valide solo per porte verniciate o rivestite con materiali di spessore ≤ 1 mm

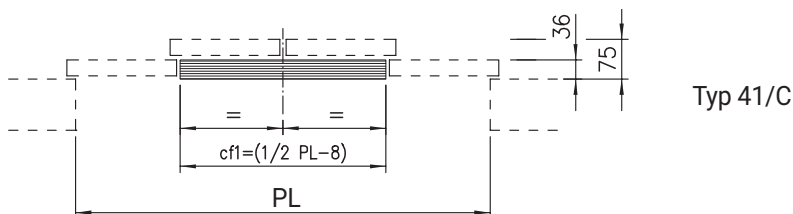
STANDARD DOORS PORTE STANDARD



PL	cf1	PL	cf1
600	297	950	472
650	322	1000	497
700	347	1050	522
750	372	1100	547
800	397	1150	572
850	422	1200	597
900	447		

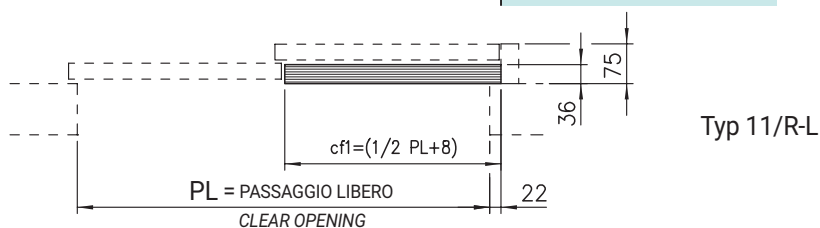


PL	cf1	cf2	PL	cf1	cf2
600	396	197	900	596	297
650	429	214	950	629	314
700	463	231	1000	663	331
750	496	247	1050	696	347
800	529	264	1100	729	364
850	563	281	1150	763	381

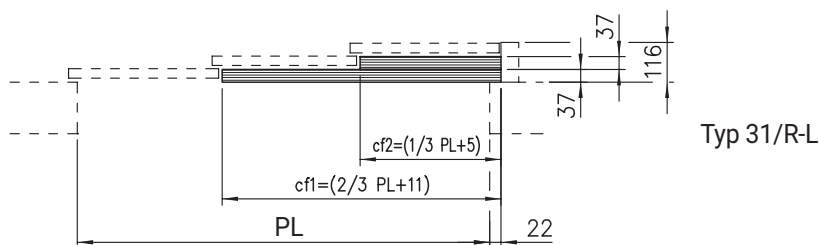


PL	cf1	PL	cf1
600	292	900	442
650	317	950	467
700	342	1000	492
750	367	1050	517
800	392	1100	542
850	417	1150	567

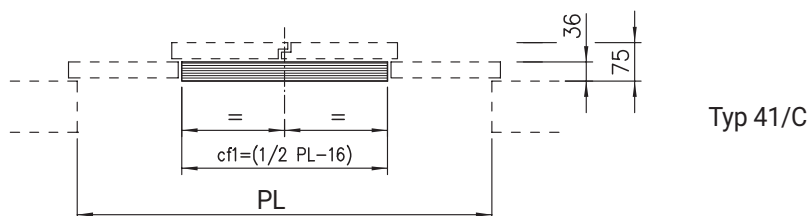
DOORS WITH RUNBY PORTE CON EXTRACORSA



PL	cf1	PL	cf1
600	308	950	483
650	333	1000	508
700	358	1050	533
750	383	1100	558
800	408	1150	583
850	433	1200	608
900	458		



PL	cf1	cf2	PL	cf1	cf2
600	411	205	900	611	305
650	444	221	950	644	321
700	478	238	1000	678	338
750	511	255	1050	711	355
800	544	271	1100	744	371
850	578	288	1150	778	388



PL	cf1	PL	cf1
600	284	900	434
650	309	950	459
700	334	1000	484
750	359	1050	509
800	384	1100	534
850	409	1150	559

Subject to change without notice!

Soggetto a modifica senza preavviso!

HYDRA 3000 CAR DOORS AND LANDING DOORS

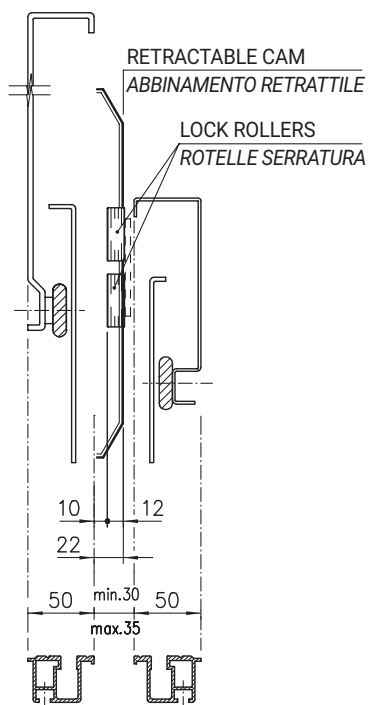
PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 1.7

HYDRA 3000 LANDING AND HYDRA 3000 PLUS CAR DOORS ARRANGEMENT

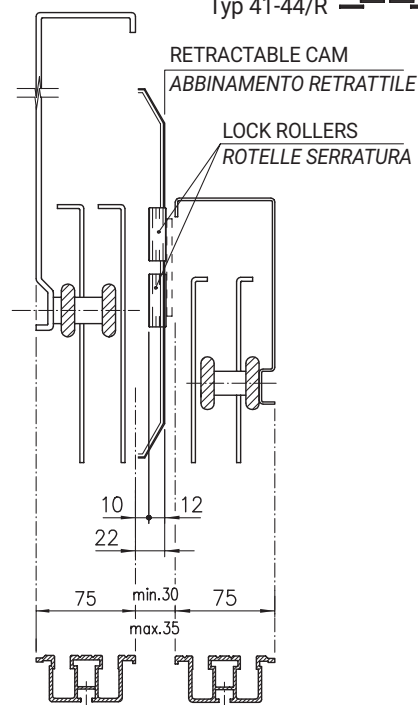
ACCOPPIAMENTO OPERATORI HYDRA 3000 PLUS E SOSPENSIONI HYDRA 3000

Typ 01-02/C —

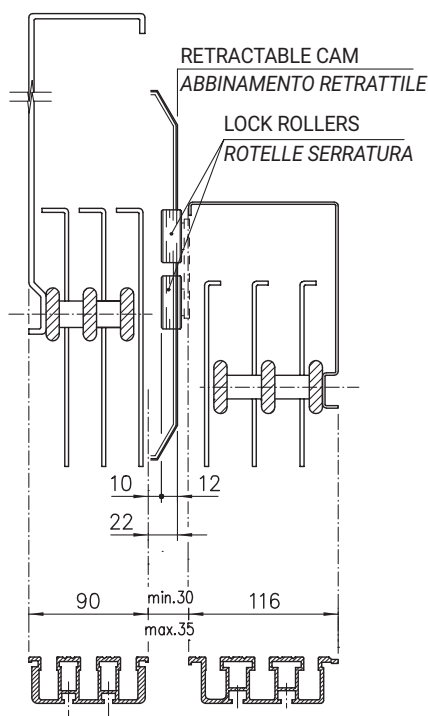


Typ 11-12/R-L —

Typ 41-44/R —



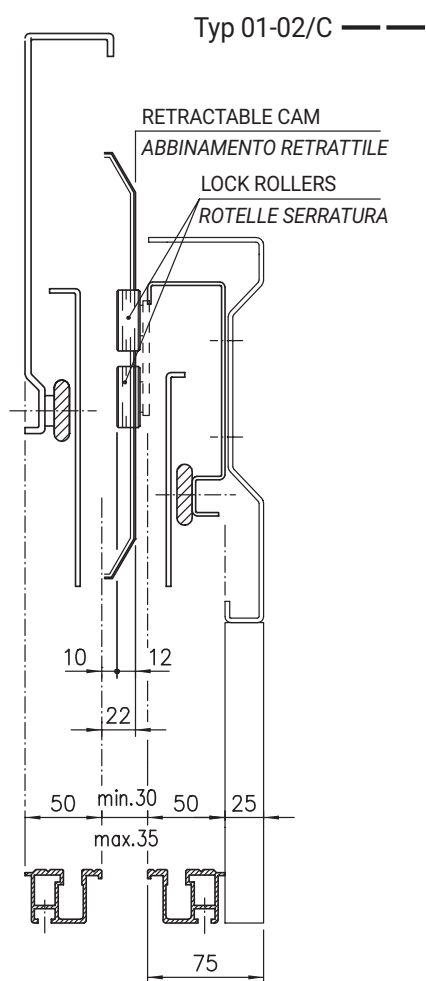
Typ 31-35/R-L —



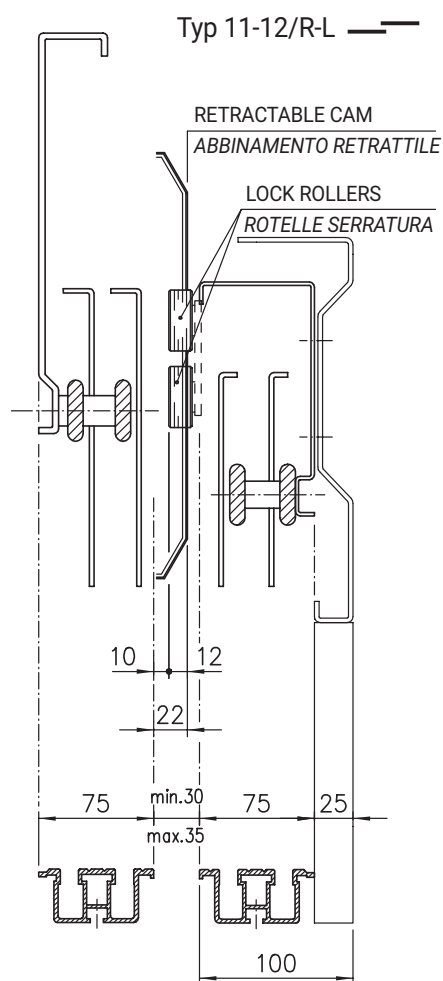
HYDRA 3000 CAR DOORS AND LANDING DOORS PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 1.8

HYDRA 3000 LANDING DOORS AND HYDRA 3000 PLUS CAR DOORS ARRANGEMENT ACCOPPIAMENTO OPERATORI HYDRA 3000 PLUS E SOSPENSIONI HYDRA 3000



HYDRA 3000 PLUS CAR DOOR TYP 02/C
OPERATORE HYDRA 3000 PLUS TIPO 02/C



HYDRA 3000 PLUS CAR DOOR TYP 12/R-L
OPERATORE HYDRA 3000 PLUS TIPO 12/R-L

HYDRA 3000 LANDING DOOR TYP 01/C FIRE-CUTTING SOSPENSIONE HYDRA 3000 TIPO 01/C TAGLIAFUOCO

HYDRA 3000 LANDING DOOR TYP 11/R-L FIRE-CUTTING SOSPENSIONE HYDRA 3000 TIPO 11/R-L TAGLIAFUOCO

HYDRA 3000 CAR DOORS AND LANDING DOORS

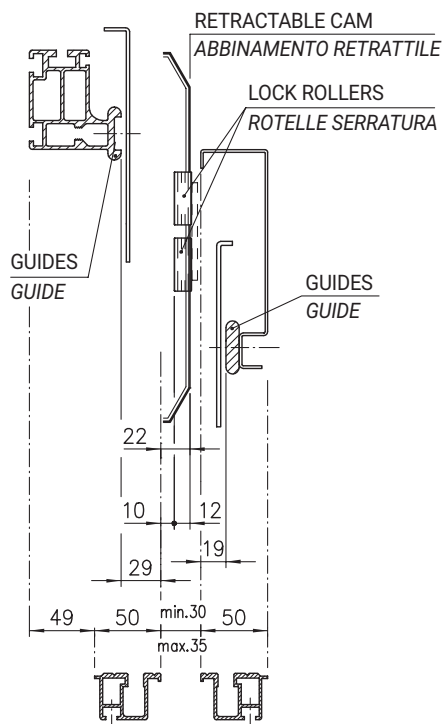
PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 1.9

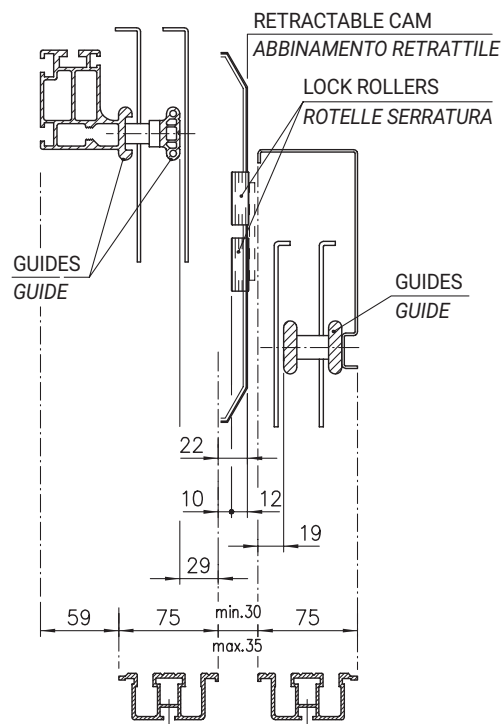
HYDRA 3000 LANDING AND PIUMA BELT CAR DOORS ARRANGEMENT

ACCOPPIAMENTO OPERATORI A CINGHIA PIUMA E SOSPENSIONI HYDRA 3000

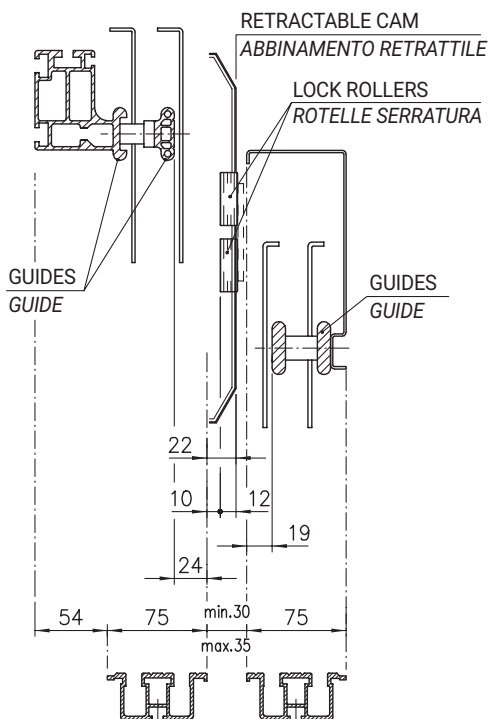
Typ 01-02/C



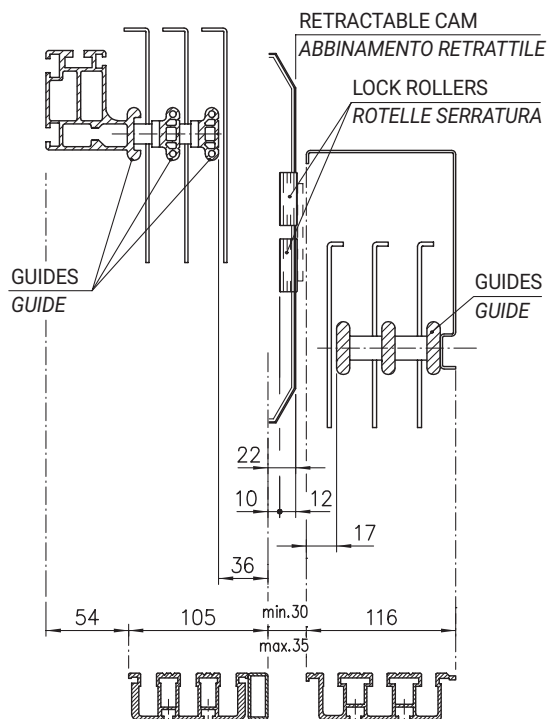
Typ 11-12/R-L



Typ 41/C-45/C



Typ 31-35/R-L



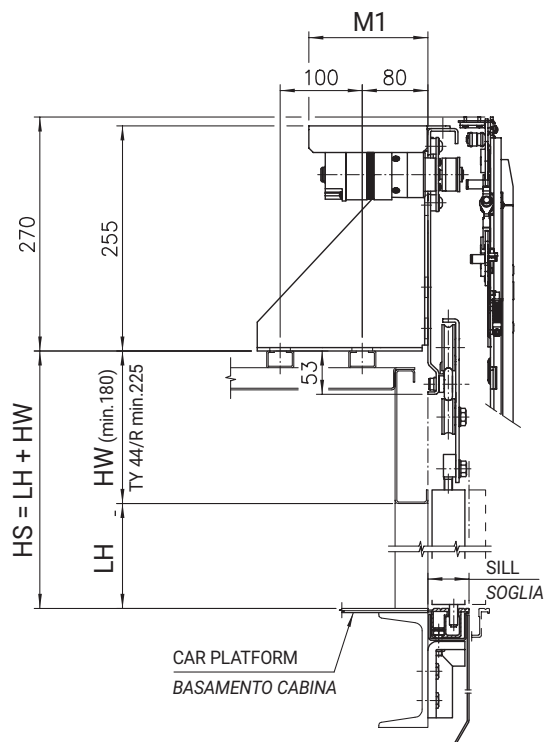
HYDRA 3000 CAR DOORS AND LANDING DOORS

PORTE DI CABINA E DI PIANO HYDRA 3000

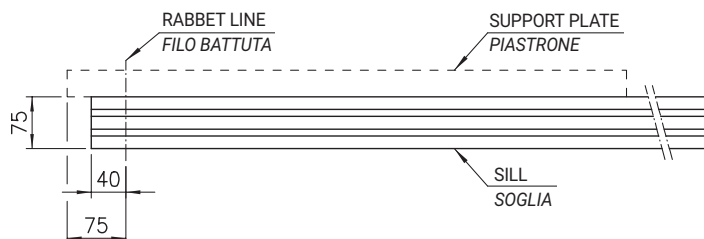
Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 1.10

HYDRA 3000 PLUS OPERATORS C-PROFILE FIXING POSITION

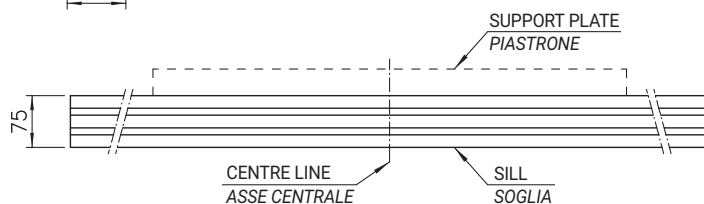
POSIZIONAMENTO FISSAGGI CON CANALETTE OPERATORI HYDRA 3000 PLUS



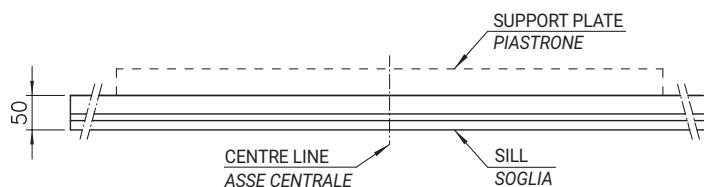
	M1
ECO	135
MIDI	180



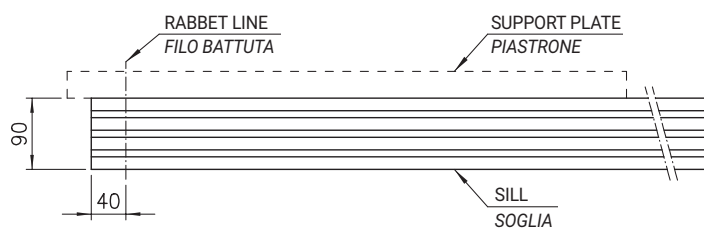
Tipo
Typ
12/R-L —



Tipo
Typ
44/R —



Tipo
Typ
02/C —



Tipo
Typ
35/R-L —



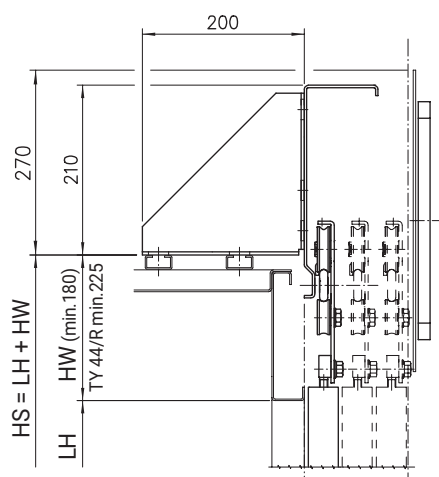
HYDRA 3000 CAR DOORS AND LANDING DOORS

PORTE DI CABINA E DI PIANO HYDRA 3000

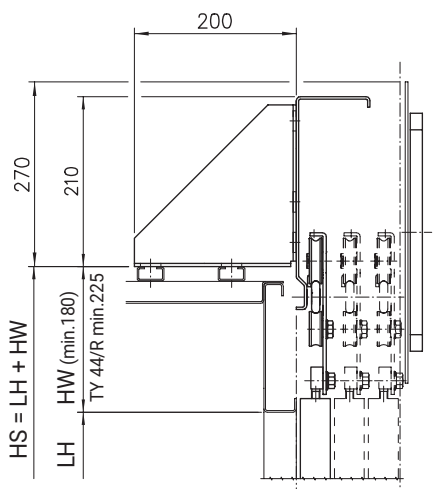
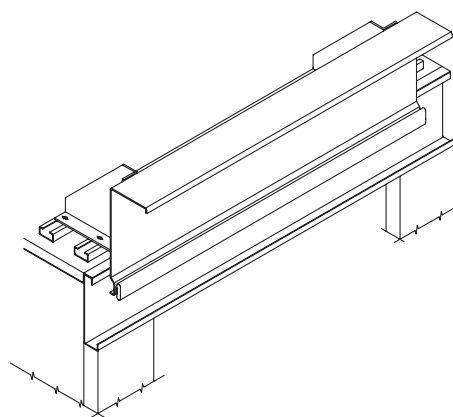
Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 1.11

CAR DOOR OVERALL DIMENSIONS

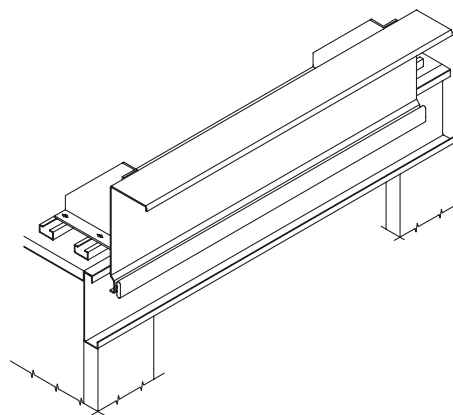
DIMENSIONI D'INGOMBRO PORTA DI CABINA



ECO	
DOOR TYPE TIPO PORTA	
12/R-L	—
02/C	—
35/R-L	—
44/R	—



MIDI	
DOOR TYPE TIPO PORTA	
12/R-L	—
02/C	—



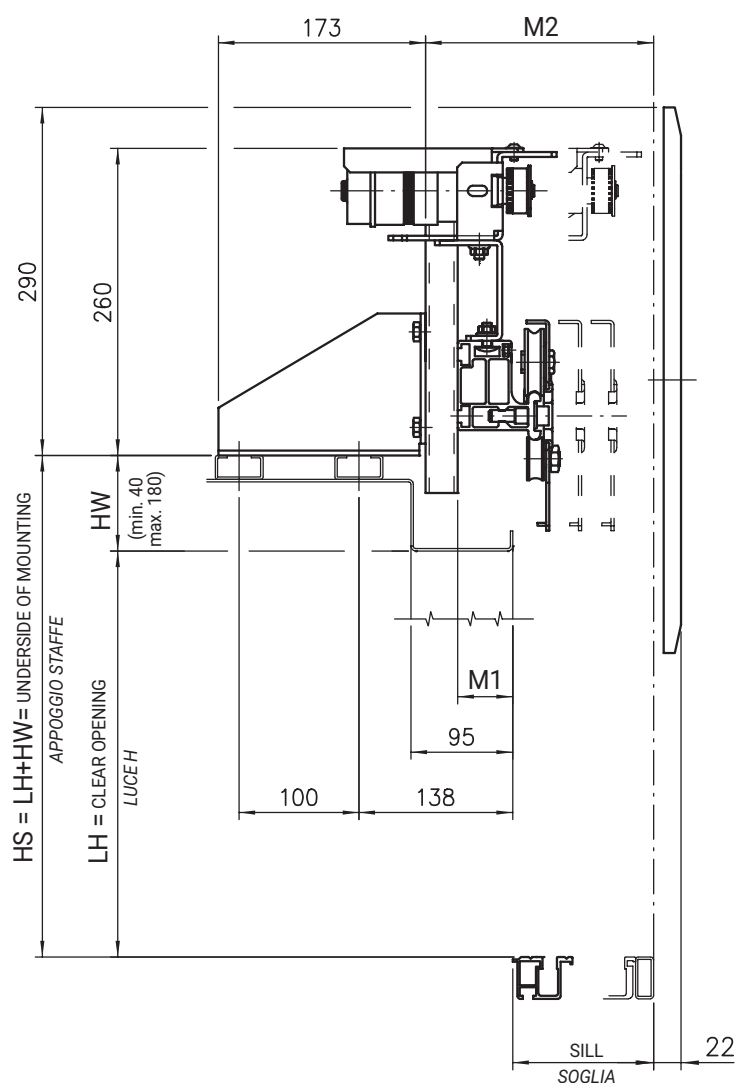
HYDRA 3000 CAR DOORS AND LANDING DOORS

PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 1.12

SUPPORT-PLATES EXECUTIONS FOR PIUMA BELT OPERATORS

ESECUZIONI PIASTRONI PER OPERATORI A CINGHIA PIUMA



TYP TIPO	M1	M2
02/C --	46	123
12/R-L --		
33-35/R-L --	58	160
44-45/C --		190



HYDRA 3000 CAR DOORS AND LANDING DOORS PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 1.13

TABLES FOR EN81-58 DOORS EXECUTIONS TABELLE PER ESECUZIONI PORTE EN81-58

TYP 11/R-L

CERTIFIED DIMENSIONS DIMENSIONI CERTIFICATE							
FRAMED EXECUTION REF. PAGE 2.4.2 ESECUZIONE CON STIPITI RIF. PAG. 2.4.2				FRAMED EXECUTION REF. PAGE 2.8 ESECUZIONE CON STIPITI RIF. PAG. 2.8			
Validity Validità Europe Europa	PL 600 ÷ 1200	LH ≤ 2100	Form Classe E120	Validity Validità Europe Europa	PL 600 ÷ 1200	LH ≤ 2100	Form Classe E60

TYP 01/C

CERTIFIED DIMENSIONS DIMENSIONI CERTIFICATE							
FRAMED EXECUTION REF. PAGE 3.4.2 ESECUZIONE CON STIPITI RIF. PAG. 3.4.2				FRAMED EXECUTION REF. PAGE 3.8 ESECUZIONE CON STIPITI RIF. PAG. 3.8			
Validity Validità Europe Europa	PL 600 ÷ 1200	LH ≤ 2100	Form Classe E120	Validity Validità Europe Europa	PL 600 ÷ 1200	LH ≤ 2100	Form Classe E60

TYP 31/R-L

CERTIFIED DIMENSIONS DIMENSIONI CERTIFICATE			
FRAMED EXECUTION REF. PAGE 4.4.2 ESECUZIONE CON STIPITI RIF. PAG. 4.4.2			
Validity Validità Europe Europa	PL 600 ÷ 1150	LH ≤ 2100	Form Classe E120

TYP 41/C

CERTIFIED DIMENSIONS DIMENSIONI CERTIFICATE			
FRAMED EXECUTION REF. PAGE 5.4.2 ESECUZIONE CON STIPITI RIF. PAG. 5.4.2			
Validity Validità Europe Europa	PL 600 ÷ 1150	LH ≤ 2100	Form Classe E120



HYDRA 3000 CAR DOORS AND LANDING DOORS PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 1.14

TABLES FOR EN81-58 DOORS EXECUTIONS TABELLE PER ESECUZIONI PORTE EN81-58

TYP 11/R-L

CERTIFIED DIMENSIONS DIMENSIONI CERTIFICATE

FRAMED EXECUTION REF. PAGE 2.7
ESECUZIONE CON STIPITI RIF. PAG. 2.7

Country Nazione	PL	LH	Form Classe
Europe Europa	600 ÷ 1200	≤ 2100	EI 60

TYP 01/C

CERTIFIED DIMENSIONS DIMENSIONI CERTIFICATE

ESECUZIONE CON STIPITI RIF. PAG. 3.7
FRAMED EXECUTION REF. PAGE 3.7

Country Nazione	PL	LH	Form Classe
Europe Europa	600 ÷ 1200	≤ 2100	EI 60

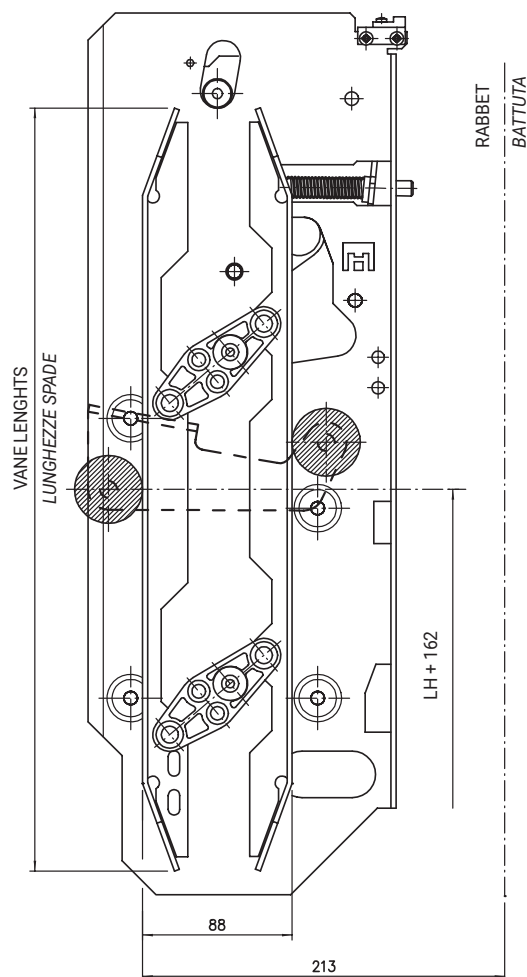
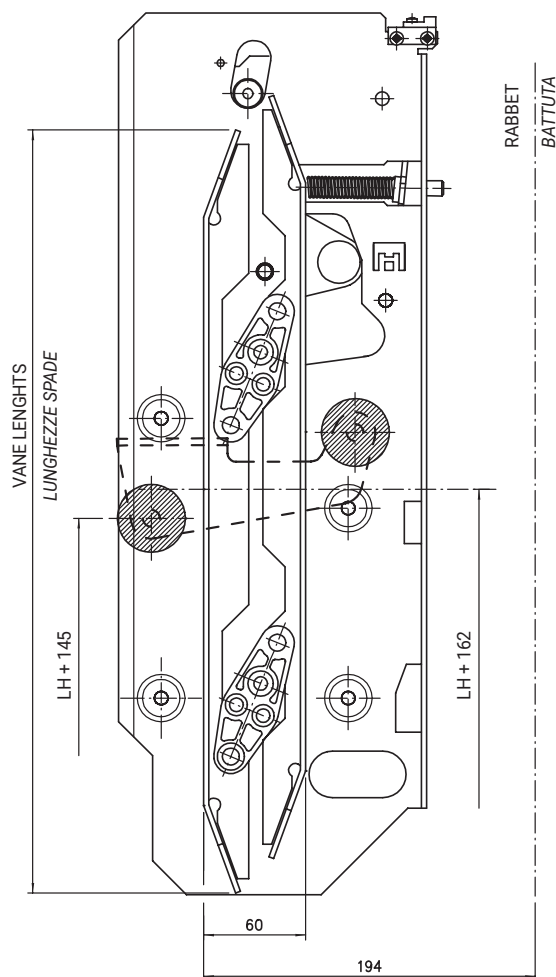
HYDRA 3000 CAR DOORS AND LANDING DOORS

PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 1.15

CAR DOOR AND LANDING DOOR ARRANGEMENT WITH STANDARD COUPLER

ACCOPPIAMENTO PORTA DI CABINA E PORTA DI PIANO CON ABBINAMENTO STANDARD



CAR SILL LINE
FILO SOGLIA CABINA

LANDING SILL LINE
FILO SOGLIA PIANO

CLOSED VANES
SPADE CHIUSE

HYDRA 3000 CAR DOORS AND LANDING DOORS

PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 1.16

CAR DOOR AND LANDING DOOR ARRANGEMENT WITH COUPLER WITH CAR DOOR LOCK

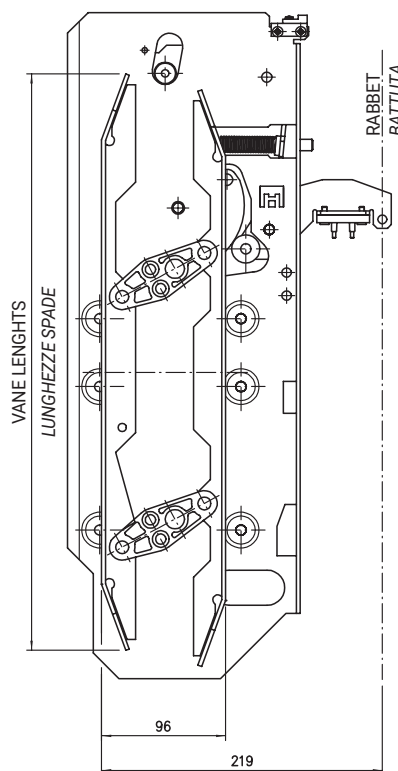
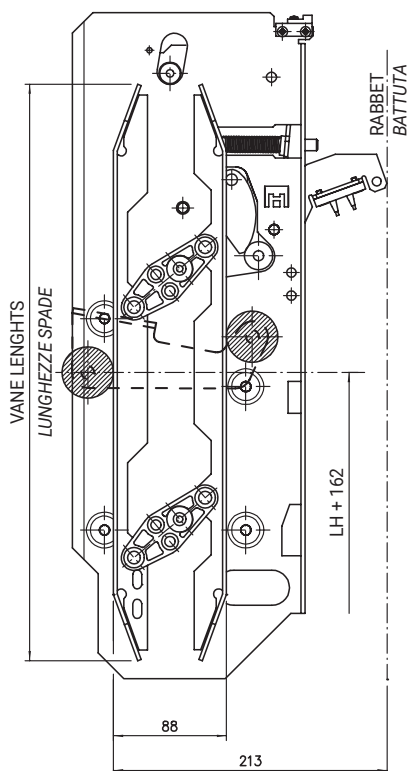
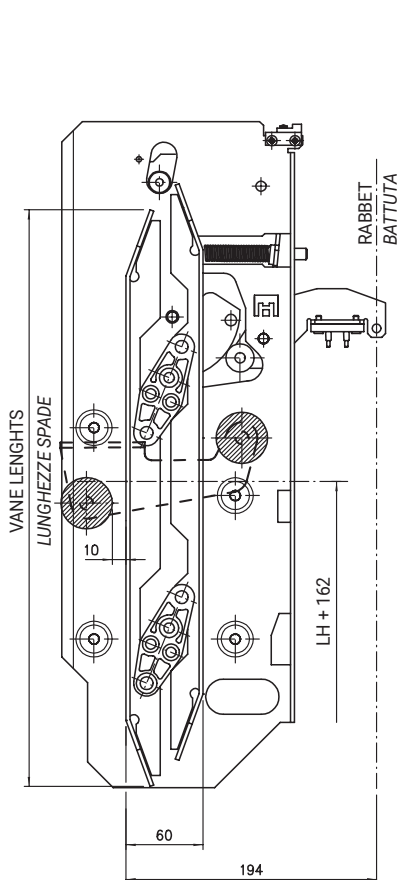
ACCOPPIAMENTO PORTA DI CABINA E PORTA DI PIANO CON ABBINAMENTO CON BLOCCAGGIO FUORI PIANO

Car stops in landing door zone:
The rollers are detected. They operate the lock vane and the latch opens.

*Cabina ferma in zona porta di piano:
Le rotelle sono rilevate. Esse liberano il blocco e il gancio si apre.*

Car stops out of landing door zone:
No rollers are detected. The lock vane is not touched and the latch keeps closed.

*Cabina ferma fuori zona porta di piano:
La spada non rileva le rotelle.
Il gancio rimane chiuso.*



CAR SILL LINE
FILO SOGLIA CABINA

LANDING SILL LINE
FILO SOGLIA PIANO

CLOSED VANES
SPADE CHIUSE

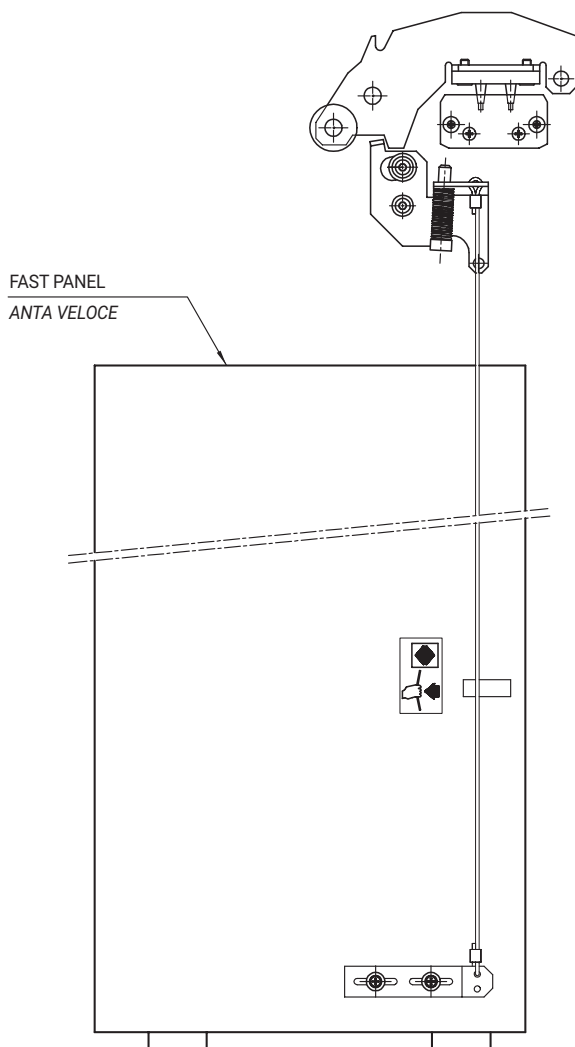
HYDRA 3000 CAR DOORS AND LANDING DOORS PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 1.17

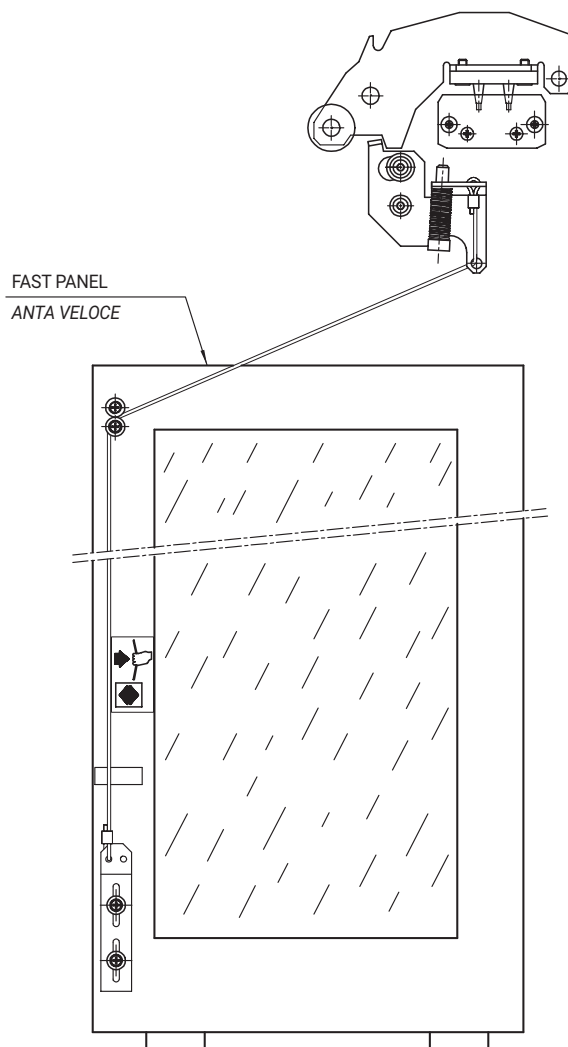
EMERGENCY OPENING DEVICE FOR COUPLER WITH CAR DOOR LOCK

DISPOSITIVO DI APERTURA DI EMERGENZA CON ABBINAMENTO CON BLOCCAGGIO FUORI PIANO

STANDARD PANELS ANTE STANDARD



GLASS AND GLASS-FRAMED PANELS ANTE IN VETRO E VETRATE



The rope of the car door emergency opening device is fixed to the bottom end of the door panel.
By pulling the rope, the car door lock is unlocked.

La fune del dispositivo di apertura di emergenza della porta di cabina è fissata all'estremità inferiore dell'anta. Tirando la fune la serratura della porta si sblocca.



HYDRA 3000 CAR DOORS AND LANDING DOORS PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
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Page/Pagina 2.1

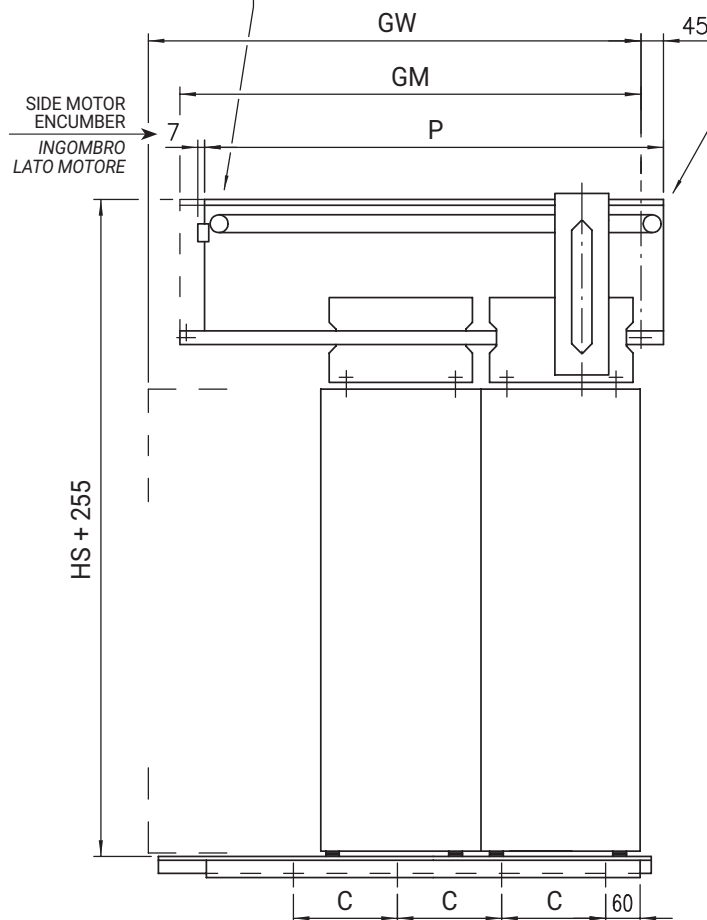
TWO PANELS TELESCOPIC CAR DOOR, TYP 12/R-L PL=600÷1200
PORTA DI CABINA TELESCOPICA 2 ANTE, TIPO 12/R-L PL=600÷1200

NOTE

FOR APPLICATION OF ECO-MIDI DRIVE SEE PAGE 1.4 - 1.4.2
APPLICAZIONE MOTORIZZAZIONE ECO-MIDI SECONDO PAGINA 1.4 - 1.4.2

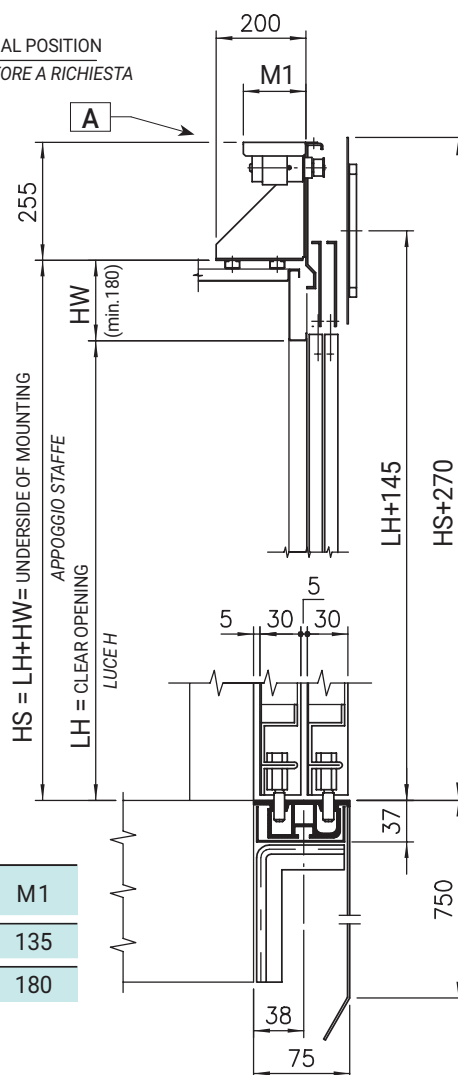
A DETAIL ON PAGE 1.10
DETTAGLIO PAG. 1.10

MOTOR STANDARD POSITION
POSIZIONE MOTORE STANDARD

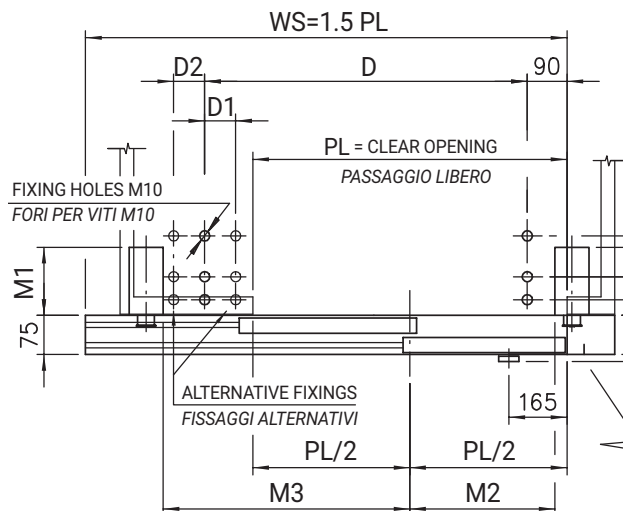


MOTOR OPTIONAL POSITION
POSIZIONE MOTORE A RICHIESTA

FOR SCHEDULE SEE PAGE 2.1.t
TABELLA VARIABILI A PAG. 2.1.t

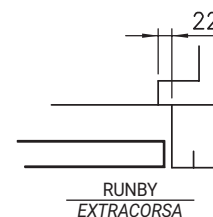


	M1
ECO	135
MIDI	180



OPTIONAL CHANGING
VARIANTE A RICHIESTA

LEFT HAND PORTA SX	AS DRAWN A DISEGNO
RIGHT HAND PORTA DX	SYMMETRICALLY OPPOSITE SIMMETRICA





HYDRA 3000 CAR DOORS AND LANDING DOORS PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
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Page/Pagina 2.2

TWO PANELS TELESCOPIC CAR DOOR, TYP 12/R-L PL=600÷1800
PORTA DI CABINA TELESCOPICA 2 ANTE, TIPO 12/R-L PL=600÷1800

	PL	TOTAL WEIGHT PESO TOTALE kg LH=2000	C	D	D1	D2	GW	WS	GM	P
*	600	76	250	772	217	/	925	900	1005	1050
*	650	78					1000	975		
	700	79					1075	1050		
*	750	81					1150	1125		
	800	83					1225	1200		
	850	85	400	822	157	/	1300	1275	1270	1255
*	900	93					1375	1350		
	950	94					1450	1425		
	1000	105					1525	1500		
	1050	106					1600	1575		
	1100	107					1675	1650		
	1150	108					1750	1725		
*	1200	117	550	1272	/	225	1825	1800	1835	1870

* ATTENTION: GM > GW
* ATTENZIONE: GM > GW

PL	M2	M3
600	208	640
650	305	615
700	330	640
750	355	720
800	380	745
850	405	720
900	430	860
950	455	835
1000	480	885
1050	505	860
1100	530	895
1150	555	870
1200	580	1160

HYDRA 3000 CAR DOORS AND LANDING DOORS

PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice **TC.2.000075.EN**
 Version/Versione **H**
 Date/Data **03.07.2023**
 Page/Pagina **2.3**

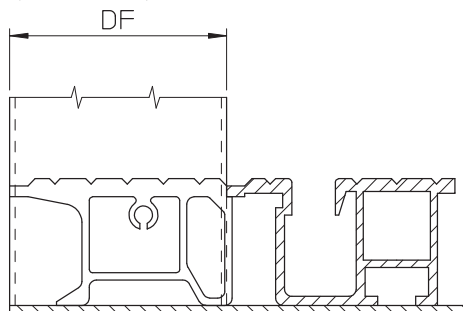


COVER SILL VARIANT

VARIANTI COPRISOGLIA

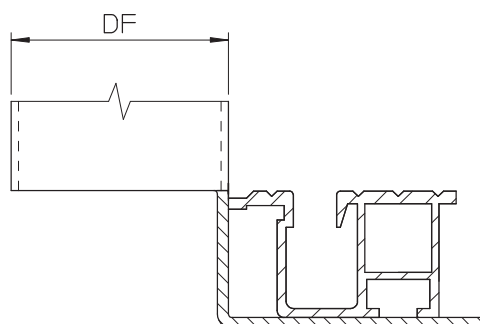
COVER SILL TYPE "PARMA" VARIANT (STANDARD)

VARIANTI COPRISOGLIA TIPO "PARMA" (STANDARD)



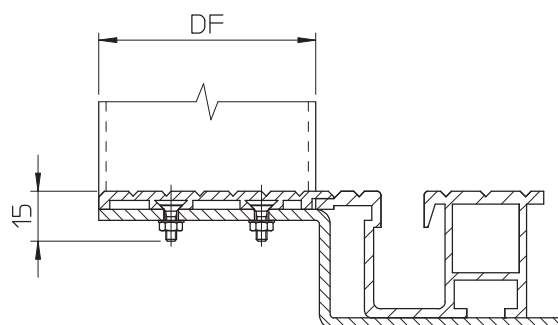
FLOOR LINE FRAME VARIANT

VARIANTE FILO PAVIMENTO

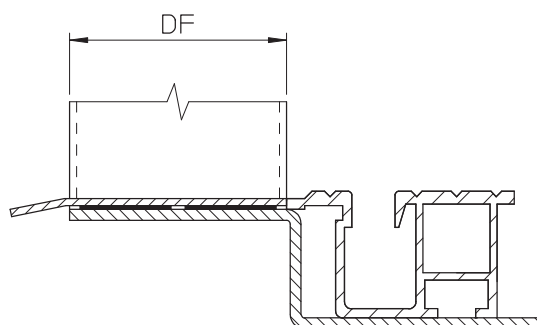


COVER SILL TYPE "BERLIN" VARIANT (STANDARD)

VARIANTI COPRISOGLIA TIPO "BERLINO" (STANDARD)



ALUMINIUM
ALLUMINIO



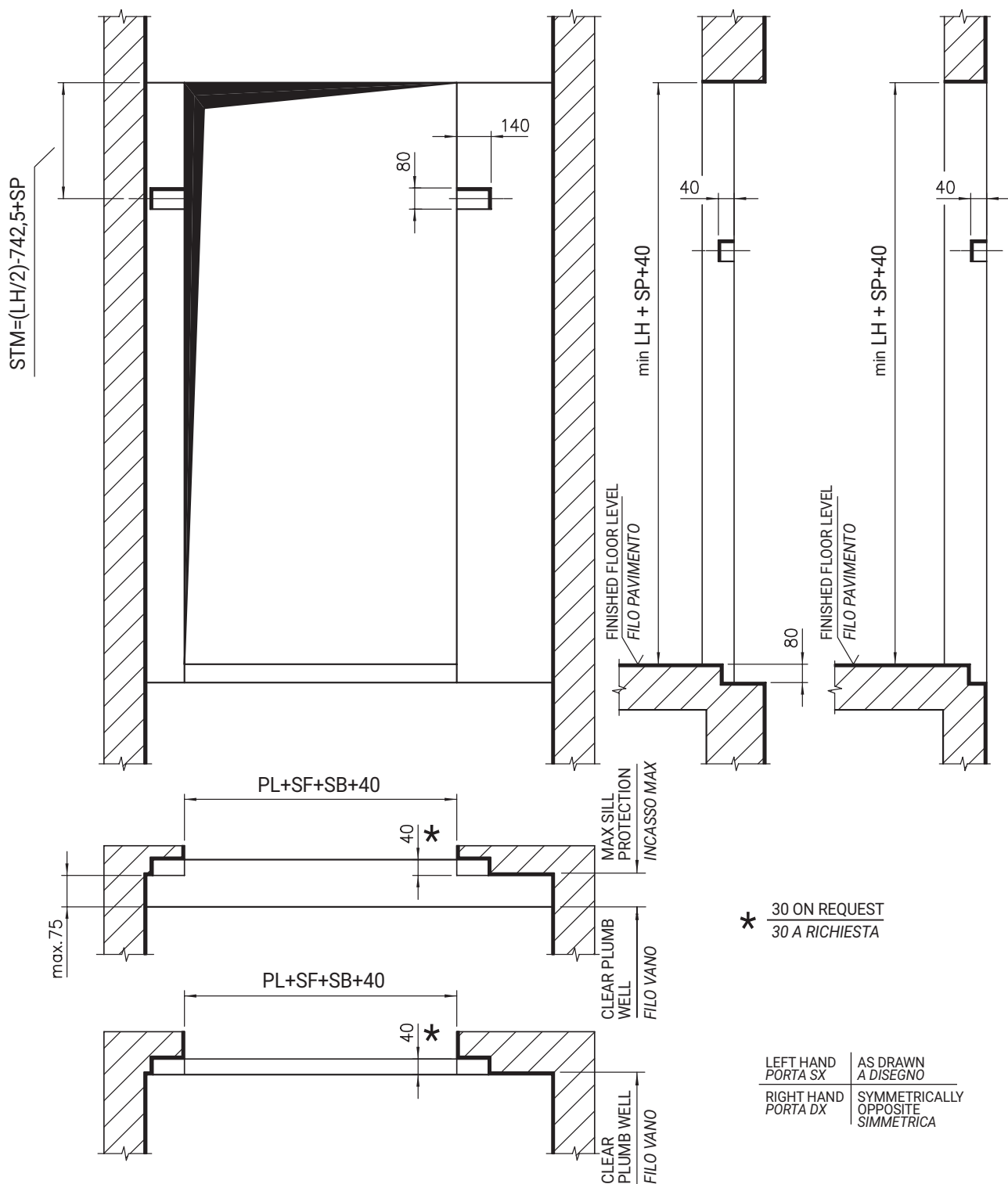
STAINLESS STEEL
ACCIAIO

HYDRA 3000 CAR DOORS AND LANDING DOORS

PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 2.4.1

SHAFT WALL FOR TWO PANELS TELESCOPIC LANDING DOOR, TYP 11/R-L
VANO MURATURA PER PORTA TELESCOPICA 2 ANTE, TIPO 11/R-L

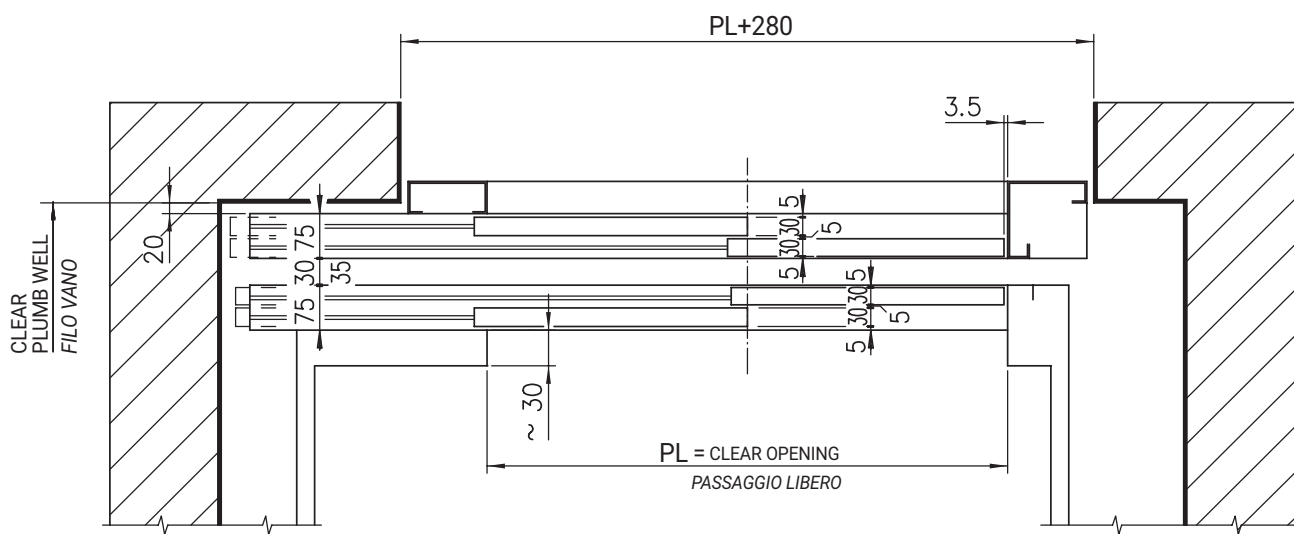


HYDRA 3000 CAR DOORS AND LANDING DOORS
PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 2.4.2

ARRANGEMENT FOR TWO PANELS TELESCOPIC DOOR, HYDRA3000 TYP 11/R-L ECO-PIUMA TYP 12/R-L
 ACCOPPIAMENTO PER PORTA TELESCOPICA 2 ANTE

3201 - HYDRA3000, TYP 11/R-L

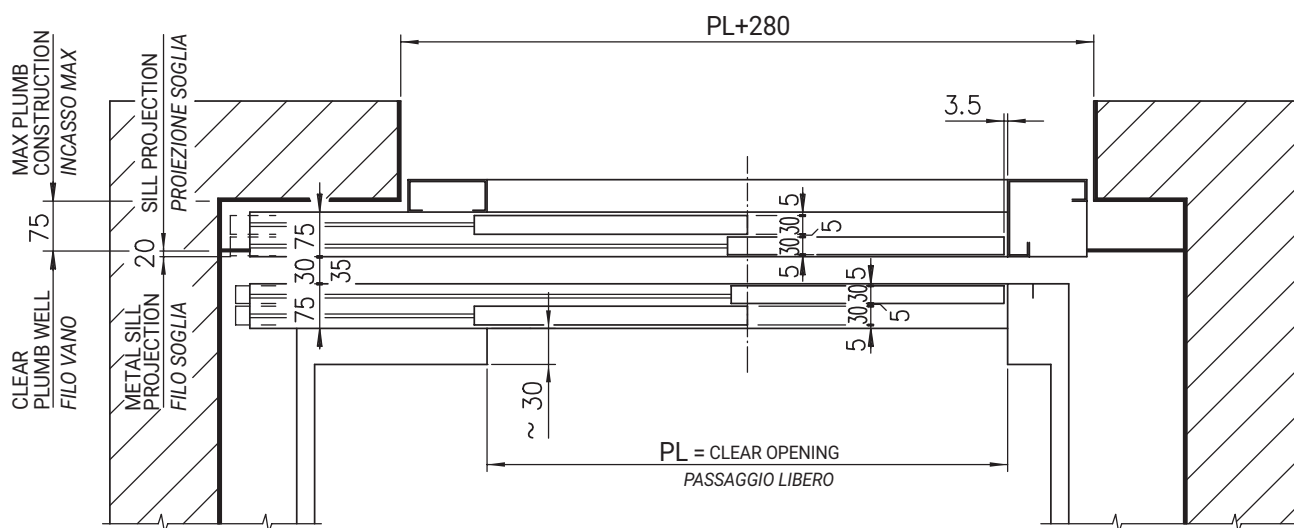


3201 - ECO-PIUMA, TYP 12/R-L

WALL INSTALLATION

MONTAGGIO A SBALZO

3201 - HYDRA3000, TYP 11/R-L



3201 - ECO-PIUMA, TYP 12/R-L

NICHE INSTALLATION
MONTAGGIO IN NICCHIA

RIGHT HAND PORTA DX	AS DRAWN A DISEGNO
LEFT HAND PORTA SX	SYMMETRICALLY OPPOSITE SIMMETRICA

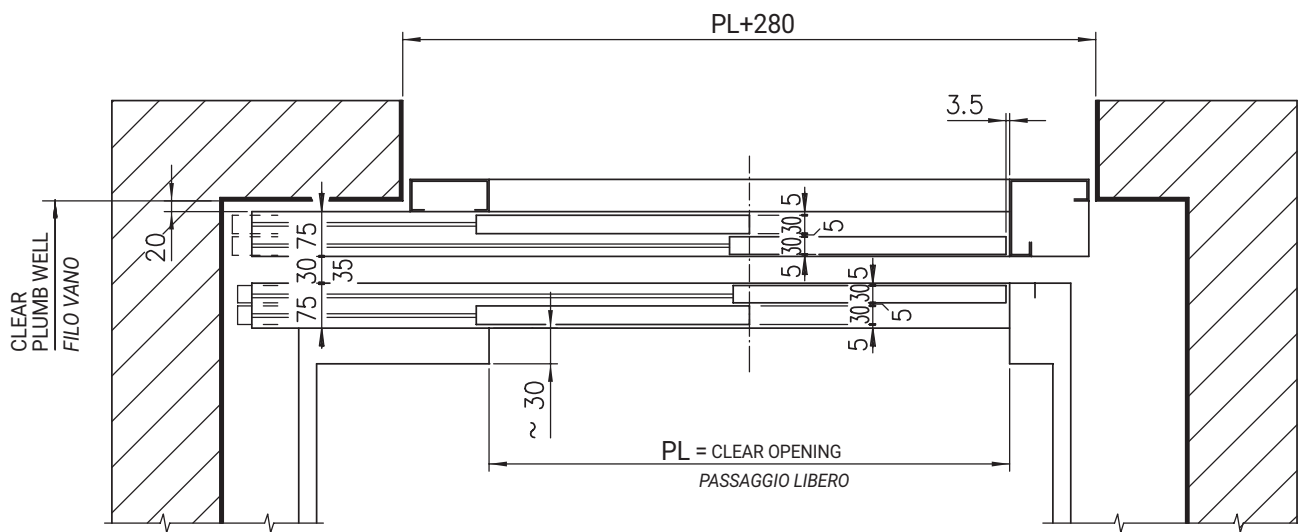


HYDRA 3000 CAR DOORS AND LANDING DOORS PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 2.4.3

ARRANGEMENT FOR TWO PANELS TELESCOPIC DOOR, H. 3000 TYP 11/R-L H. 3000 PLUS TYP 12/R-L
ACCOPIAMENTO PER PORTA TELESCOPICA 2 ANTE

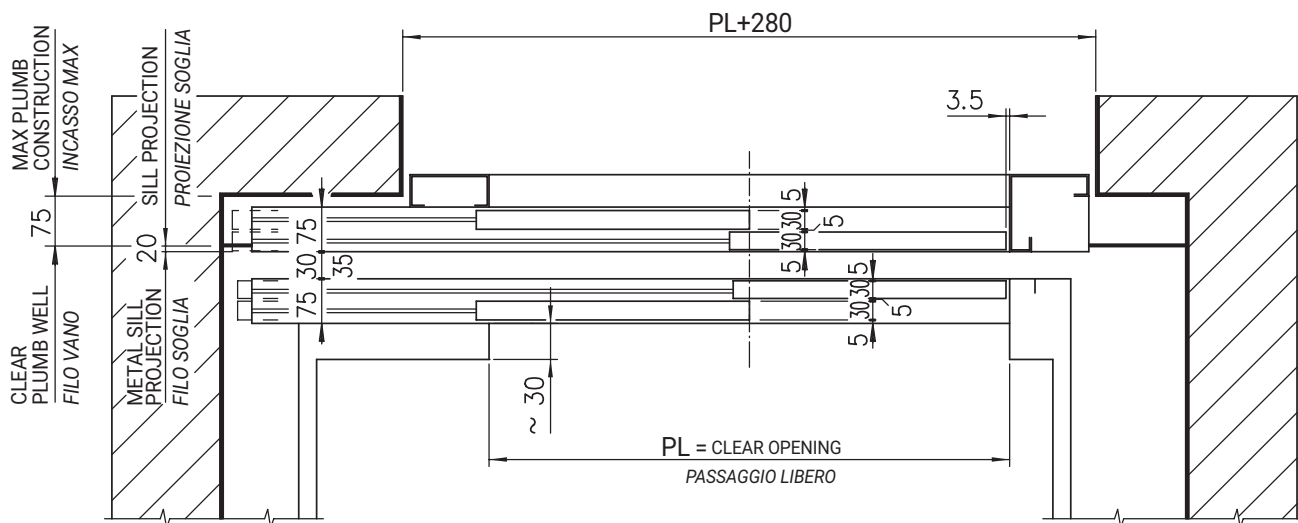
3201 - HYDRA3000, TYP 11/R-L



3201 - HYDRA3000 PLUS, TYP 12/R-L

WALL INSTALLATION
MONTAGGIO A SBALZO

3201 - HYDRA3000, TYP 11/R-L



3201 - HYDRA3000 PLUS, TYP 12/R-L

NICHE INSTALLATION
MONTAGGIO IN NICCHIA

RIGHT HAND PORTA DX	AS DRAWN A DISEGNO
LEFT HAND PORTA SX	SYMMETRICALLY OPPOSITE SIMMETRICA

HYDRA 3000 CAR DOORS AND LANDING DOORS

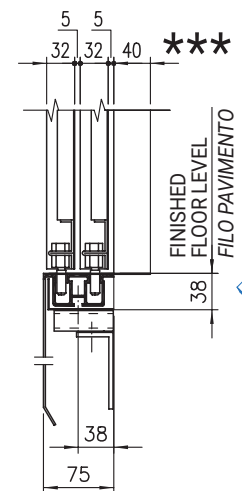
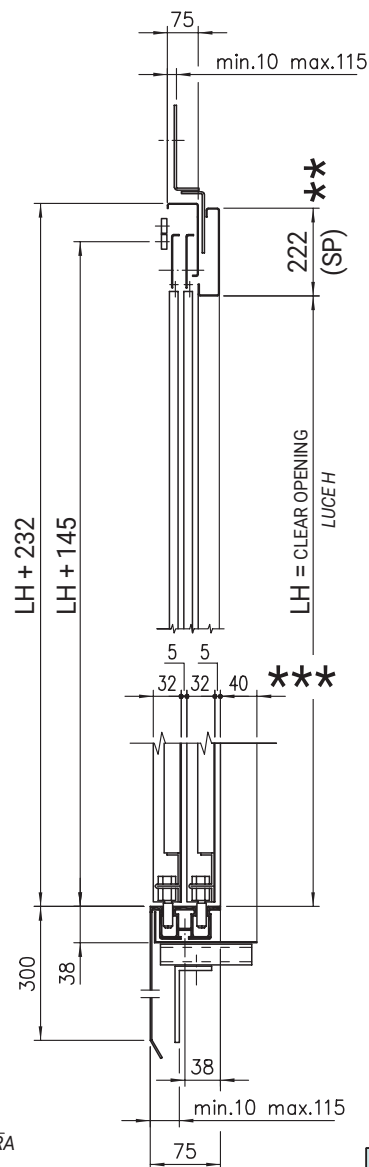
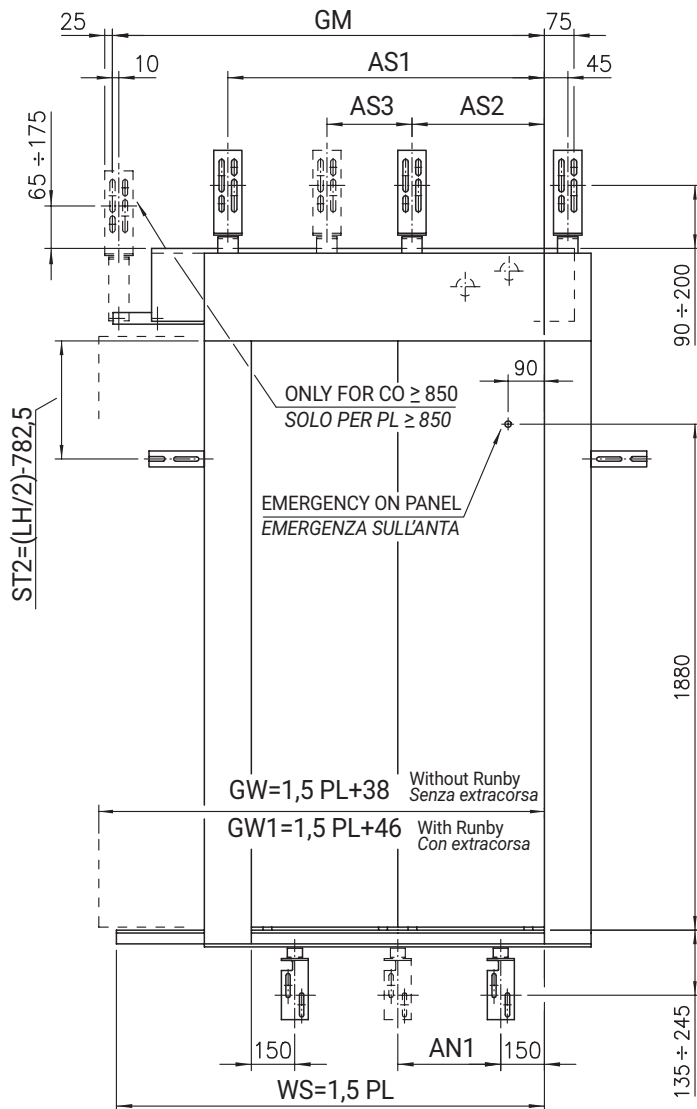
PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice **TC.2.000075.EN**
 Version/Versione **H**
 Date/Data **03.07.2023**
 Page/Pagina **2.4.4**



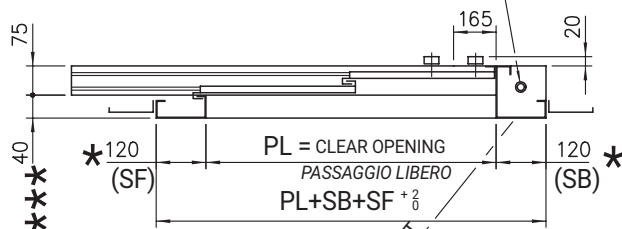
TWO PANELS EN81-58 CLASS "E120" TELESCOPIC LANDING DOOR, TYP 11/R-L PL=600÷1200

PORTA DI PIANO EN81-58 CLASSE "E120" TELESCOPICA 2 ANTE



FOR THE CERTIFIED DIMENSIONS SEE PAGE 1.12
PER LE DIMENSIONI CERTIFICATE VEDERE PAG. 1.12

CLOSING SPRING
MOLLA DI RICHIUSURA



LEFT HAND
PORTA SX

AS DRAWN
A DISEGNO

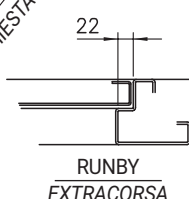
RIGHT HAND
PORTA DX

SYMMETRICALLY
OPPOSITE
SIMMETRICA

CHANGING ON REQUEST:
FLOOR LEVEL FRAMES
VARIANTE A RICHIESTA:
STIPITI A FILO PAVIMENTO

DIMENSIONS CHANGEABLE ON REQUEST QUOTE VARIABILI A RICHIESTA	
*	50 ÷ 750
**	80 ÷ 480
***	30 ÷ 100

CHANGING ON REQUEST
VARIANTE A RICHIESTA



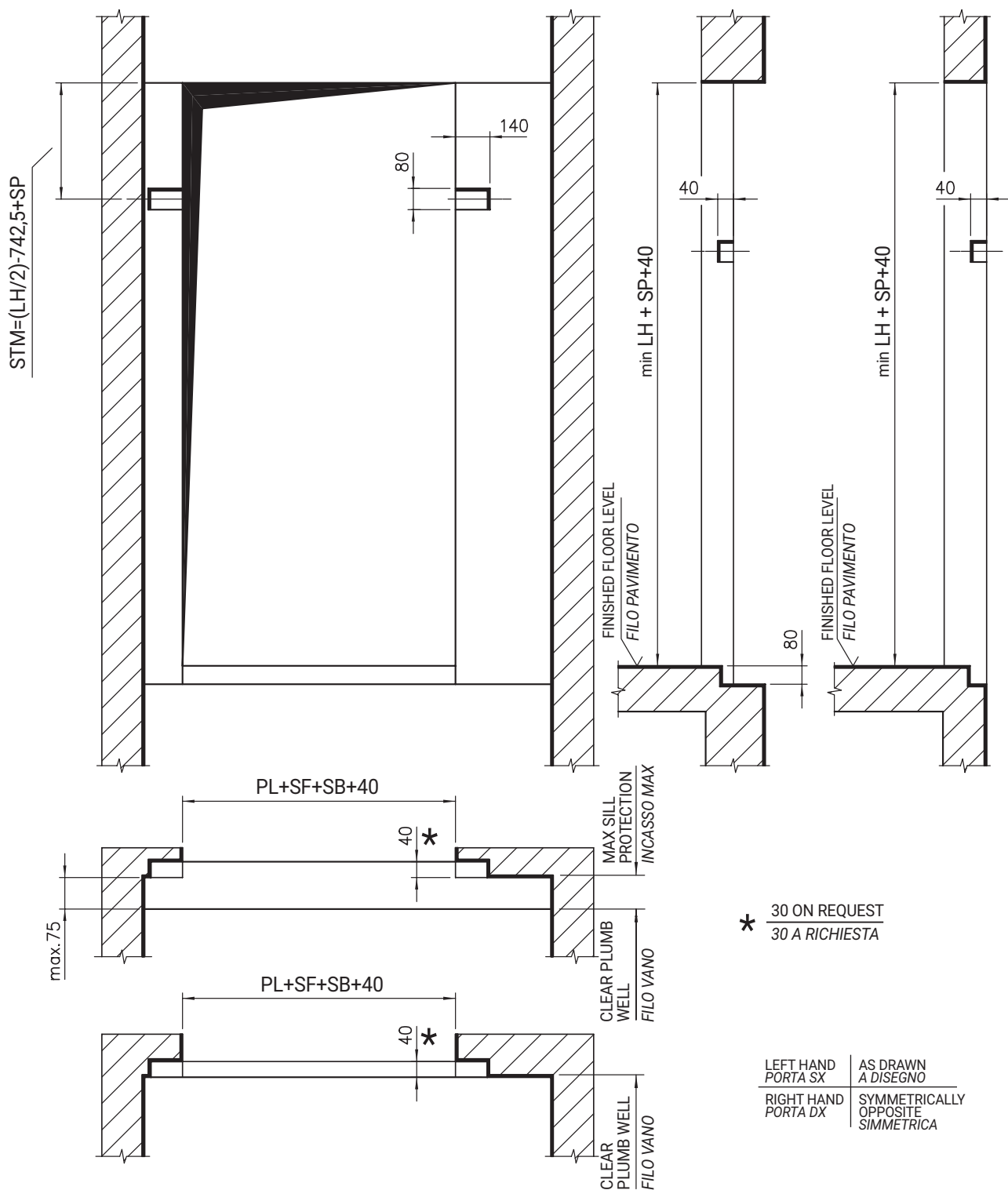
PL	GW	GW1	GM	AS1	AS2	AS3	AN1
600	938	946	960	660			
650	1013	1021	1010	710			
700	1088	1096	1095	760	435		/x
750	1163	1171	1195	810			
800	1238	1246	1245	860			
850	1313	1321	1295	910		/x	
900	1388	1396	1410	960			300
950	1463	1471	1460	1010	535		325
1000	1538	1546	1555	1060			350
1050	1613	1621	1605	1110			375
1100	1688	1696	1680	1160			400
1150	1763	1771	1780	1210	400	415	425
1200	1838	1846	1860	1260		440	450

HYDRA 3000 CAR DOORS AND LANDING DOORS

PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
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Date/Data 03.07.2023
Page/Pagina 2.4.5

SHAFT WALL FOR TWO PANELS EN81-58 CLASS "E120" TELESCOPIC LANDING DOOR, TYP 11/R-L
VANO MURATURA PER PORTA EN81-58 CLASSE "E120" TELESCOPICA 2 ANTE, TIPO 11/R-L





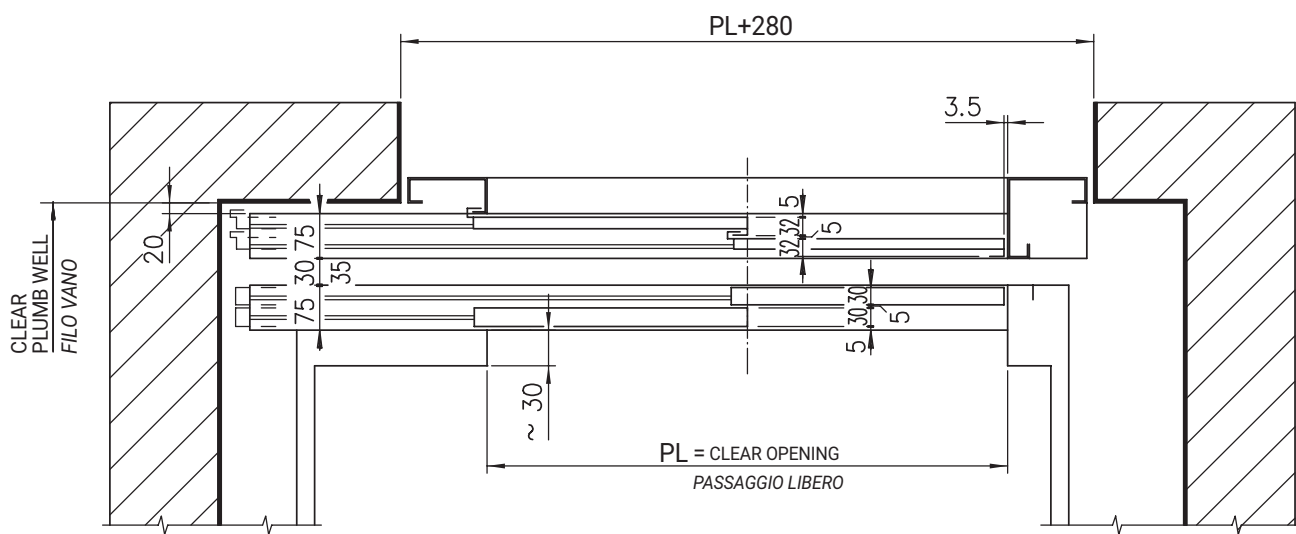
HYDRA 3000 CAR DOORS AND LANDING DOORS PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 2.5

ARRANGEMENT FOR TWO PANELS TELESCOPIC DOOR, HYDRA3000 TYP 11/R-L ECO-PIUMA TYP 12/R-L
ACCOPPIAMENTO PER PORTA TELESCOPICA 2 ANTE

EN81-58 CLASS "E120"
EN81-58 CLASSE "E120"

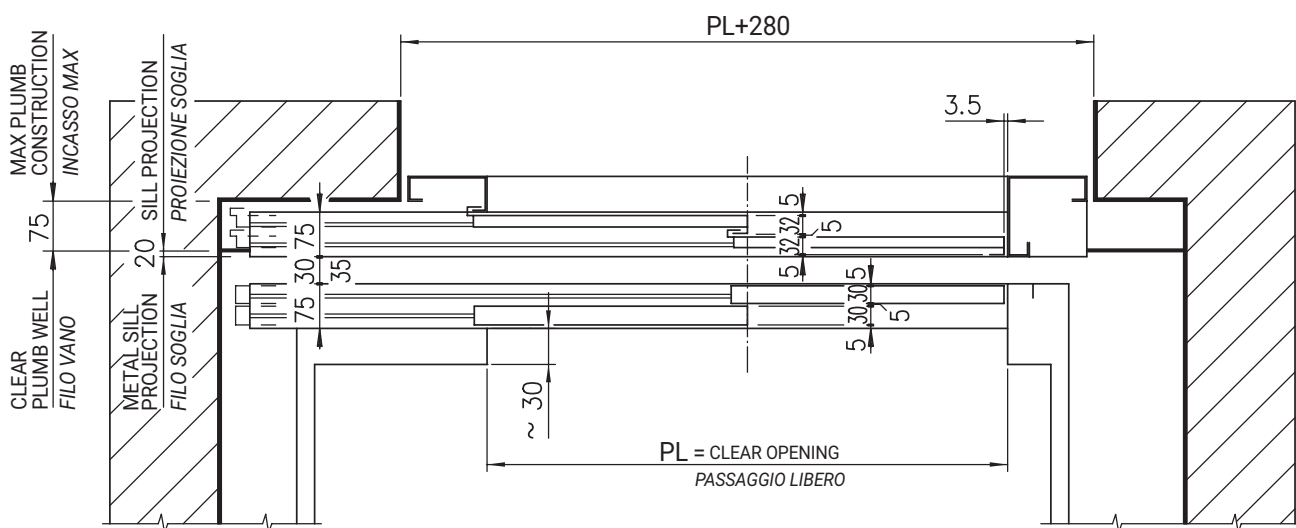
3201 - HYDRA3000, TYP 11/R-L



3201 - ECO-PIUMA, TYP 12/R-L

WALL INSTALLATION
MONTAGGIO A SBALZO

3201 - HYDRA3000, TYP 11/R-L



3201 - ECO-PIUMA, TYP 12/R-L

NICHE INSTALLATION
MONTAGGIO IN NICCHIA

RIGHT HAND PORTA DX	AS DRAWN A DISEGNO
LEFT HAND PORTA SX	SYMMETRICALLY OPPOSITE SIMMETRICA

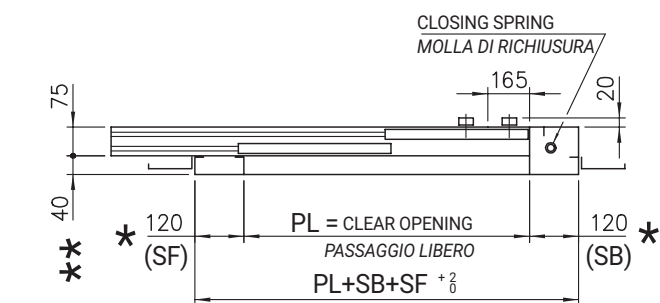
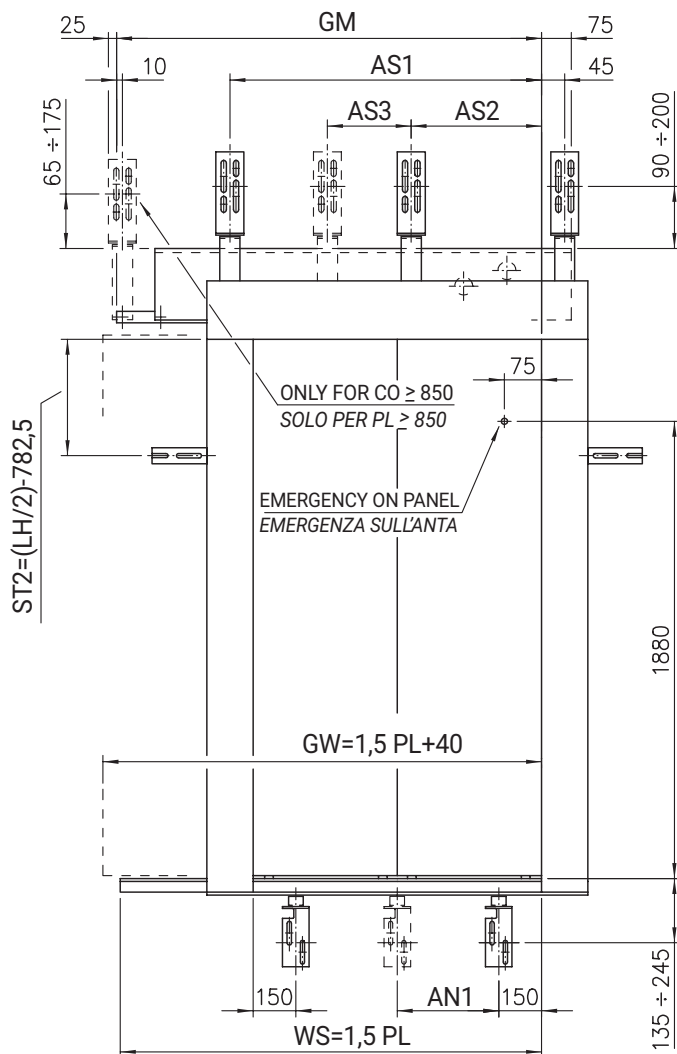
HYDRA 3000 CAR DOORS AND LANDING DOORS

PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 2.7

TWO PANELS ACCORDING TO DIN 18091 TELESCOPIC LANDING DOOR, TYP 11/R-L PL=600÷1200

PORTA DI PIANO A NORME DIN 18091 TELESCOPICA 2 ANTE

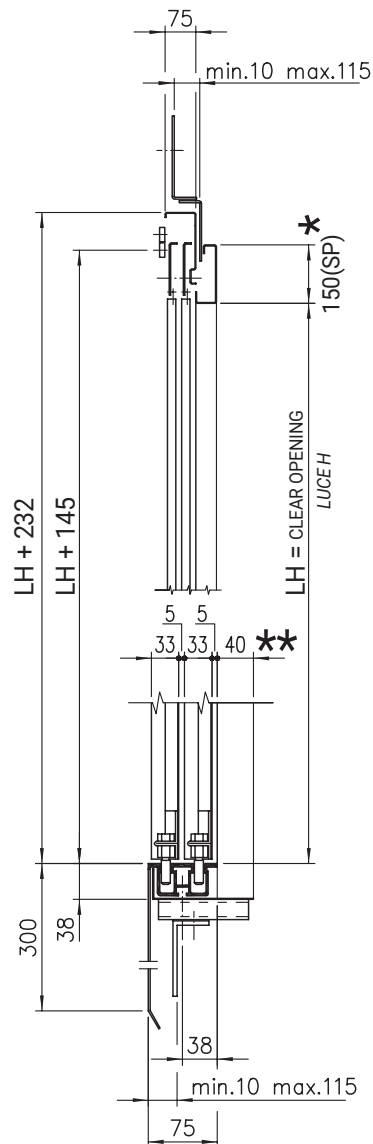


LEFT HAND
PORTA SX AS DRAWN
A DISEGNO

RIGHT HAND
PORTA DX SYMMETRICALLY
OPPOSITE
SIMMETRICA

DIMENSIONS CHANGEABLE
ON REQUEST
QUOTE VARIABILI A RICHIESTA

* 80 ÷ 150
** 30



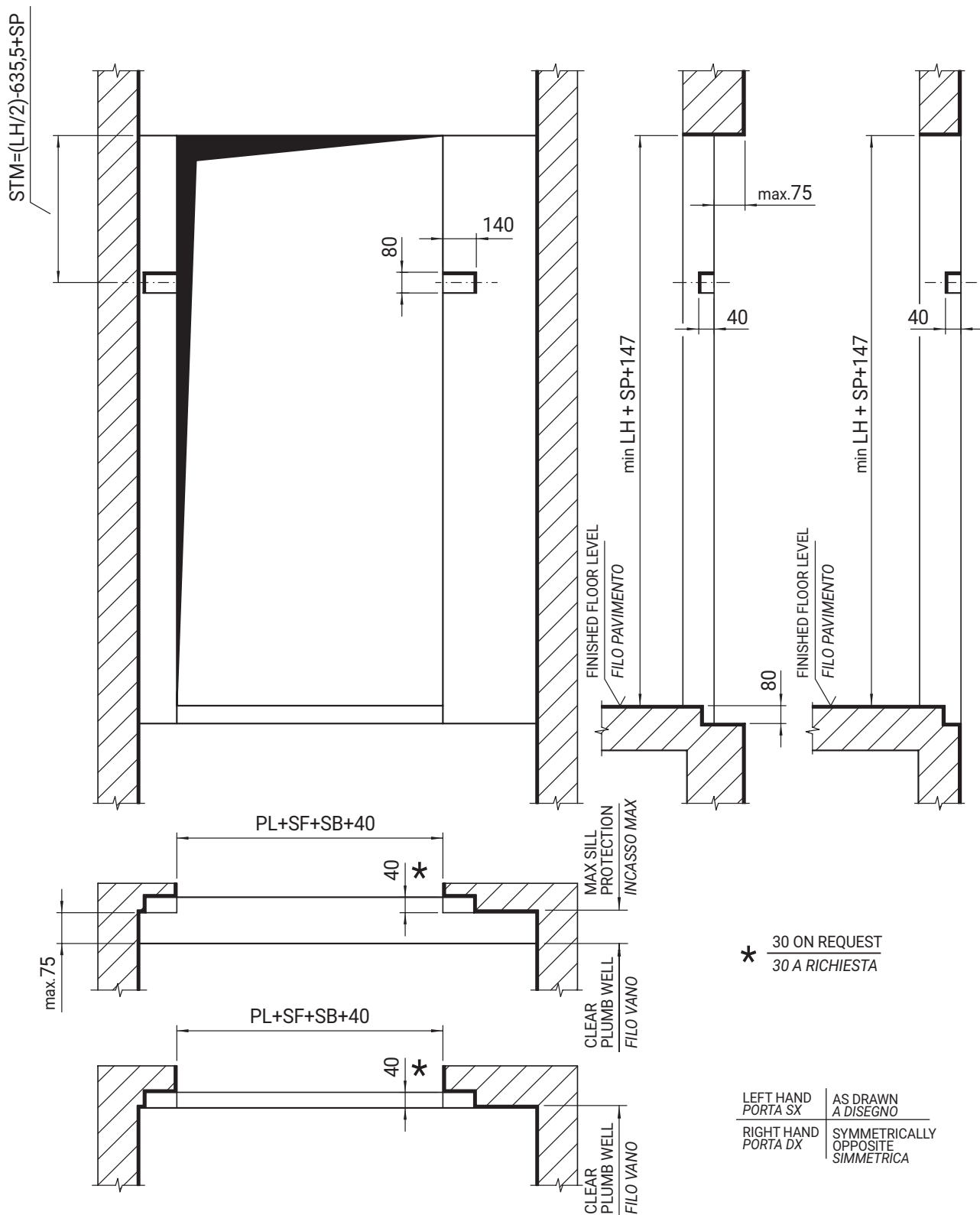
PL	GW	GM	AS1	AS2	AS3	AN1
600	940	960	660			
650	1015	1010	710			
700	1090	1095	760	435		/
750	1165	1195	810			
800	1240	1245	860			
850	1315	1295	910			
900	1390	1410	960			300
950	1465	1460	1010			325
1000	1540	1555	1060	535		350
1050	1615	1605	1110			375
1100	1690	1680	1160			400
1150	1765	1780	1210	400	415	425
1200	1840	1860	1260		440	450

HYDRA 3000 CAR DOORS AND LANDING DOORS

PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 2.8

SHAFT WALL ACCORDING TO DIN 18091 FOR TWO PANELS TELESCOPIC LANDING DOOR, TYP 11/R-L
VANO MURATURA PER PORTA A NORME DIN 18091 TELESCOPICA 2 ANTE

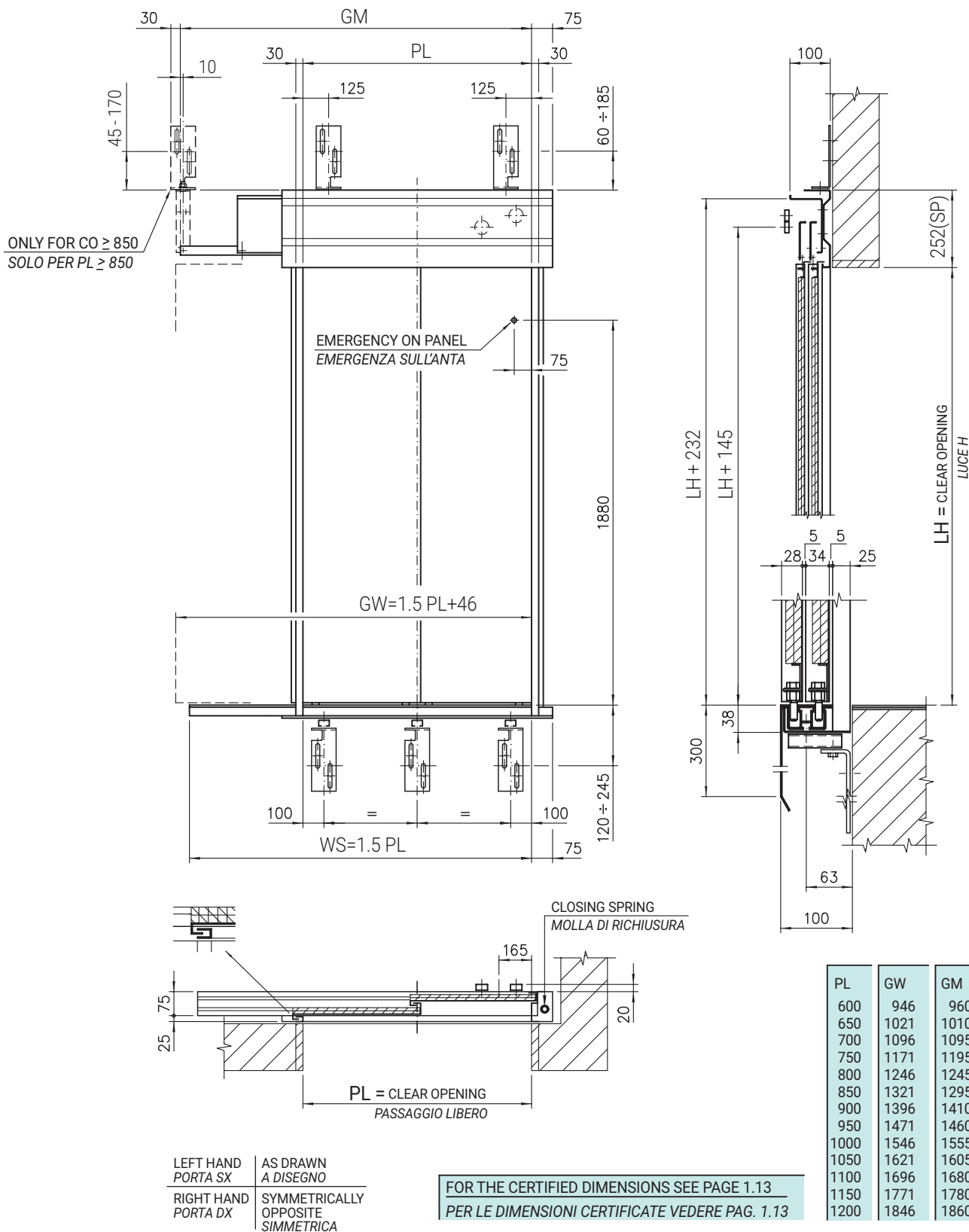


HYDRA 3000 CAR DOORS AND LANDING DOORS

PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 2.9

TWO PANELS CLASS "EI" FIRE-RESISTANT "SLIM" TEL. LANDING DOOR, TYPE 11/R-L PL=600÷1200
PORTA DI PIANO 2 ANTE TEL. "SLIM" RESISTENTE AL FUOCO CLASSE "EI", TIPO 11/R-L



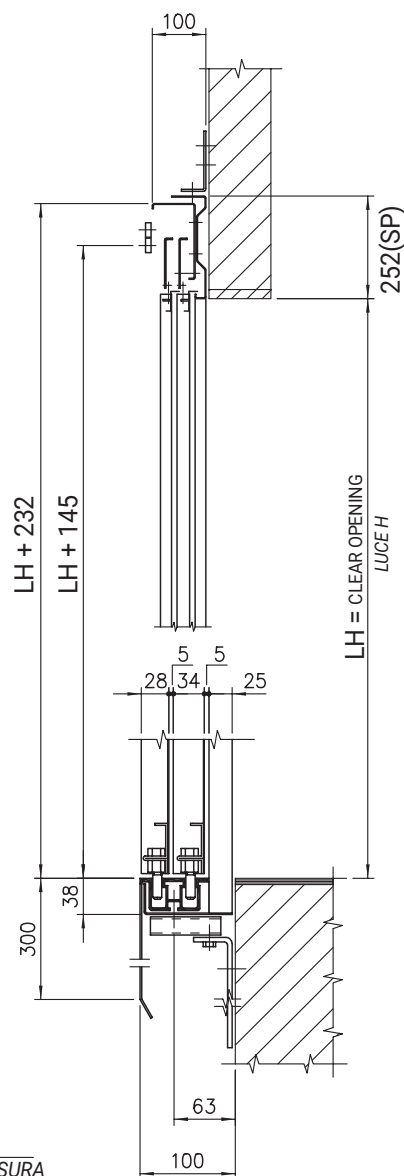
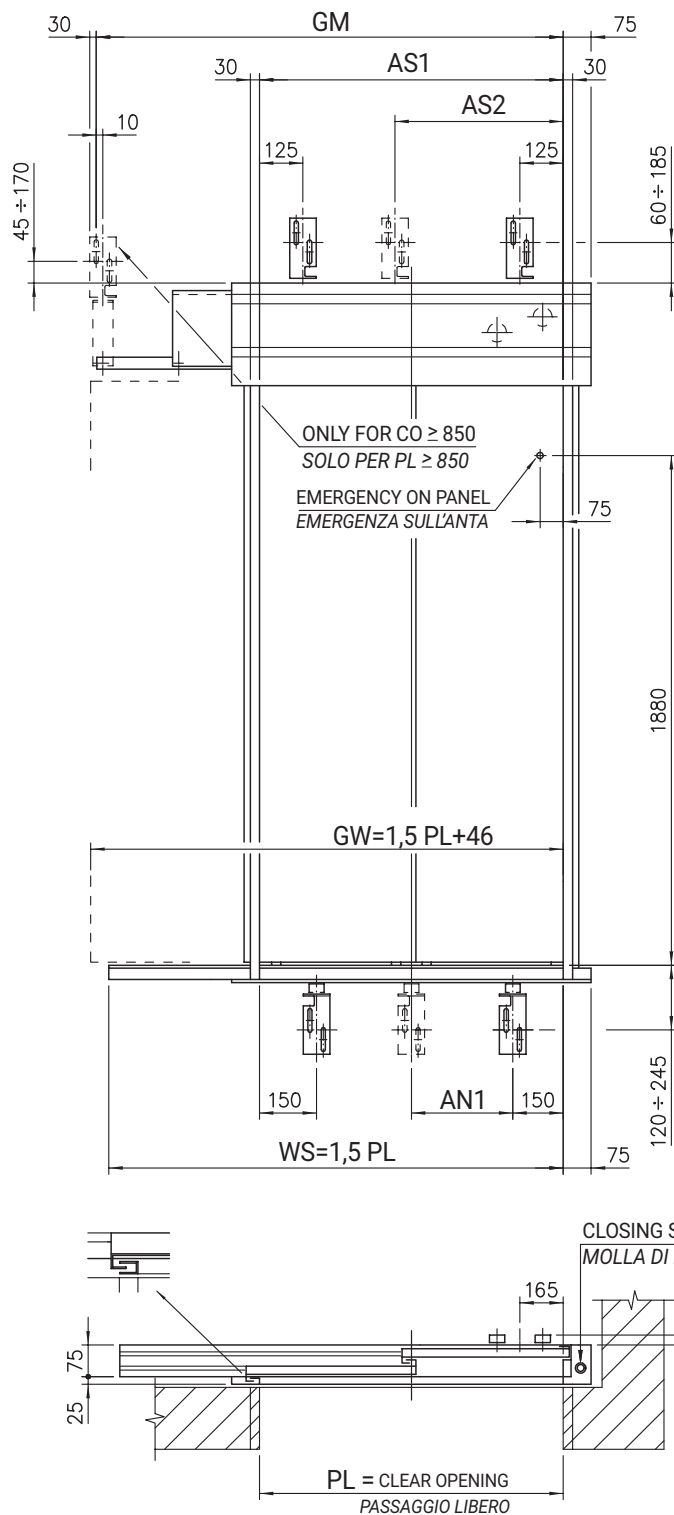


HYDRA 3000 CAR DOORS AND LANDING DOORS PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 2.10

TWO PANELS EN81-58 E60 "SLIM" TELESCOPIC LANDING DOOR, TYP 11/R-L PL=600÷1200
PORTA DI PIANO EN81-58 E60 "SLIM" TELESCOPICA 2 ANTE

ONLY FOR ARRANGEMENT WITH HYDRA OPERATOR
SOLO PER ACCOPPIAMENTO CON OPERATORE HYDRA



LEFT HAND
PORTA SX
AS DRAWN
A DISEGNO
RIGHT HAND
PORTA DX
SYMMETRICALLY
OPPOSITE
SIMMETRICA

FOR THE CERTIFIED DIMENSIONS SEE PAGE 1.12
PER LE DIMENSIONI CERTIFICATE VEDERE PAG. 1.12

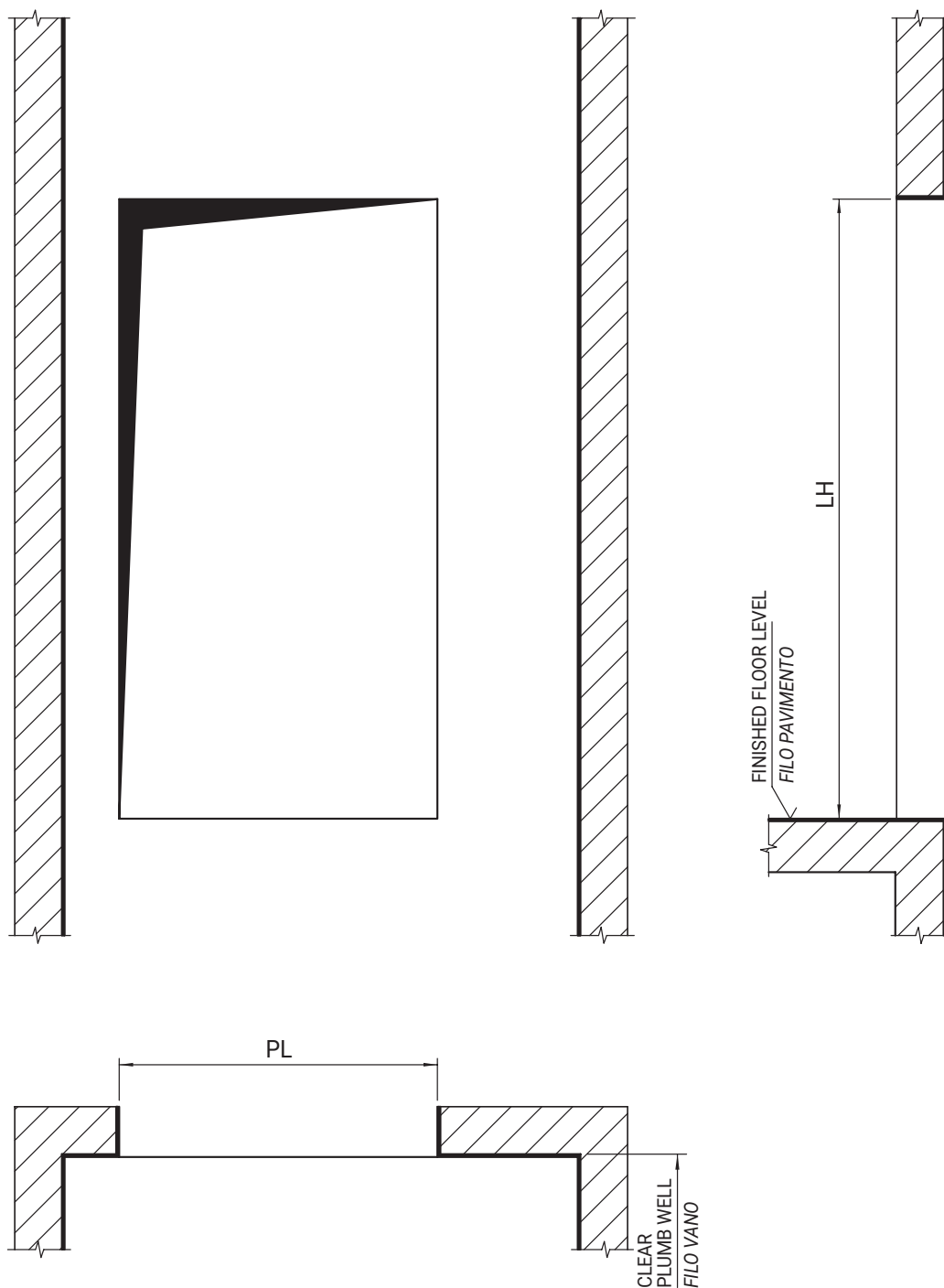
PL	GW	GM	AS1	AS2	AN1
600	946	960	660		
650	1021	1010	710		
700	1096	1095	760		
750	1171	1195	810	/	/
800	1246	1245	860		
850	1321	1295	910		
900	1396	1410	960	500	300
950	1471	1460	1010	525	325
1000	1546	1555	1060	550	350
1050	1621	1605	1110	575	375
1100	1696	1680	1160	600	400
1150	1771	1780	1210	625	425
1200	1846	1860	1260	650	450



HYDRA 3000 CAR DOORS AND LANDING DOORS
PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 2.11

SHAFT WALL FOR TWO PANELS FIRE-RESISTANT TELESCOPIC LANDING DOORS, TYP 11/R-L
VANO MURATURA PER PORTE RESISTENTI AL FUOCO TELESCOPICHE



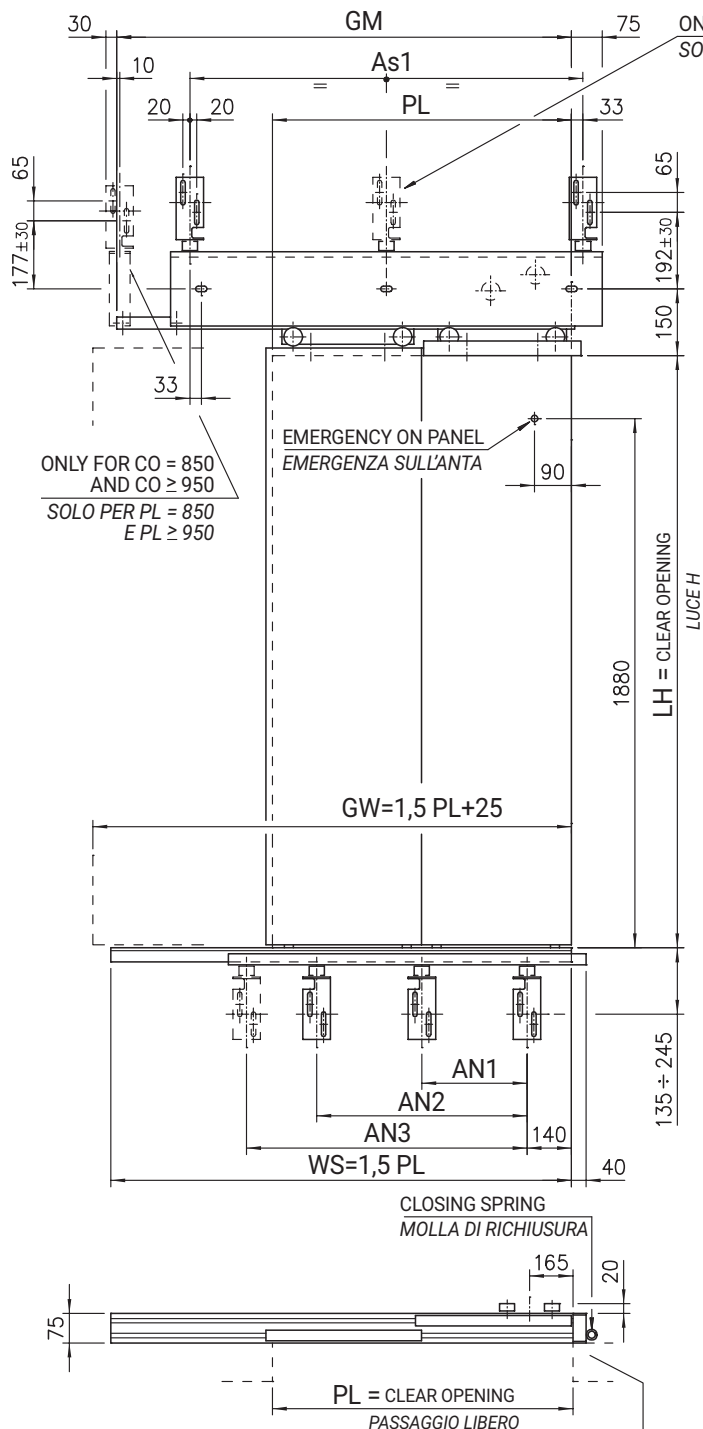
HYDRA 3000 CAR DOORS AND LANDING DOORS

PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 2.12

TWO PANELS STANDARD TELESCOPIC LANDING DOOR, TYP 11/R-L PL=600÷1200

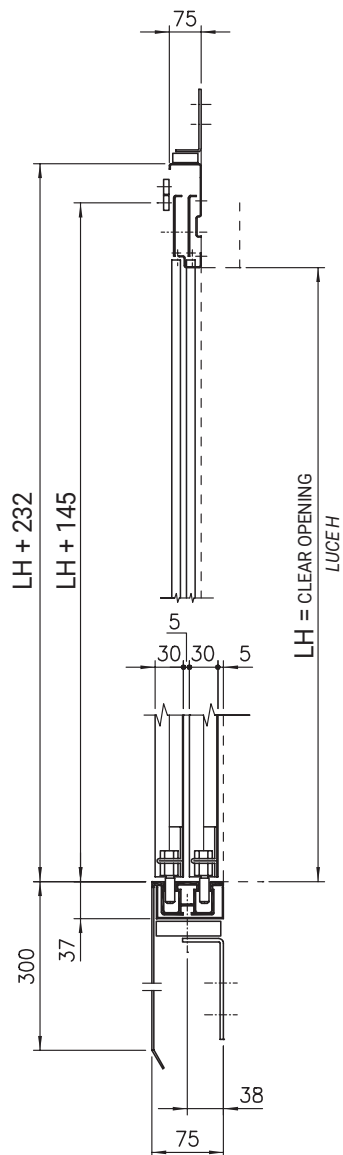
PORTA DI PIANO STANDARD TELESCOPICA 2 ANTE



ONLY FOR CO = 850
AND CO ≥ 950
SOLO PER PL = 850
E PL ≥ 950

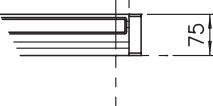
ONLY FOR CO ≥ 900
SOLO PER PL ≥ 900

DIRECT WALL INSTALLATION
FISSAGGI DIRETTI AL MURO



LEFT HAND
PORTA SX
AS DRAWN
A DISEGNO
RIGHT HAND
PORTA DX
SYMMETRICALLY
OPPOSITE
SIMMETRICA

RUNBY
EXTRACORSA



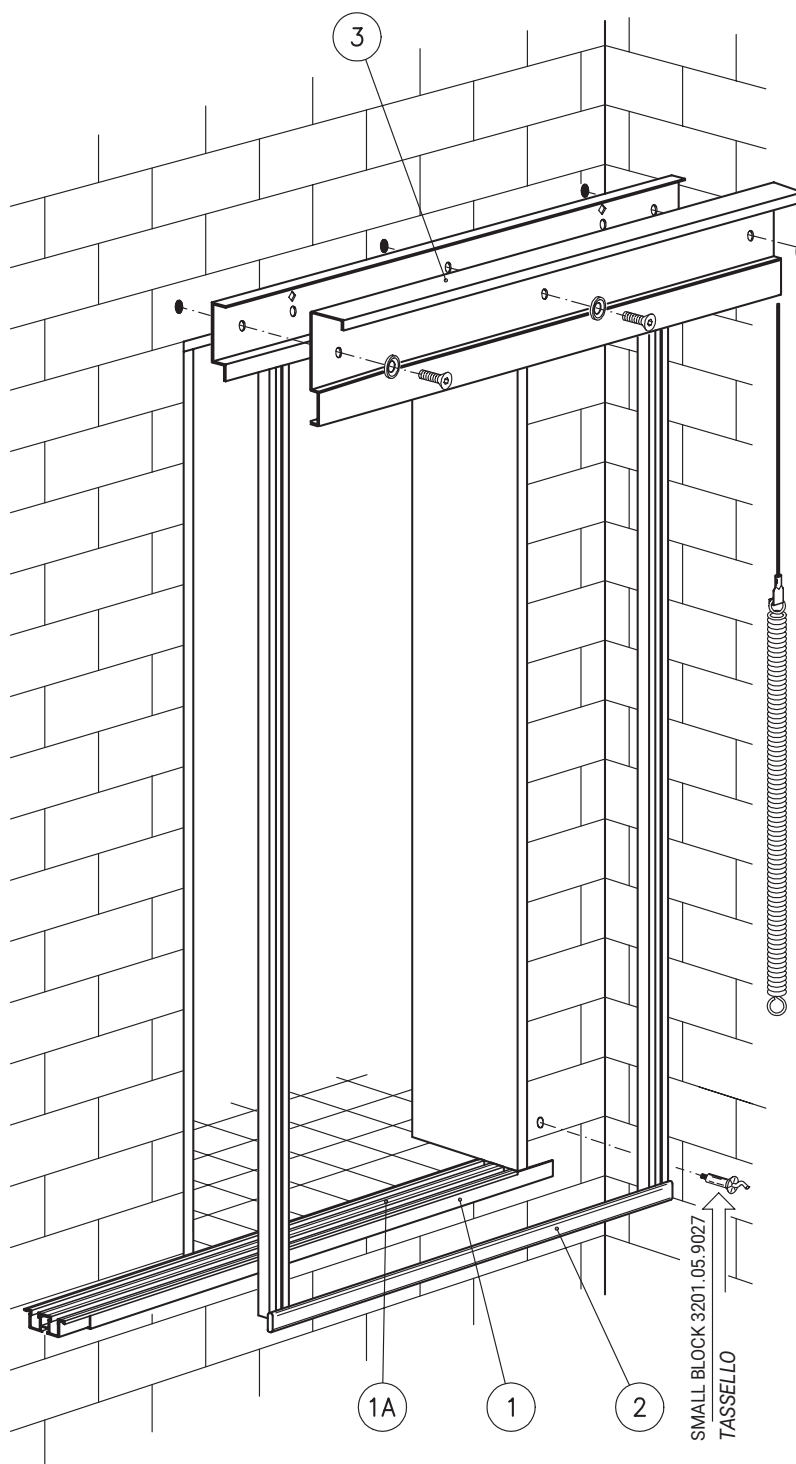
CHANGING ON REQUEST
VARIANTE A RICHIESTA

PL	GW	GM	As1	AN1	AN2	AN3
600	925	960	941	320	640	/
650	1000	1010				
700	1075	1095				
750	1150	1195				
800	1225	1245				
850	1300	1295	1390	545	1090	1540
900	1375	1410				
950	1450	1460				
1000	1525	1555				
1050	1600	1605				
1100	1675	1680	1840	450		
1150	1750	1780				
1200	1825	1860				

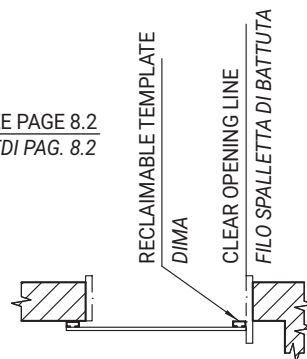
HYDRA 3000 CAR DOORS AND LANDING DOORS PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 2.14

ASSEMBLY WITH RECOVERING DRILLING TEMPLATE - TWO PANELS TELESCOPIC LANDING DOOR, TYP 11/R-L
MONTAGGIO CON DIME DI FORATURA RECUPERABILI - PORTA TELESCOPICA 2 ANTE



SEE PAGE 8.2
VEDI PAG. 8.2



ASSEMBLY INSTRUCTIONS

ATTENTION:

- Before locating the marble use the template (2).
- Fix the sill (1) at finished floor level and at requested distance.
- Insert the template lower profile (2) into the sliding guide (1A) of the sill and ensure it is at floor finishing and aligned to clear opening.
- Drill holes in the wall using the template, remove it and position the door hanger.

NORME DI MONTAGGIO

ATTENZIONE:

Utilizzare la dima (2) prima dell'applicazione dei marmi.

- Fissare la soglia (1) a livello del pavimento finito ed alla distanza voluta.
- Inserire il profilo inferiore della dima (2) nel canale di scorrimento (1A) della soglia e controllare che la dima sia a piombo ed allineata a filo della spalletta di battuta.
- Praticare i fori sul muro utilizzando come maschera i fori della dima, quindi rimuoverla e posizionare il meccanismo di sospensione della porta.

RIGHT HAND PORTA DX	AS DRAWN A DISEGNO
LEFT HAND PORTA SX	SYMMETRICALLY OPPOSITE SIMMETRICA



HYDRA 3000 CAR DOORS AND LANDING DOORS PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 3.1

TWO PANELS CENTRAL OPENING CAR DOOR, TYP 02/C PL=600÷1200 PORTA DI CABINA 2 ANTE OPPOSITE, TIPO 02/C PL=600÷1200

NOTE

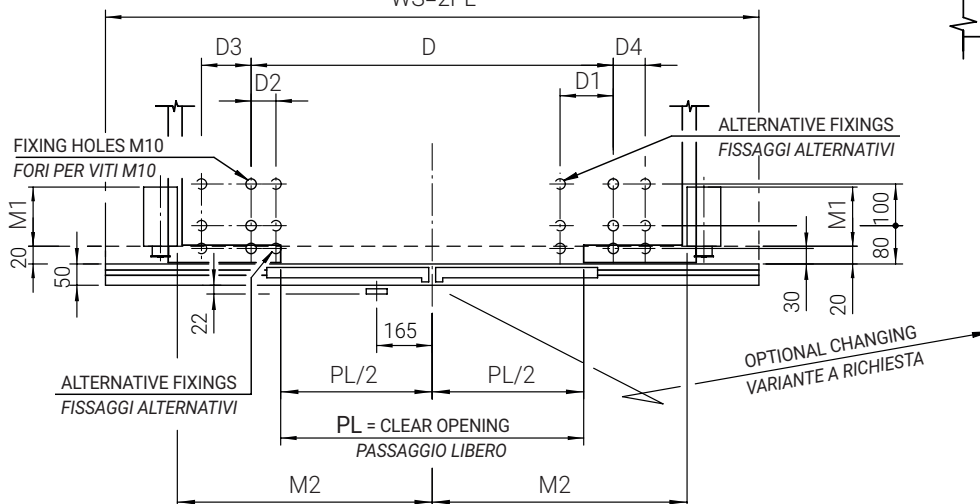
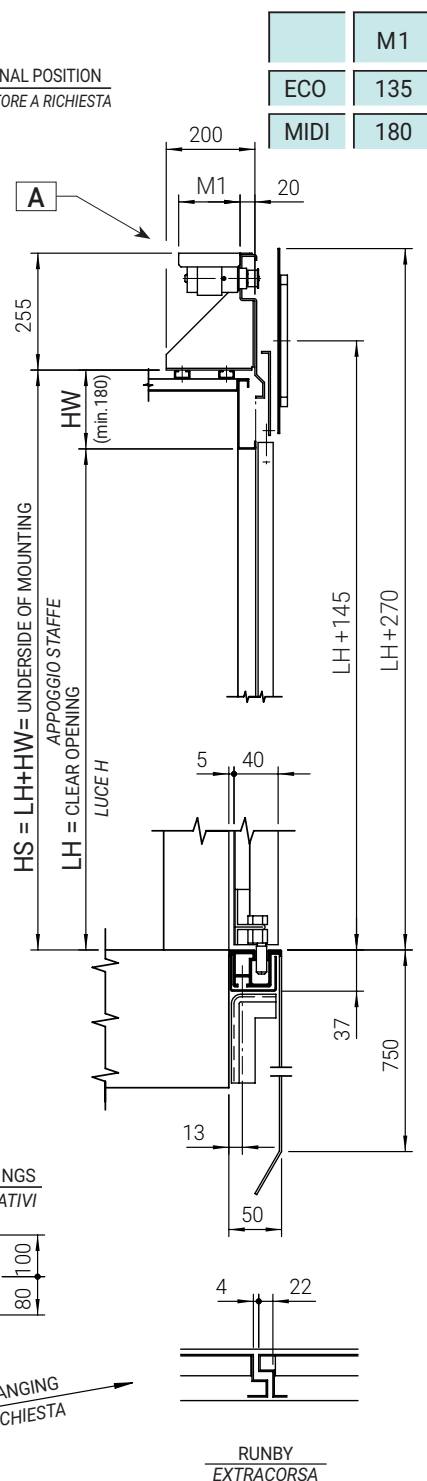
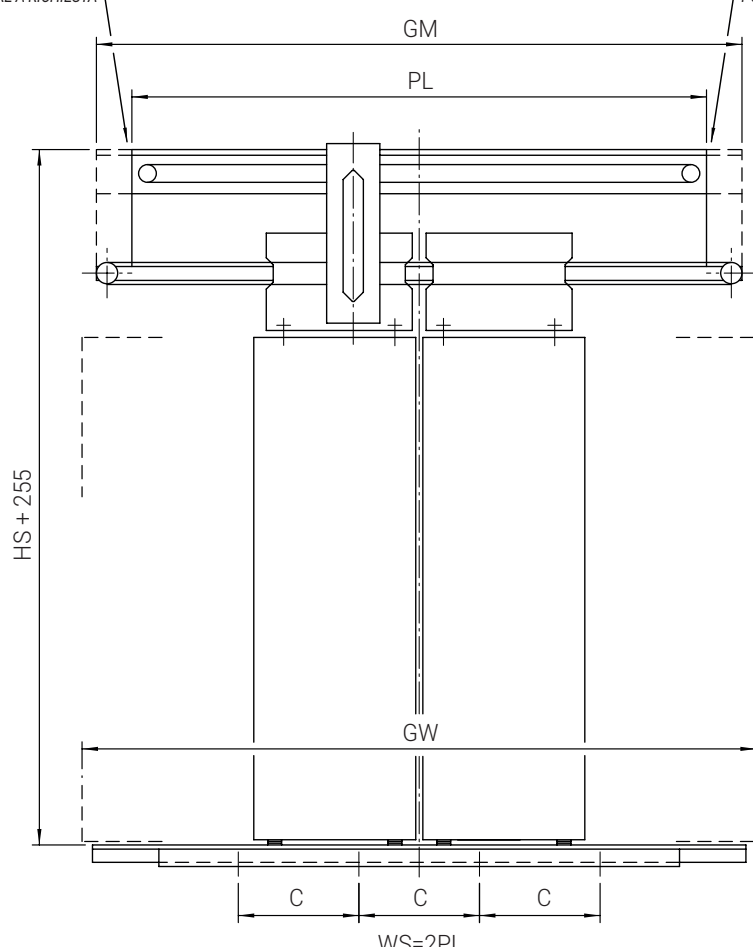
FOR APPLICATION OF ECO-MIDI DRIVE SEE PAGE 1.4 - 1.4.2
APPLICAZIONE MOTORIZZAZIONE ECO-MIDI SECONDO PAGINA 1.4 - 1.4.2

A DETAIL ON PAGE 1.10
DETTAGLIO PAG. 1.10

FOR SCHEDULE SEE PAGE 3.1.t
TABELLA VARIABILI A PAG. 3.1.t

MOTOR OPTIONAL POSITION
POSIZIONE MOTORE A RICHIESTA

MOTOR OPTIONAL POSITION
POSIZIONE MOTORE A RICHIESTA





HYDRA 3000 CAR DOORS AND LANDING DOORS PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 3.2

TWO PANELS CENTRAL OPENING CAR DOOR, TYP 02/C PL=600÷1200
PORTA DI CABINA 2 ANTE OPPOSITE, TIPO 02/C PL=600÷1200

	PL	TOTAL WEIGHT PESO TOTALE kg LH=2000	C	D	D1	D2	D3	D4	GW	WS	GM	P					
★ ★	600	76	250	974	217	62	/	/	1250	1200	1290	1290					
	650	77							1350	1300	1390	1390					
	700	78							1450	1400	1390	1390					
★ ★	750	80	400		974	217	62	/	/	1550	1500	1560	1540				
	800	87								1650	1600	1660					
	850	89								1750	1700	1710					
	900	92	400		974	217	62	/	/	1850	1800	1840	1740				
950	93	1950								1900	1940						
1000	108	2050								2000	1990						
	1050	109	550		974	217	62	/	/	2150	2100	2040	1930				
1100	110	2250								2200	2090						
1150	111	2350								2300	2140						
	1200	115	550		974	217	62	/	/	2450	2400	2440	2140				

* ATTENTION: GM > GW
* ATTENZIONE: GM > GW

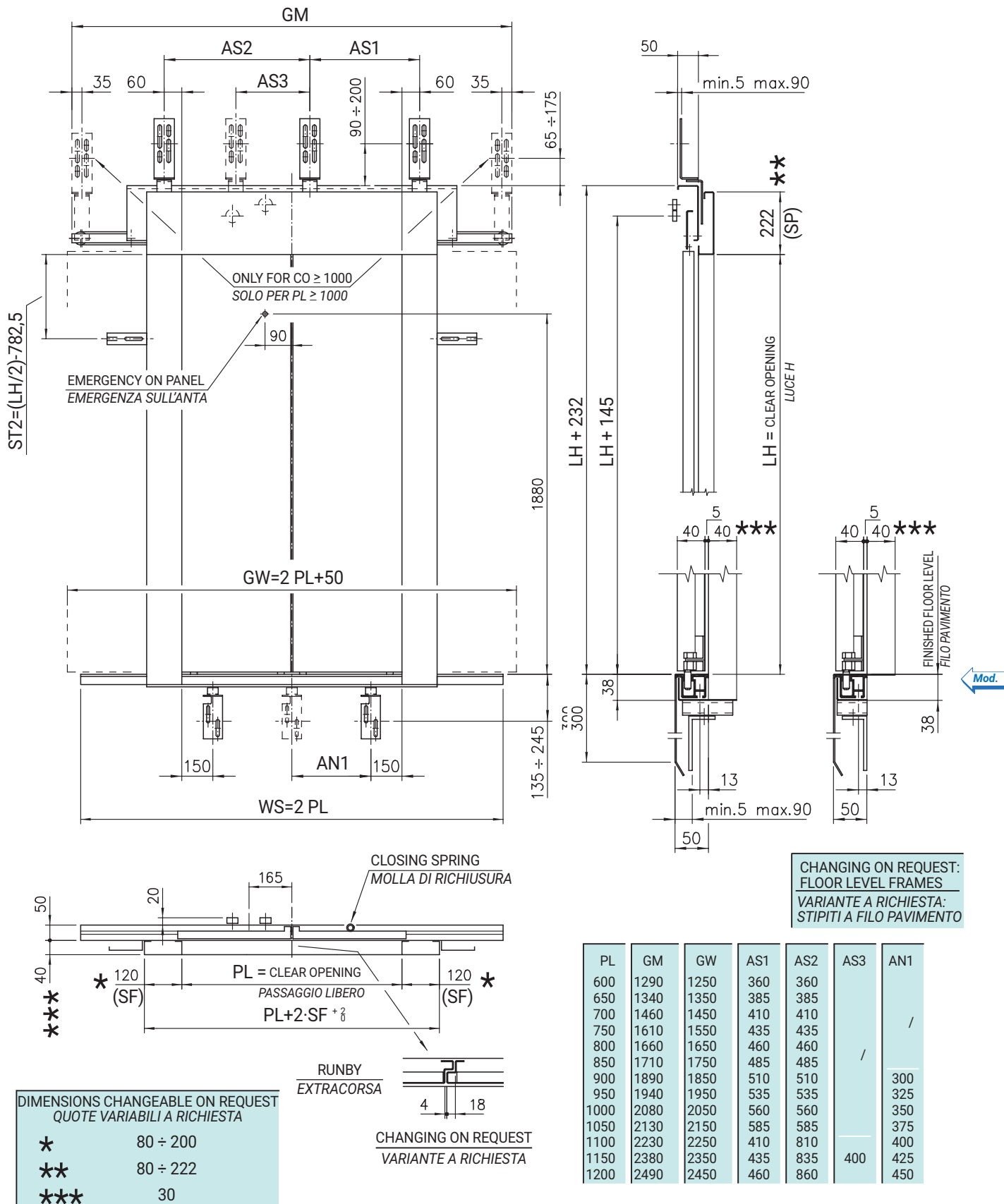
PL	M2
600	580
650	630
700	630
750	705
800	705
850	705
900	805
950	805
1000	805
1050	805
1100	900
1150	900
1200	1005

HYDRA 3000 CAR DOORS AND LANDING DOORS

PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice **TC.2.000075.EN**
 Version/Versione **H**
 Date/Data **03.07.2023**
 Page/Pagina **3.3**

TWO PANELS CENTRE PARTING LANDING DOOR, TYP 01/C PL=600÷1200
PORTA DI PIANO STANDARD 2 ANTE OPPOSTE

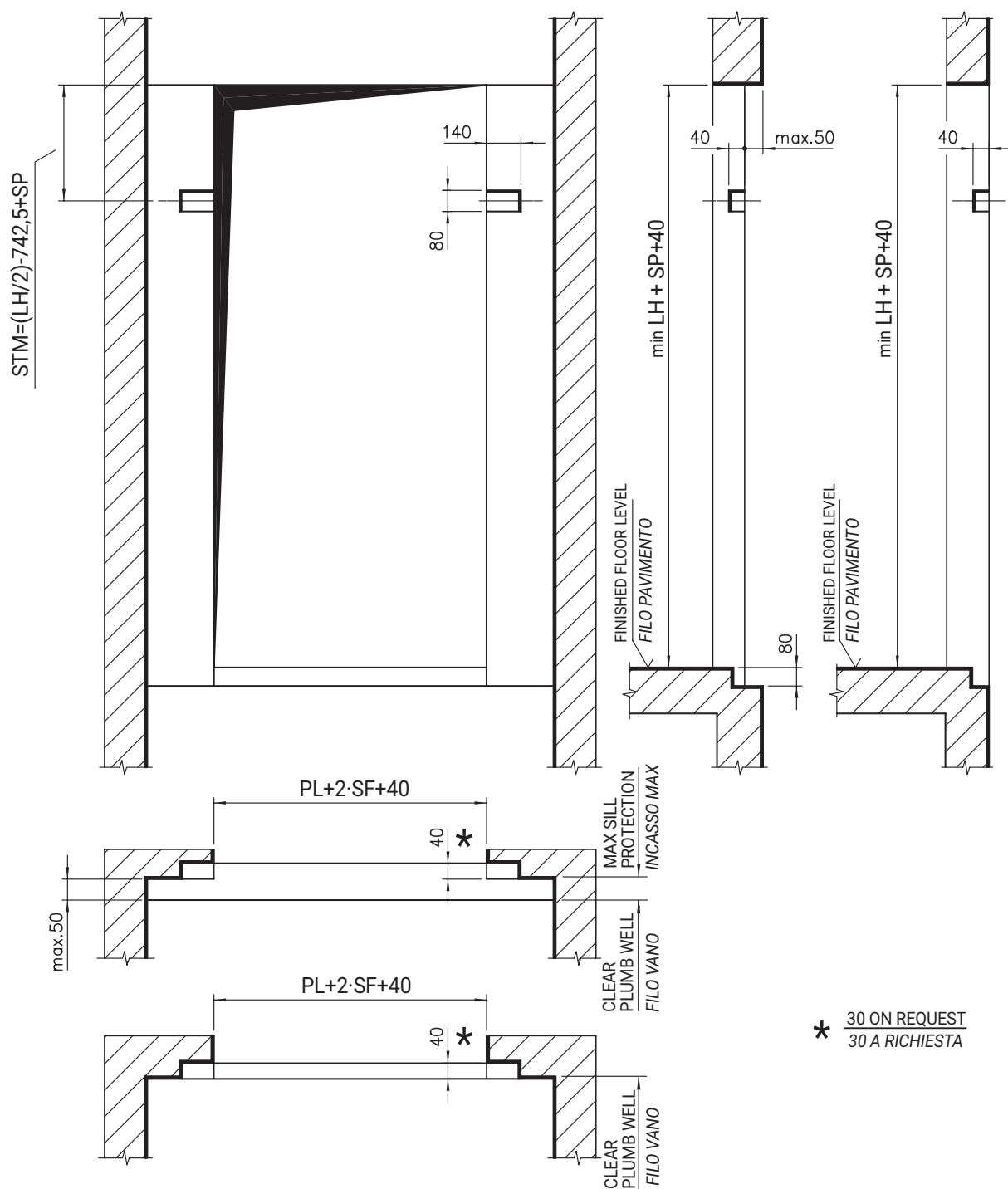


HYDRA 3000 CAR DOORS AND LANDING DOORS

PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 3.4

SHAFT WALL FOR TWO PANELS CENTRE PARTING LANDING DOOR, TYP 01/C
VANO MURATURA PER PORTA 2 ANTE OPPOSITE



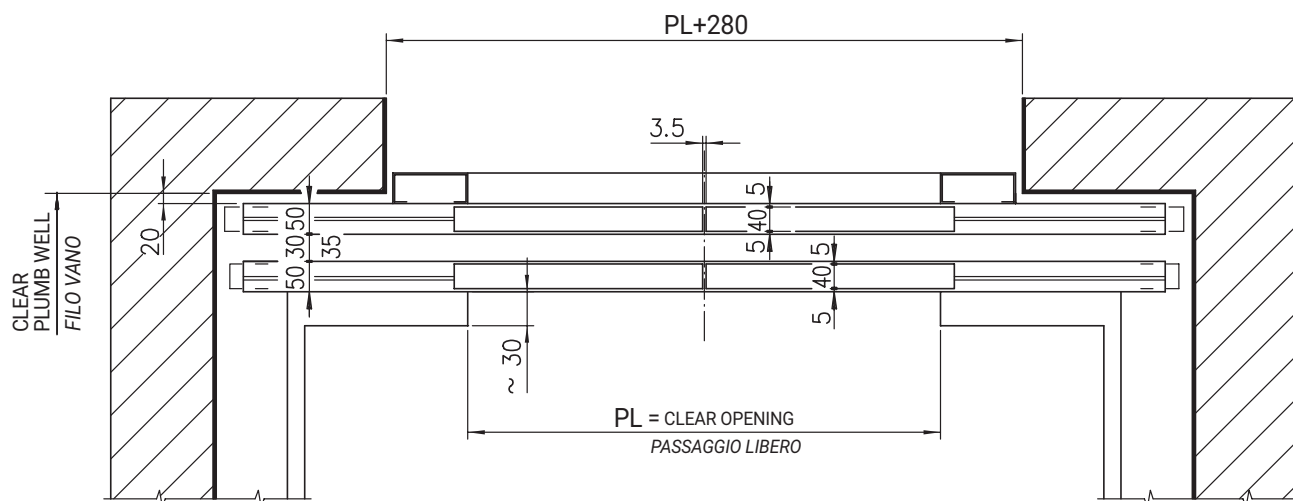
HYDRA 3000 CAR DOORS AND LANDING DOORS

PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 3.4.1

ARRANGEMENT FOR TWO PANELS CENTRE PARTING DOOR, HYDRA3000 TYP 01/C-L ECO-PIUMA TYP 02/C
ACCOPPIAMENTO PER PORTA 2 ANTE OPPOSTE

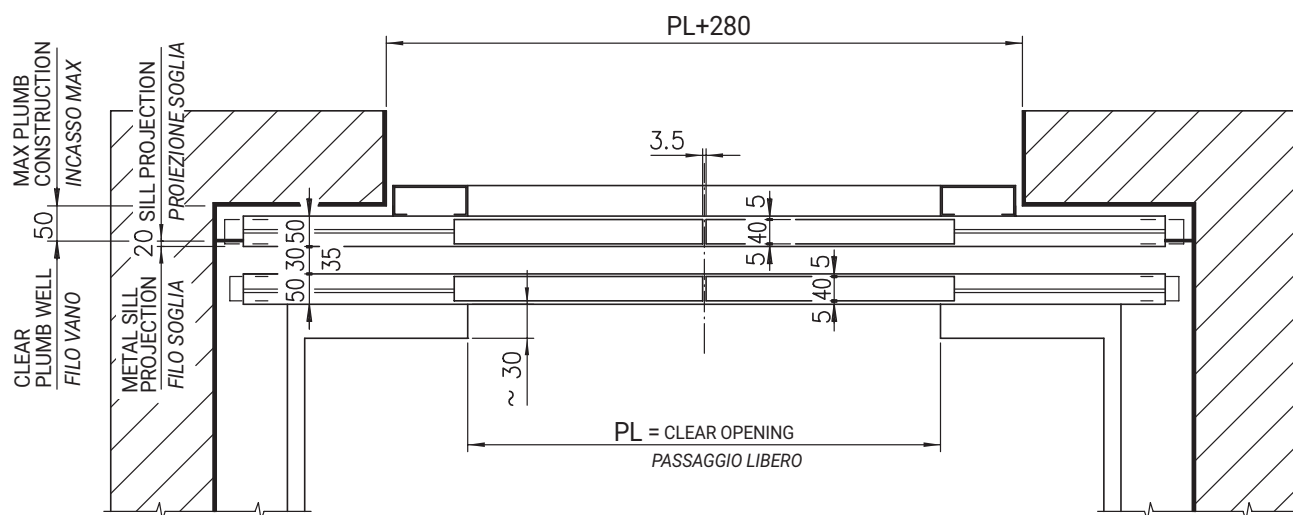
3201 - HYDRA3000, TYP 01/C



3201 - ECO-PIUMA, TYP 02/C

WALL INSTALLATION
MONTAGGIO A SBALZO

3201 - HYDRA3000, TYP 01/C



3201 - ECO-PIUMA, TYP 02/C

NICHE INSTALLATION
MONTAGGIO IN NICCHIA

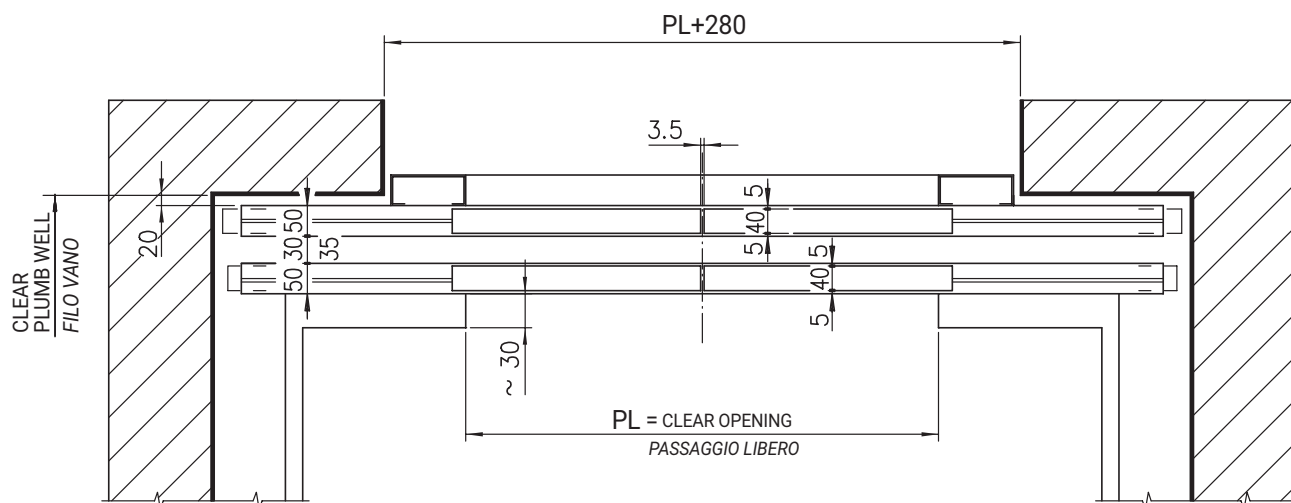
HYDRA 3000 CAR DOORS AND LANDING DOORS

PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 3.4.2

ARRANGEMENT FOR TWO PANELS CENTRE PARTING DOOR, H. 3000 TYP 01/C-L H. 3000 PLUS TYP 02/C
ACCOPPIAMENTO PER PORTA 2 ANTE OPPOSTE

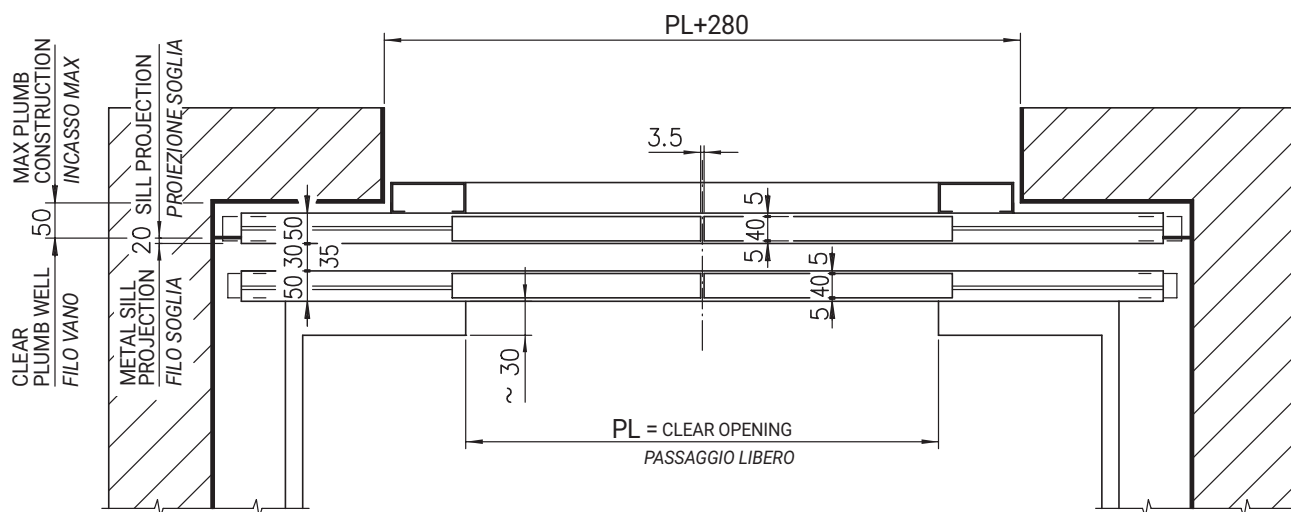
3201 - HYDRA3000, TYP 01/C



3201 - HYDRA 3000 PLUS, TYP 02/C

WALL INSTALLATION
MONTAGGIO A SBALZO

3201 - HYDRA3000, TYP 01/C



3201 - HYDRA 3000 PLUS, TYP 02/C

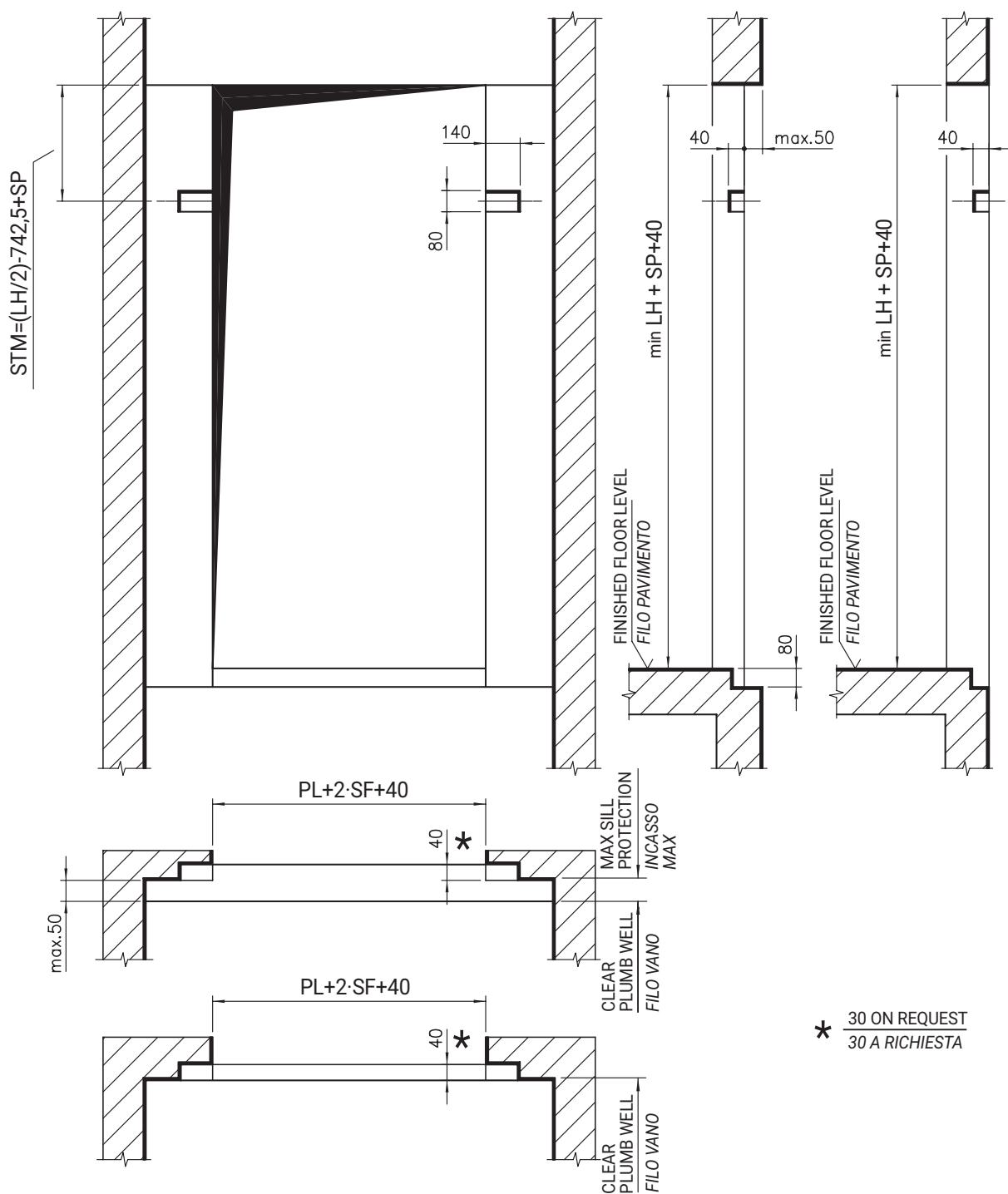
NICHE INSTALLATION
MONTAGGIO IN NICCHIA

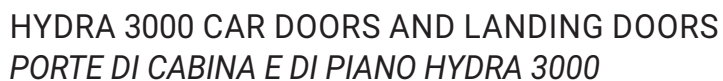
HYDRA 3000 CAR DOORS AND LANDING DOORS

PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 3.4.4

SHAFT WALL FOR TWO PANELS EN81-58 CLASS "E120" CENTRE PARTING LANDING DOOR, TYP 01/C
VANO MURATURA PER PORTA EN81-58 CLASSE "E120" 2 ANTE OPPOSTE





Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 3.4.5

EN81-58 CLASS "E120"
EN81-58 CLASSE "E120"

Technical drawing of a door frame assembly. The drawing shows a cross-section of the frame with various dimensions and labels.

Labels and dimensions:

- CLEAR PLUMB WELL** / **FILLO VANO**: Label for the top part of the frame.
- 20**: Dimension for the top part of the frame.
- 50 30 50**: Dimensions for the top part of the frame.
- 35**: Dimension for the top part of the frame.
- 3.5**: Dimension for the top part of the frame.
- 5 40 5**: Dimensions for the top part of the frame.
- 5 40 5**: Dimensions for the top part of the frame.
- ~ 30**: Dimension for the top part of the frame.
- PL = CLEAR OPENING** / **PASSAGGIO LIBERO**: Label for the bottom part of the frame.
- PL+280**: Dimension for the bottom part of the frame.

3201 - ECO-PIUMA, TYP 02/C

WALL INSTALLATION

MONTAGGIO A SBALZO

Technical drawing of a window frame cross-section showing dimensions and labels in both English and Italian.

Labels (English):

- MAX PLUMB CONSTRUCTION INCASSO MAX
- CLEAR PLUMB WELL
- FILO VANO
- METAL SILL PROJECTION
- FILO SOGLIA
- 20 SILL PROJECTION
- PROIEZIONE SOGLIA
- PL = CLEAR OPENING
- PASSAGGIO LIBERO

Labels (Italian):

- MAX PLUMB CONSTRUCTION INCASSO MAX
- CLEAR PLUMB WELL
- FILO VANO
- METAL SILL PROJECTION
- FILO SOGLIA
- 20 SILL PROJECTION
- PROIEZIONE SOGLIA
- PL = CLEAR OPENING
- PASSAGGIO LIBERO

Dimensions:

- 50 (Clear Plumb Well)
- 20 (Sill Projection)
- 35 (Metal Sill Projection)
- 50 (Clear Plumb Well)
- 30 (Clear Opening)
- ~ 30 (Clear Opening)
- 3.5 (Sill Projection)
- 5 (Sill Projection)
- 40 (Sill Projection)
- 5 (Sill Projection)
- 40 (Sill Projection)
- 5 (Sill Projection)
- PL+280 (Total Length)

3201 - ECO-PIUMA, TYP 02/C

NICHE INSTALLATION
MONTAGGIO IN NICCHIA

HYDRA 3000 CAR DOORS AND LANDING DOORS

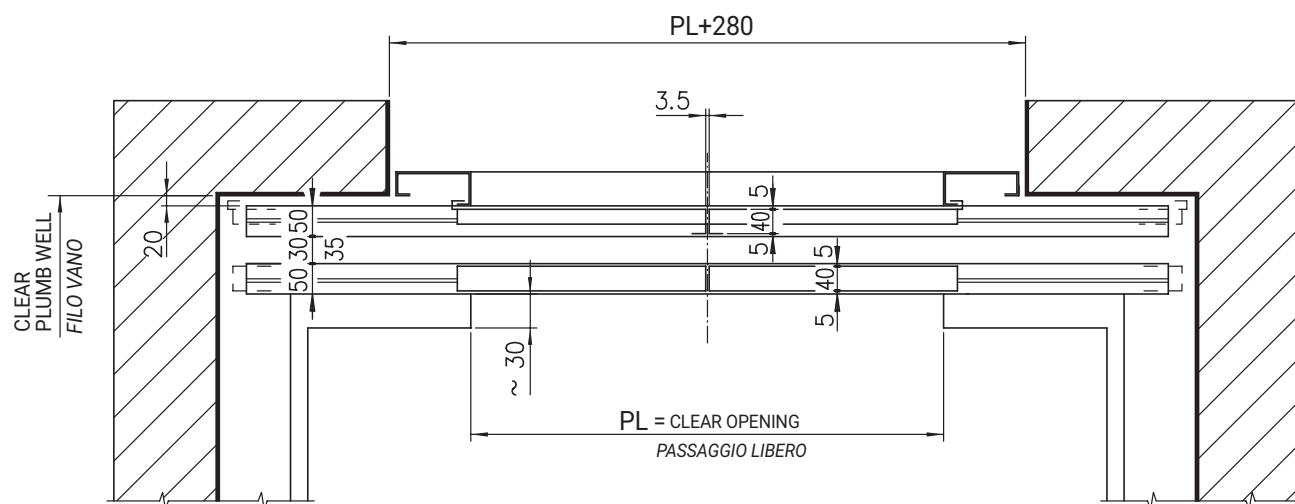
PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 3.5

ARRANGEMENT FOR TWO PANELS CENTRE PARTING DOOR, H. 3000 TYP 01/C-L H. 3000 PLUS TYP 02/C
ACCOPPIAMENTO PER PORTA 2 ANTE OPPOSTE

EN81-58 CLASS "E120"
EN81-58 CLASSE "E120"

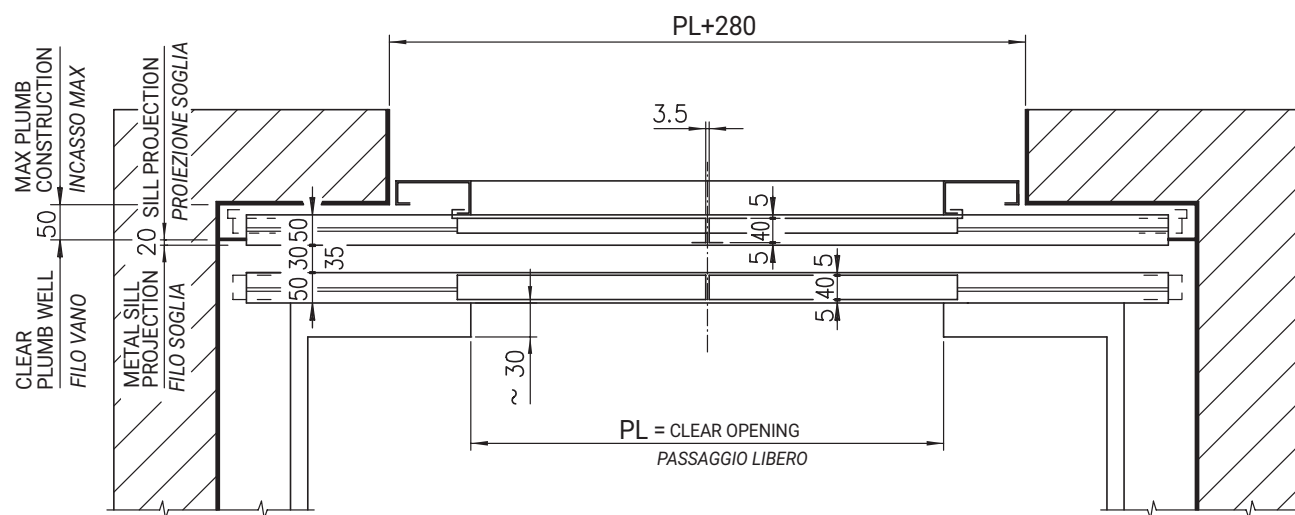
3201 - HYDRA3000, TYP 01/C



3201 - HYDRA 3000 PLUS, TYP 02/C

WALL INSTALLATION
MONTAGGIO A SBALZO

3201 - HYDRA3000, TYP 01/C



3201 - HYDRA 3000 PLUS, TYP 02/C

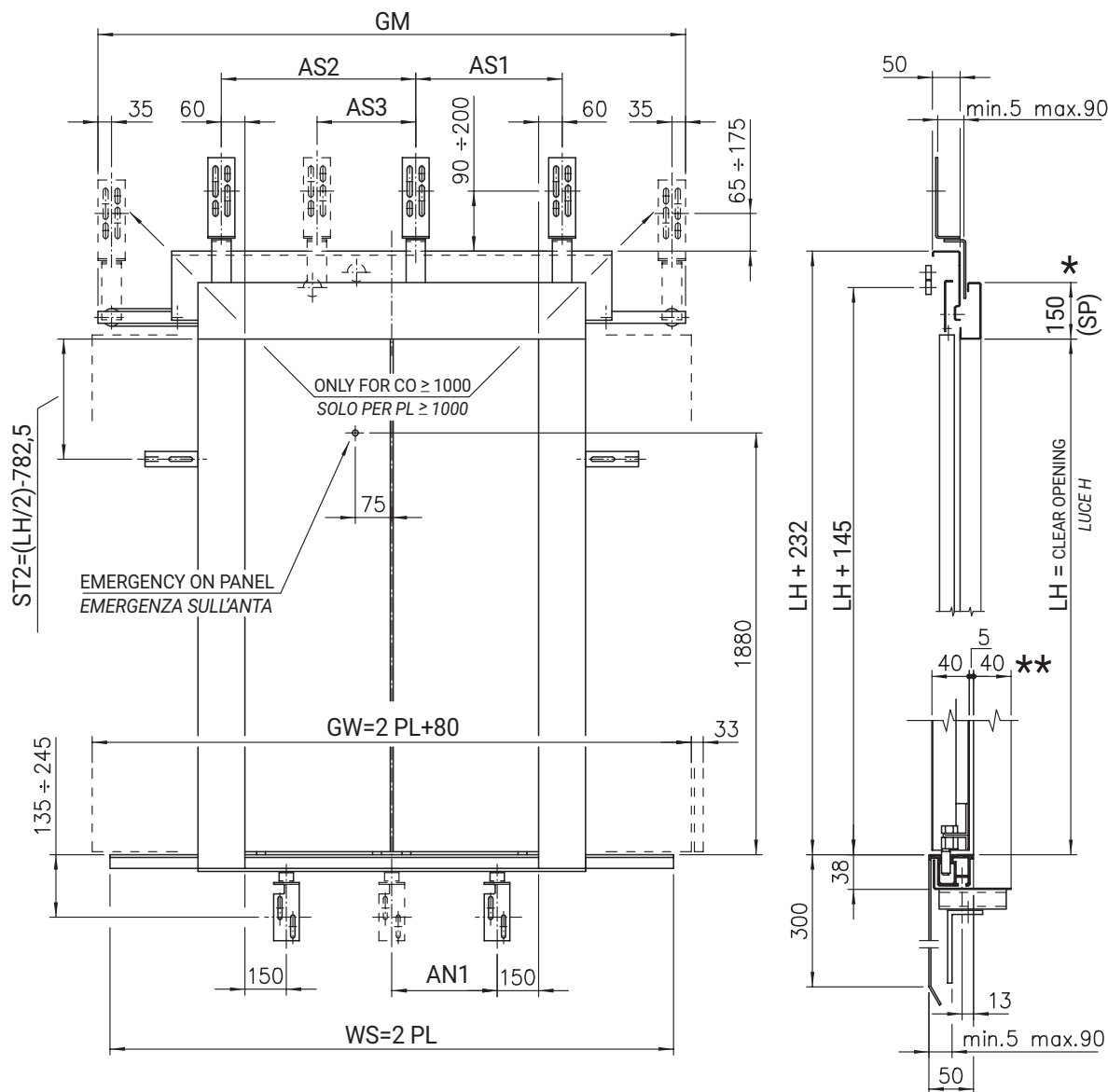
NICHE INSTALLATION
MONTAGGIO IN NICCHIA

HYDRA 3000 CAR DOORS AND LANDING DOORS

PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 3.6

TWO PANELS ACCORDING TO DIN 18091 CENTRE PARTING LANDING DOOR, TYP 01/C PL=600÷1200
PORTA DI PIANO A NORME DIN 18091 2 ANTE OPPOSTE



DIMENSIONS CHANGEABLE ON REQUEST
QUOTE VARIABILI A RICHIESTA

* 80 ÷ 150
** 30

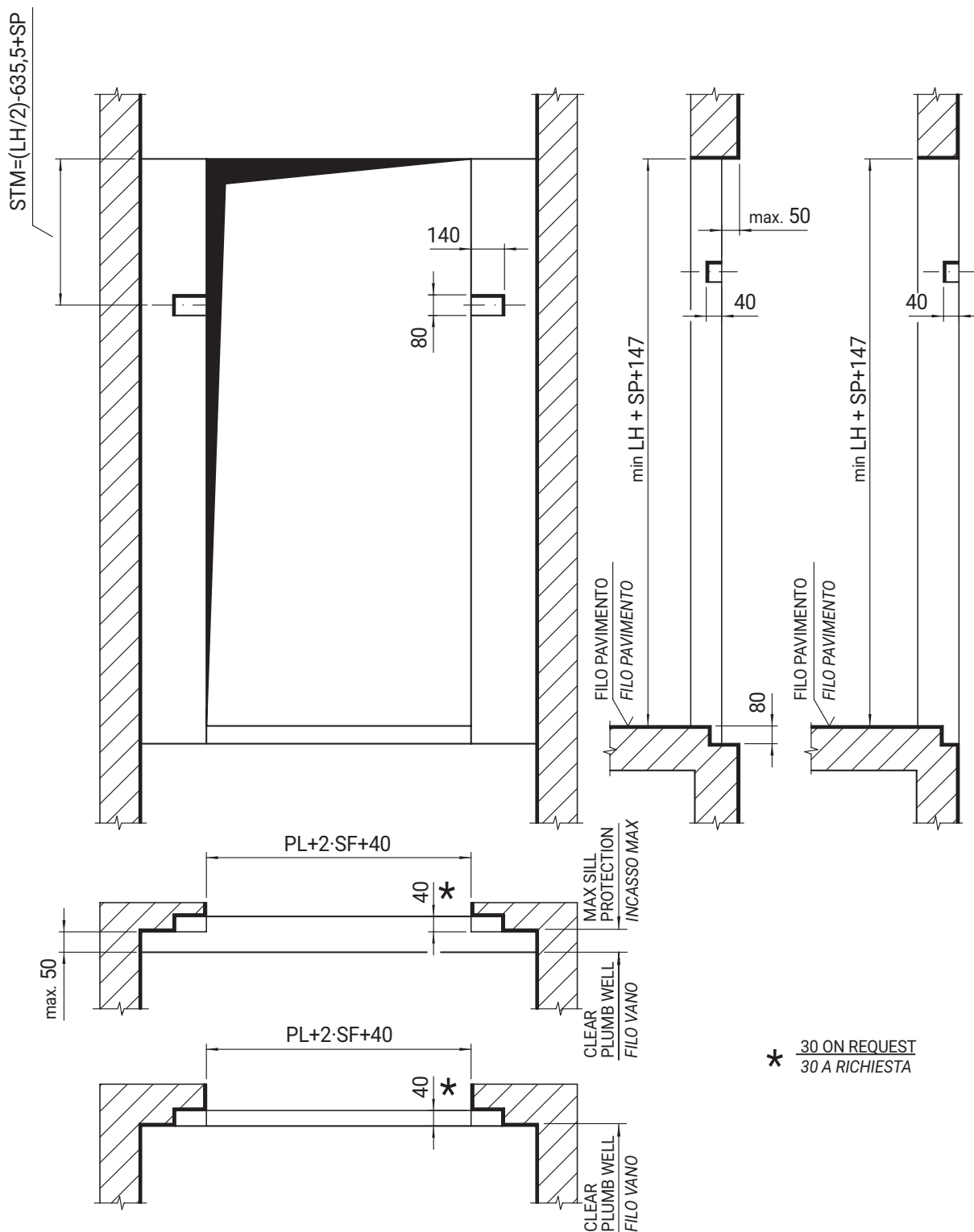
PL	GM	GW	AS1	AS2	AS3	AN1
600	1290	1280	360	360		
650	1340	1380	385	385		
700	1460	1480	410	410		
750	1610	1580	435	435		
800	1660	1680	460	460		
850	1710	1780	485	485		
900	1890	1880	510	510		300
950	1940	1980	535	535		325
1000	2080	2080	560	560		350
1050	2130	2180	585	585		375
1100	2230	2280	610	610		400
1150	2380	2380	635	635	400	425
1200	2490	2480	660	660		450

HYDRA 3000 CAR DOORS AND LANDING DOORS

PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 3.7

SHAFT WALL ACCORDING TO DIN 18091 FOR TWO PANELS CENTRE PARTING LANDING DOOR, TYP 01/C
VANO MURATURA PER PORTA A NORME DIN 18091 2 ANTE OPPOSTE



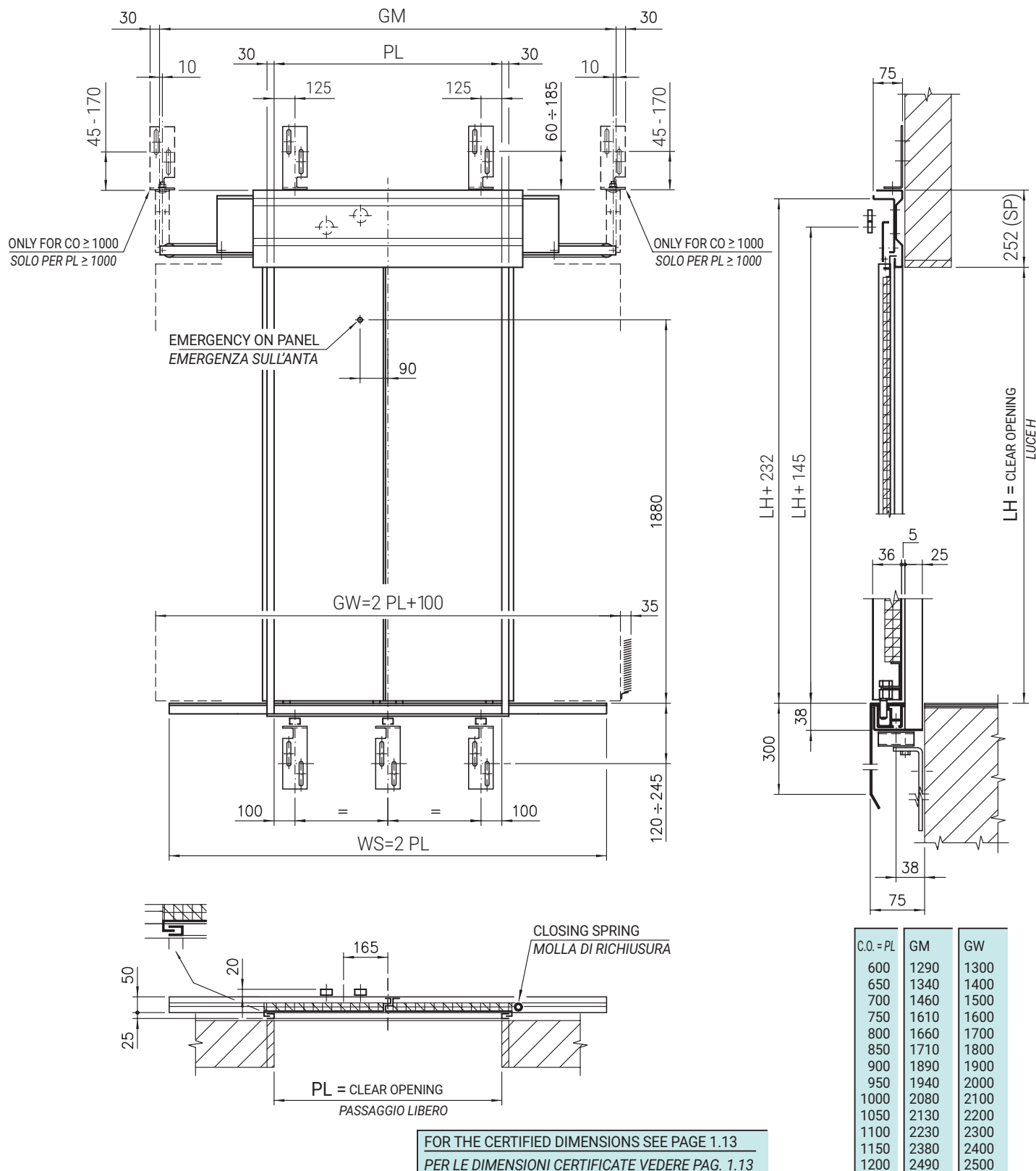


HYDRA 3000 CAR DOORS AND LANDING DOORS

PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 3.8

TWO PANELS CLASS "EI" FIRE RESISTANT "SLIM" CENTRE PART. LANDING DOOR, TYPE 01/C PL=600 ÷ 1200
PORTA DI PIANO 2 ANTE OPPOSITE "SLIM" RESISTENTE AL FUOCO CLASSE "EI", TIPO 01/C

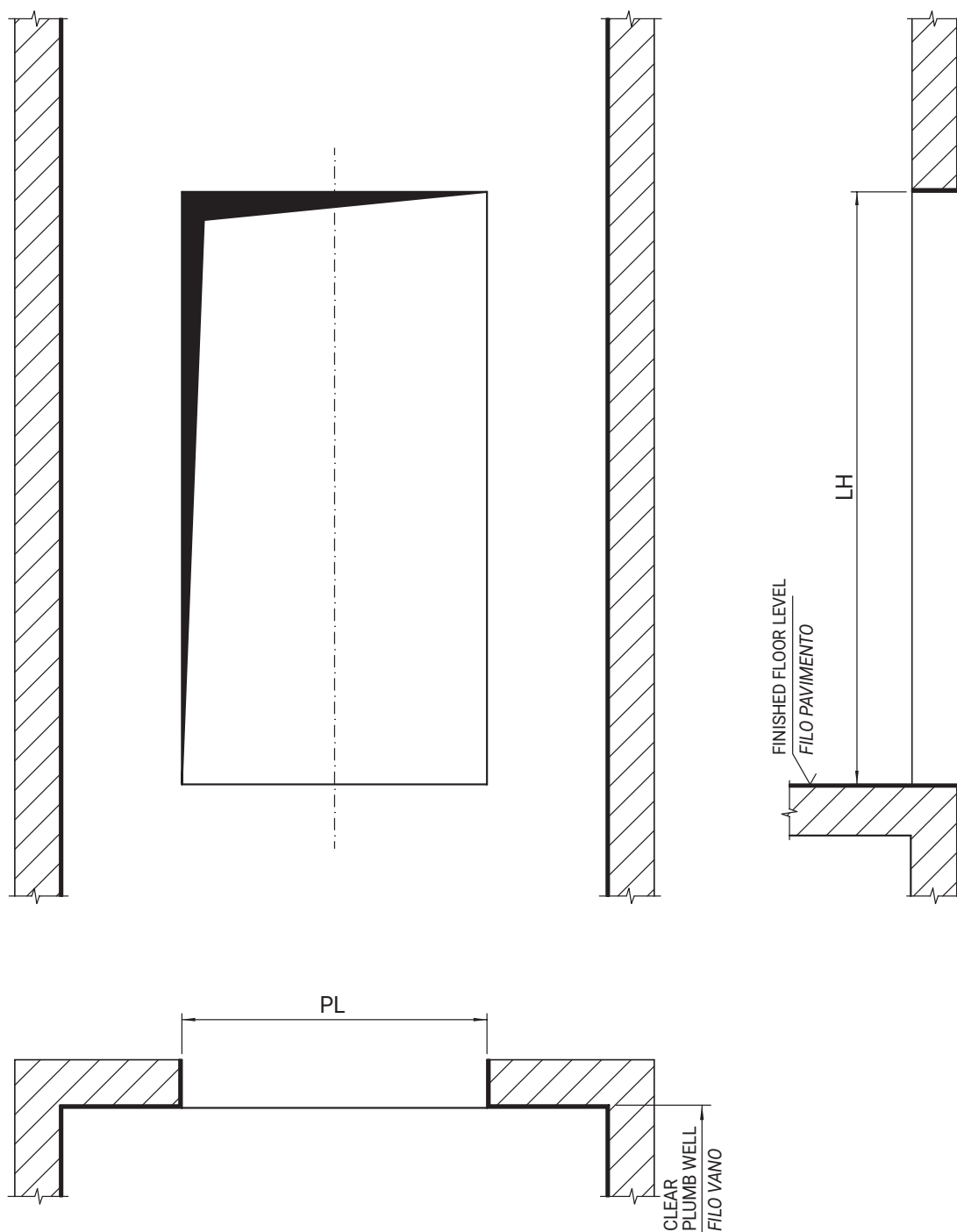




HYDRA 3000 CAR DOORS AND LANDING DOORS
PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 3.10

SHAFT WALL FOR TWO PANELS FIRE-RESISTANT CENTRE PARTING LANDING DOORS, TYP 01/C
VANO MURATURA PER PORTE RESISTENTI AL FUOCO 2 ANTE OPPOSTE

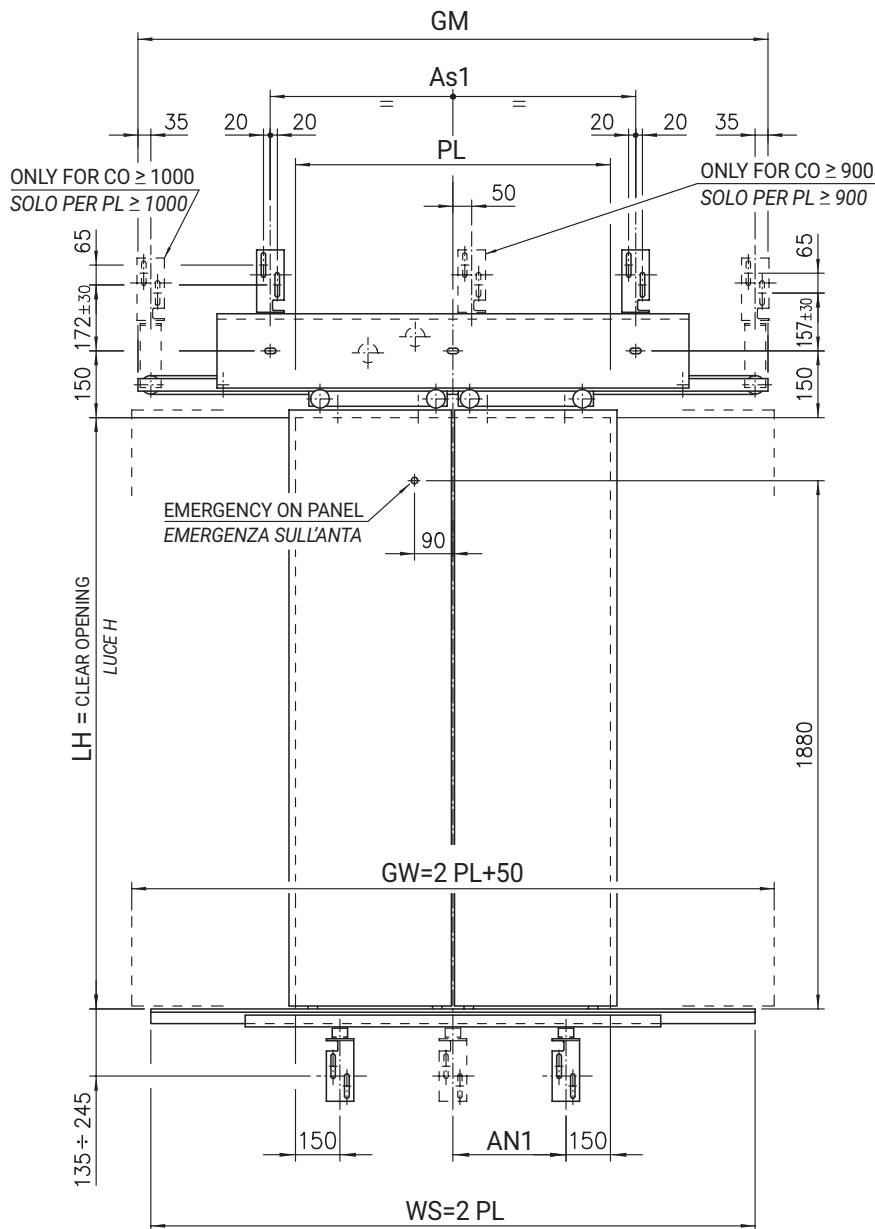




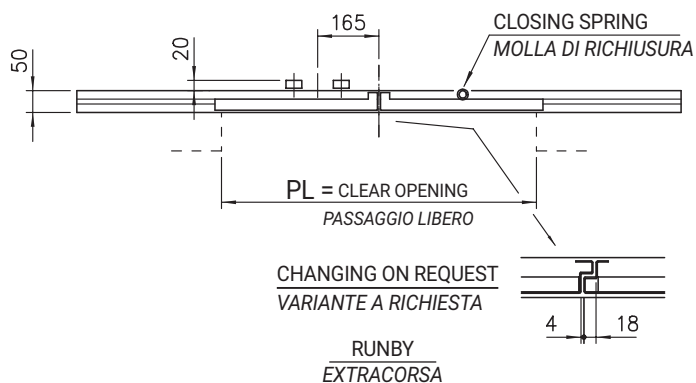
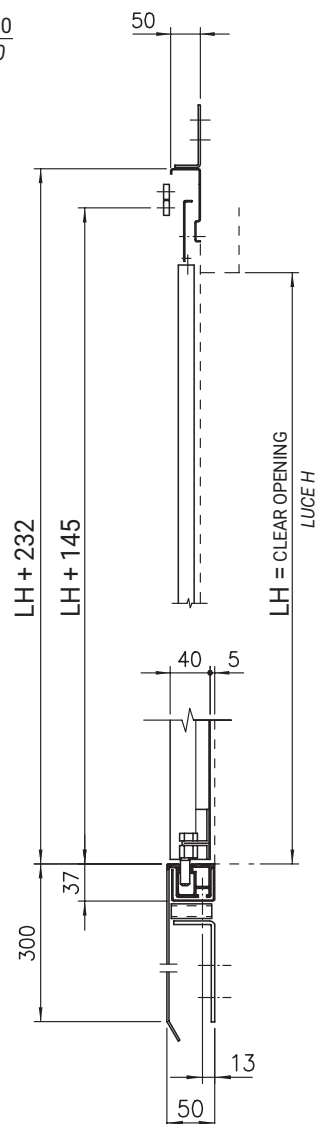
HYDRA 3000 CAR DOORS AND LANDING DOORS PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 3.11

TWO PANELS CENTRE PARTING LANDING DOOR, TYP 01/C PL=600÷1200 PORTA DI PIANO STANDARD 2 ANTE OPPOSTE



DIRECT WALL INSTALLATION FISSAGGI DIRETTI AL MURO



PL	GM	GW	As1	AN1
600	1290	1250	760	/
650	1340	1350		
700	1460	1450		
750	1610	1550		
800	1660	1650		
850	1710	1750	1000	300
900	1890	1850		
950	1940	1950		
1000	2080	2050		
1050	2130	2150		
1100	2230	2250	1200	375
1150	2380	2350		
1200	2490	2450		

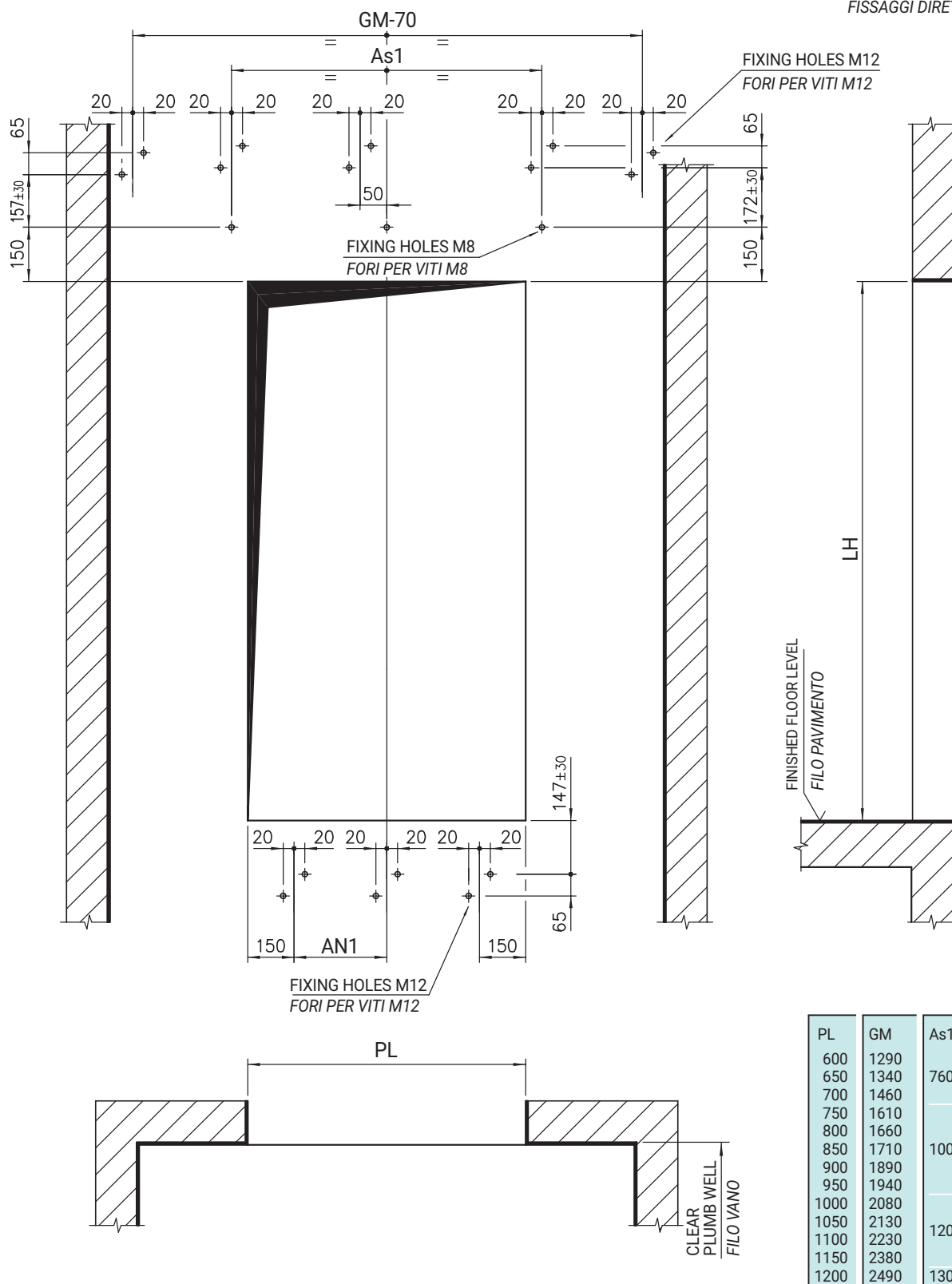


HYDRA 3000 CAR DOORS AND LANDING DOORS PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 3.12

SHAFT WALL FOR TWO PANELS CENTRE PARTING LANDING DOOR, TYP 01/C VANO MURATURA PER PORTA 2 ANTE OPPOSITE

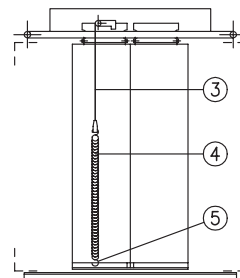
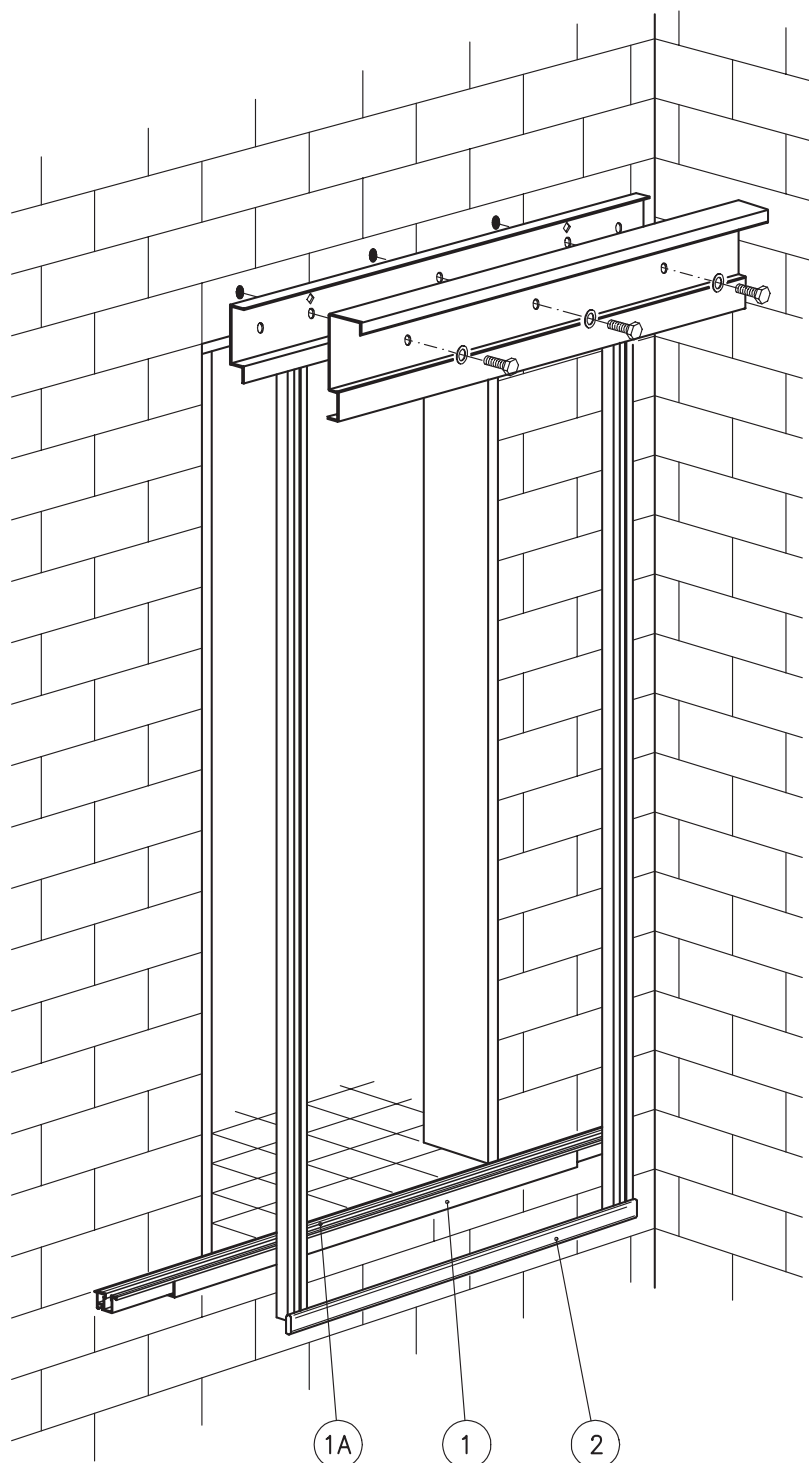
DIRECT WALL INSTALLATION
FISSAGGI DIRETTI AL MURO



HYDRA 3000 CAR DOORS AND LANDING DOORS PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 3.13

ASSEMBLY WITH RECOVERING DRILLING TEMPLATE - TWO PANELS CENTRE PARTING LANDING DOOR, TYP 01/C
MONTAGGIO CON DIME DI FORATURA RECUPERABILI - PORTA 2 ANTE OPPOSTE



ASSEMBLY INSTRUCTIONS

1. Fix the sill (1) at finished floor level and at requested distance.
2. Insert the template lower profile (2) into the sliding guide (1A) of the sill and ensure it is at floor finishing and centered.
3. Drill holes in the wall using template, remove it and position the door hanger.
4. ATTENTION! Hook the spring (4) to the rope (3) connecting the other side of the spring by means of the "S" hook (5) to the lower panel head.

NORME DI MONTAGGIO

1. Fissare la soglia (1) a livello del pavimento finito ed alla distanza.
2. Inserire il profilo inferiore della dima (2) nel canale di scorrimento (1A) della soglia e controllare che la dima sia a piombo e centrata rispetto a quello che sarà il centro della porta.
3. Praticare i fori sul muro utilizzando come maschera i fori della dima, quindi rimuoverla e posizionare il meccanismo di sospensione della porta.
4. ATTENZIONE: Agganciare la molla (4) alla fune (3) e fissare l'altra estremità della molla tramite il gancio ad "S" (5) alla testata inferiore dell'antenna.



HYDRA 3000 CAR DOORS AND LANDING DOORS PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 4.1

THREE PANELS TELESCOPIC CAR DOOR, TYP 35/R-L PL=600÷1150
PORTA DI CABINA TELESCOPICA 3 ANTE, TIPO 35/R-L PL=600÷1150

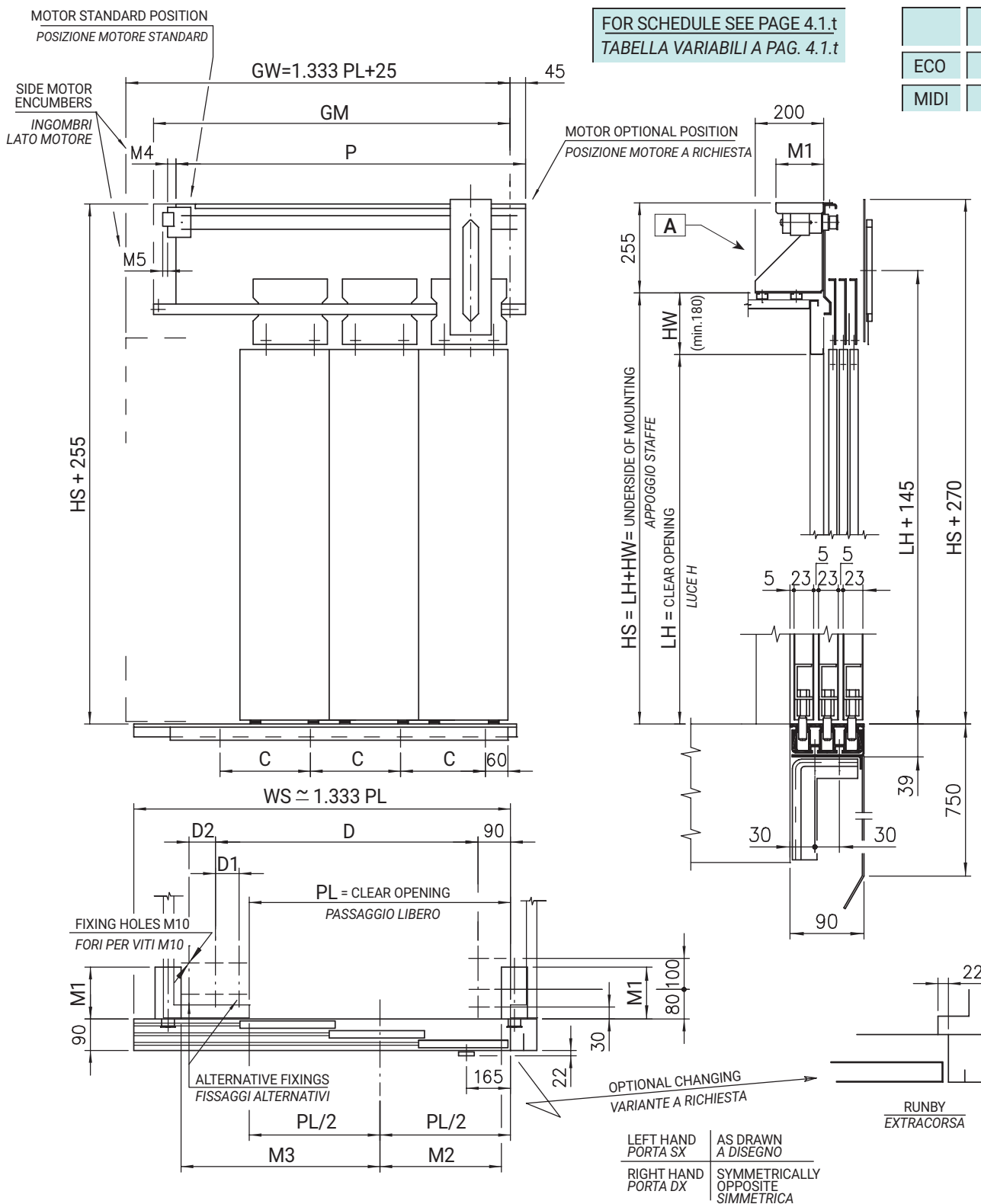
NOTE

FOR APPLICATION OF ECO DRIVE SEE PAGE 1.4.1
APPLICAZIONE MOTORIZZAZIONE ECO SECONDO PAGINA 1.4.1

A DETAIL ON PAGE 1.10
DETTAGLIO PAG. 1.10

FOR SCHEDULE SEE PAGE 4.1.t
TABELLA VARIABILI A PAG. 4.1.t

	M1
ECO	135
MIDI	180



Subject to change without notice!

Soggetto a modifica senza preavviso!



HYDRA 3000 CAR DOORS AND LANDING DOORS PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 4.2

THREE PANELS TELESCOPIC CAR DOOR, TYP 35/R-L PL=600÷1150
PORTA DI CABINA TELESCOPICA 3 ANTE, TIPO 35/R-L PL=600÷1150

★ ★	PL	TOTAL WEIGHT PESO TOTALE kg LH=2000	C	D	D1	D2	GW	WS	GM	P
	600	85	228	605	/	/	825	825	875	920
	650	86		742	163		891	885	925	970
	700	87					958	930	975	1020
	750	88	250	772			217	1025	1000	1025
	800	90		1091	1060			1100	1145	
	850	94		1158	1130			1150	1195	
	900	98	325	822	1225			1200	1225	1270
	950	99			1291			1250	1275	1320
	1000	105			1358		1330	1325	1370	
1050	108	400	1047		/	62	1425	1400	1375	1420
1100	111					163	1491	1450	1425	1470
1150	114			225		1558	1530	1560	1605	

ATTENTION: GM > GW
* ATTENZIONE: GM > GW

PL	M2	M3	M4	M5
600	280	510	25	12.5
650	305	535		
700	330	560		
750	355	585	/	7
800	380	635		
850	405	660		
900	430	710		
950	455	735		
1000	480	760		
1050	505	785		
1100	530	810		
1150	555	920		

HYDRA 3000 CAR DOORS AND LANDING DOORS

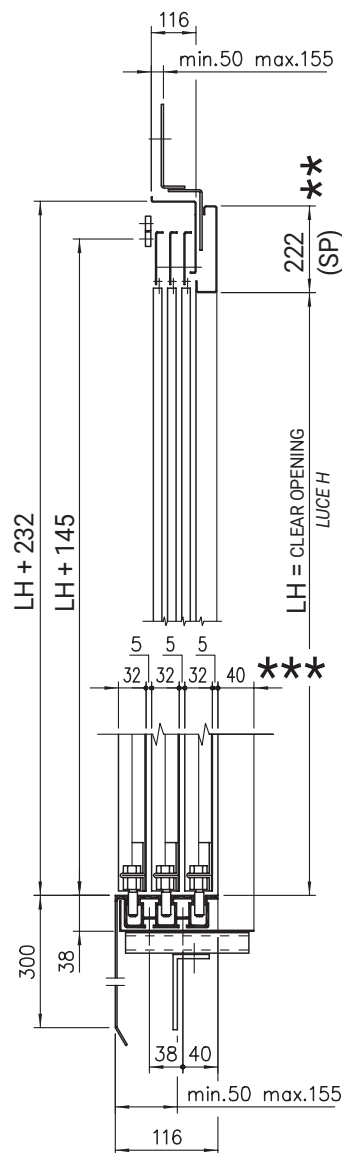
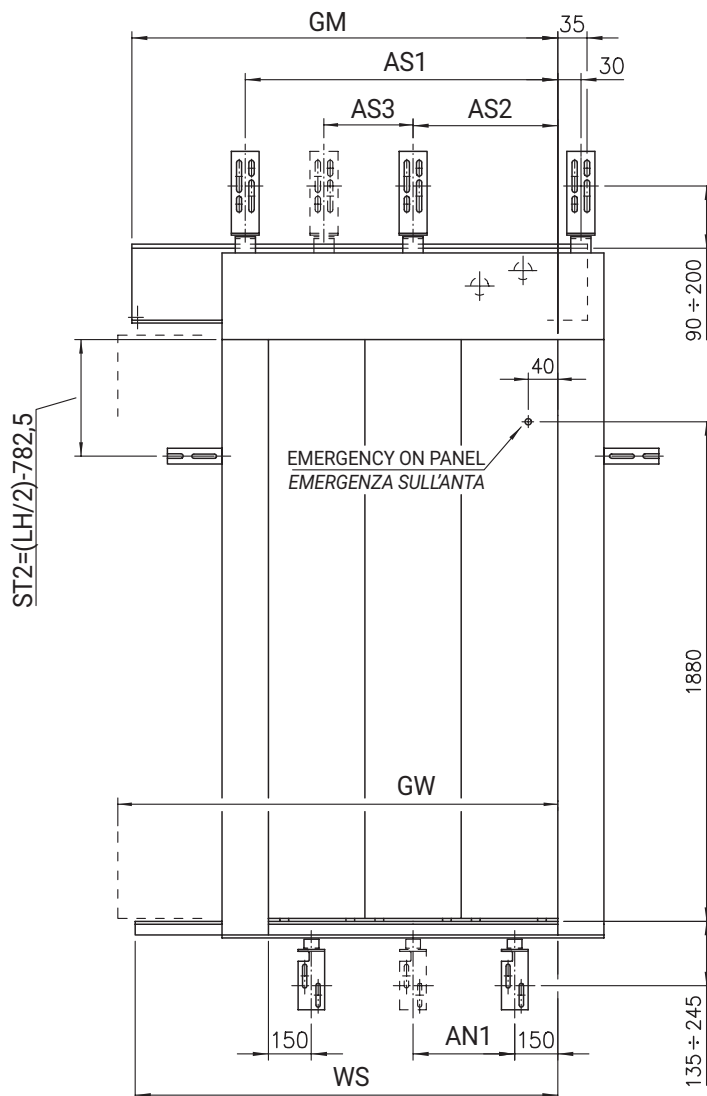
PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice **TC.2.000075.EN**
 Version/Versione **H**
 Date/Data **03.07.2023**
 Page/Pagina **4.3**

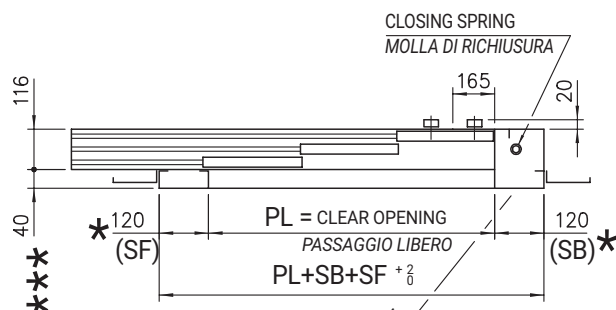


THREE PANELS STANDARD TELESCOPIC LANDING DOOR, TYP 31/R-L PL=600÷1150

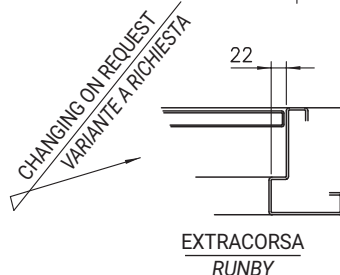
PORTA DI PIANO STANDARD TELESCOPICA 3 ANTE



LEFT HAND PORTA SX AS DRAWN A DISEGNO
 RIGHT HAND PORTA DX SYMMETRICALLY OPPOSITE SIMMETRICA



DIMENSIONS CHANGEABLE ON REQUEST QUOTE VARIABILI A RICHIESTA	
*	80 ÷ 200
**	80 ÷ 222
***	30



CHANGING ON REQUEST:
 FLOOR LEVEL FRAMES
 VARIANTE A RICHIESTA:
 STIPITI A FILO PAVIMENTO

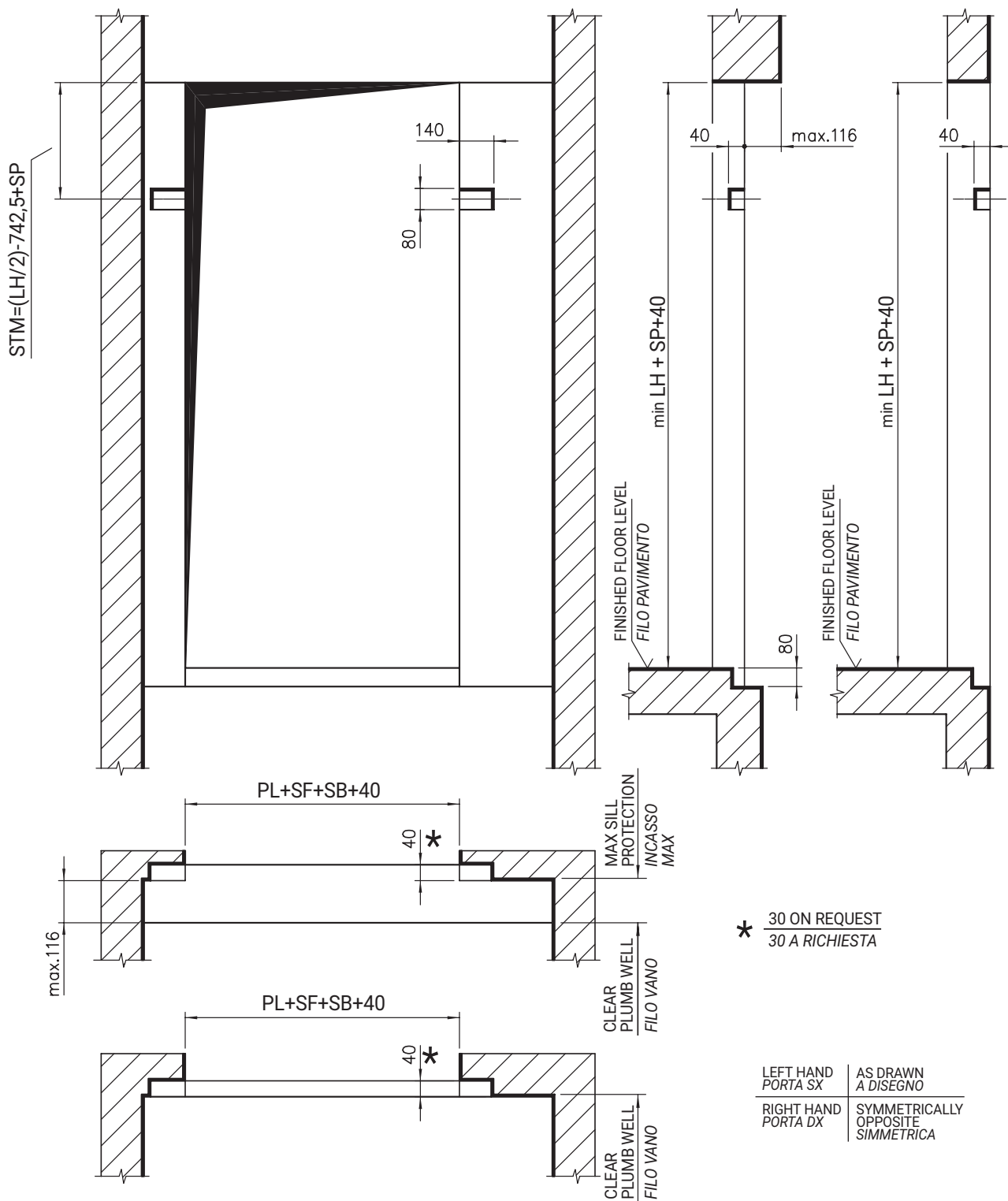
PL	GW	GM	WS	AS1	AS2	AS3	AN1
600	825	845	825	660	315		
650	892	895	890	710	340		
700	958	945	945	760	365	/	/
750	1025	1045	1000	810	390		
800	1092	1095	1060	860	415		
850	1158	1145	1130	910	440		
900	1225	1245	1200	960	465		300
950	1292	1295	1250	1010	490		325
1000	1358	1345	1330	1060	515		350
1050	1425	1395	1400	1110	535		375
1100	1492	1510	1450	1160	360	390	400
1150	1558	1560	1530	1210	380	410	425

HYDRA 3000 CAR DOORS AND LANDING DOORS

PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 4.4

SHAFT WALL FOR THREE PANELS TELESCOPIC LANDING DOOR, TYP 31/R-L
VANO MURATURA PER PORTA TELESCOPICA 3 ANTE

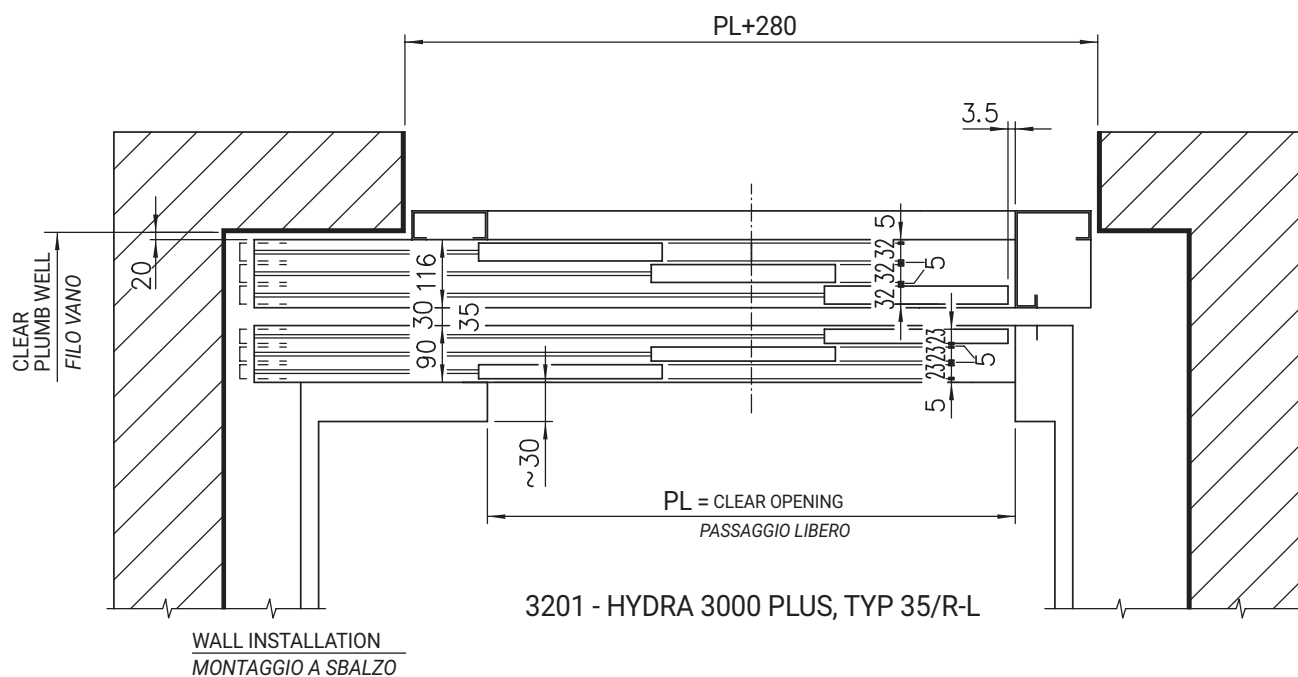


HYDRA 3000 CAR DOORS AND LANDING DOORS PORTE DI CABINA E DI PIANO HYDRA 3000

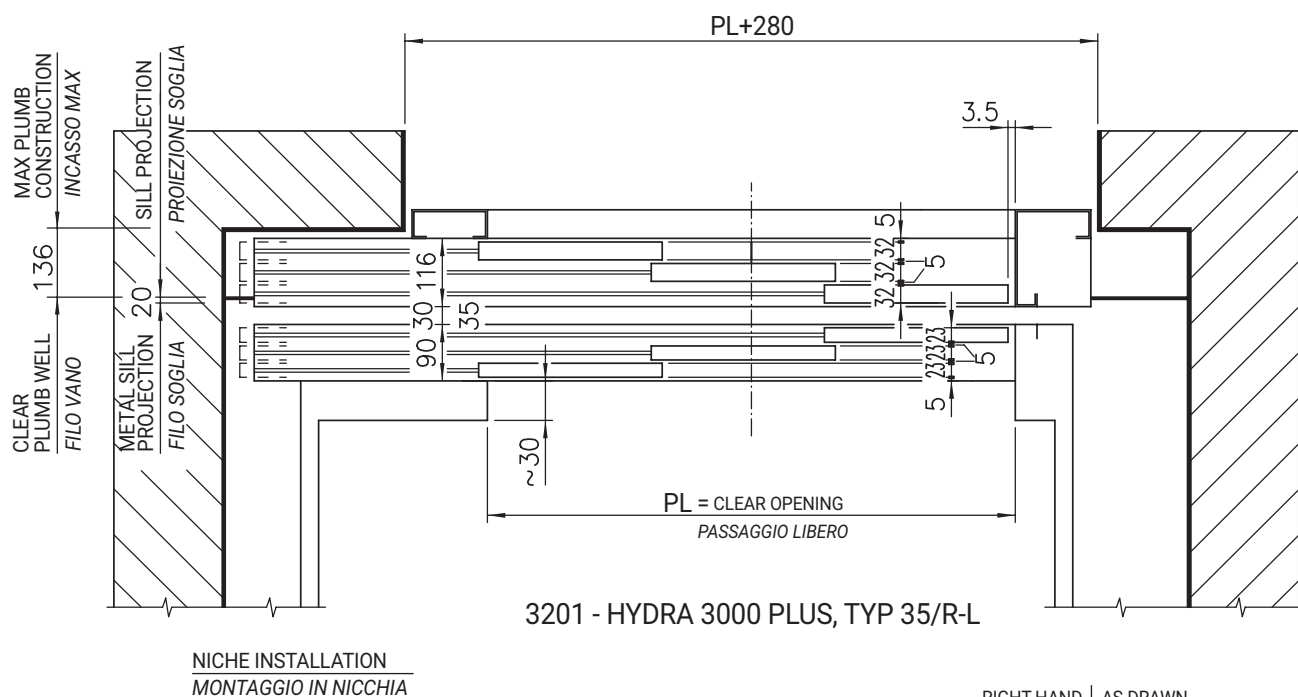
Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 4.4.2

ARRANGEMENT FOR THREE PANELS TELESCOPIC DOOR, H. 3000 TYP 31/R-L H. 3000 PLUS TYP 35/R-L
 ACCOPPIAMENTO PER PORTA TELESCOPICA 3 ANTE

3201 - HYDRA3000, TYP 31/R-L



3201 - HYDRA3000, TYP 31/R-L



RIGHT HAND PORTA DX	AS DRAWN A DISEGNO
LEFT HAND PORTA SX	SYMMETRICALLY OPPOSITE SIMMETRICA

HYDRA 3000 CAR DOORS AND LANDING DOORS

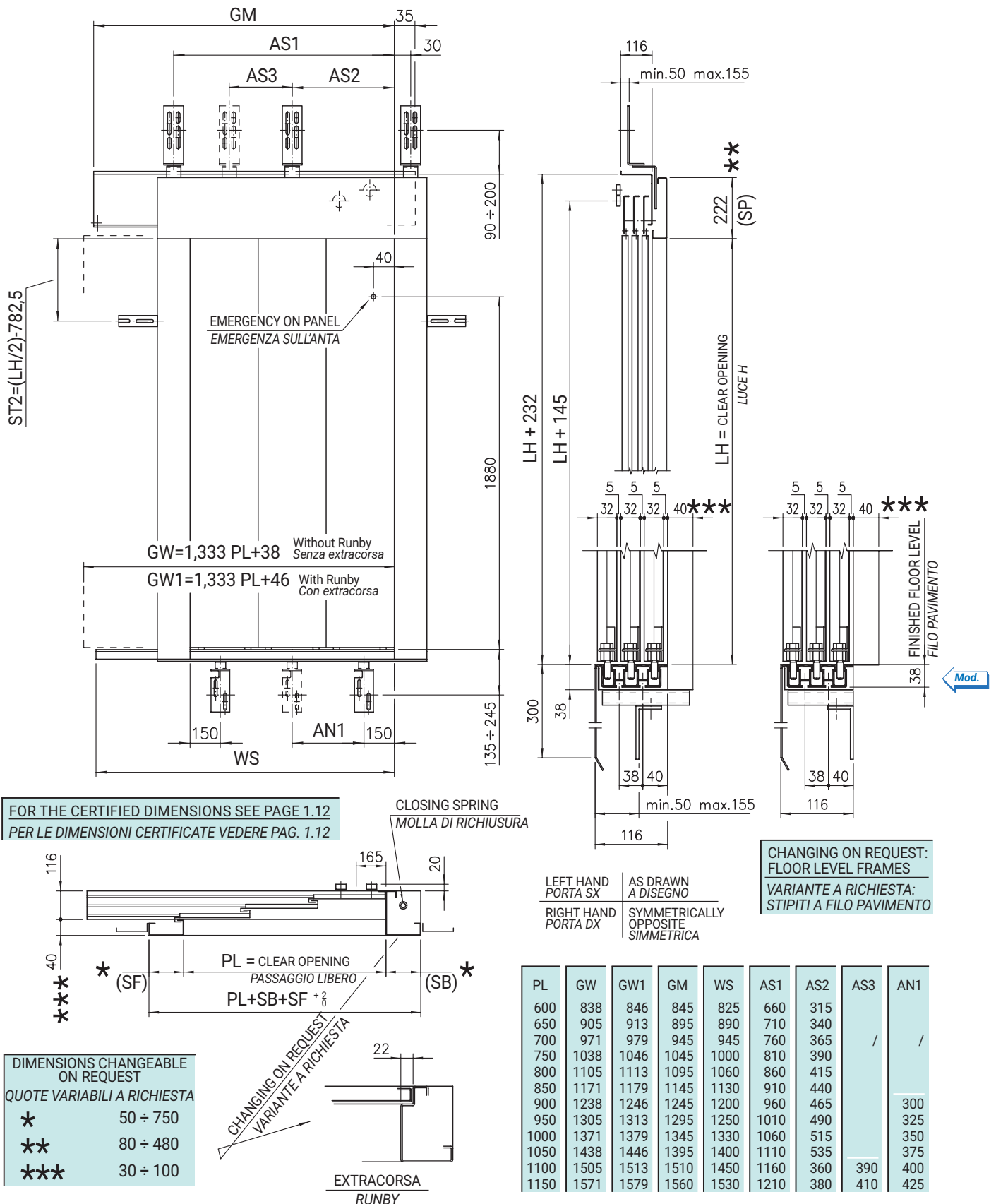
PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice **TC.2.000075.EN**
Version/Versione **H**
Date/Data **03.07.2023**
Page/Pagina **4.4.3**



THREE PANELS EN81-58 CLASS "E120" TELESCOPIC LANDING DOOR, TYP 31/R-L PL=600÷1150

PORTA DI PIANO EN81-58 CLASSE "E120" TELESCOPICA 3 ANTE



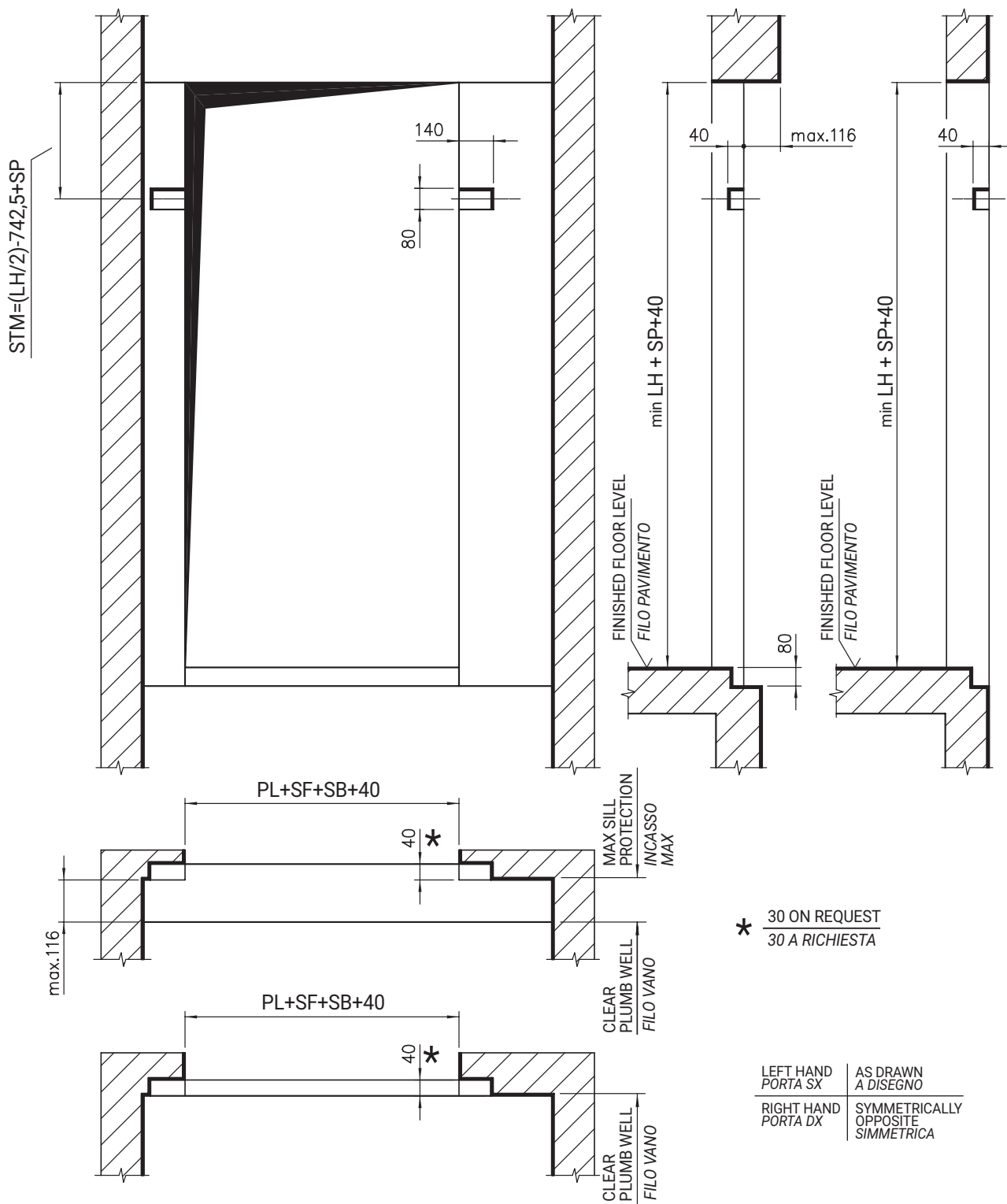


HYDRA 3000 CAR DOORS AND LANDING DOORS PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 4.4.4

SHAFT WALL FOR THREE PANELS EN81-58 CLASS "E120" TELESCOPIC LANDING DOOR, TYP 31/R-L

VANO MURATURA PER PORTA EN81-58 CLASSE "E120" TELESCOPICA 3 ANTE, TIPO 31/R-L



HYDRA 3000 CAR DOORS AND LANDING DOORS PORTE DI CABINA E DI PIANO HYDRA 3000

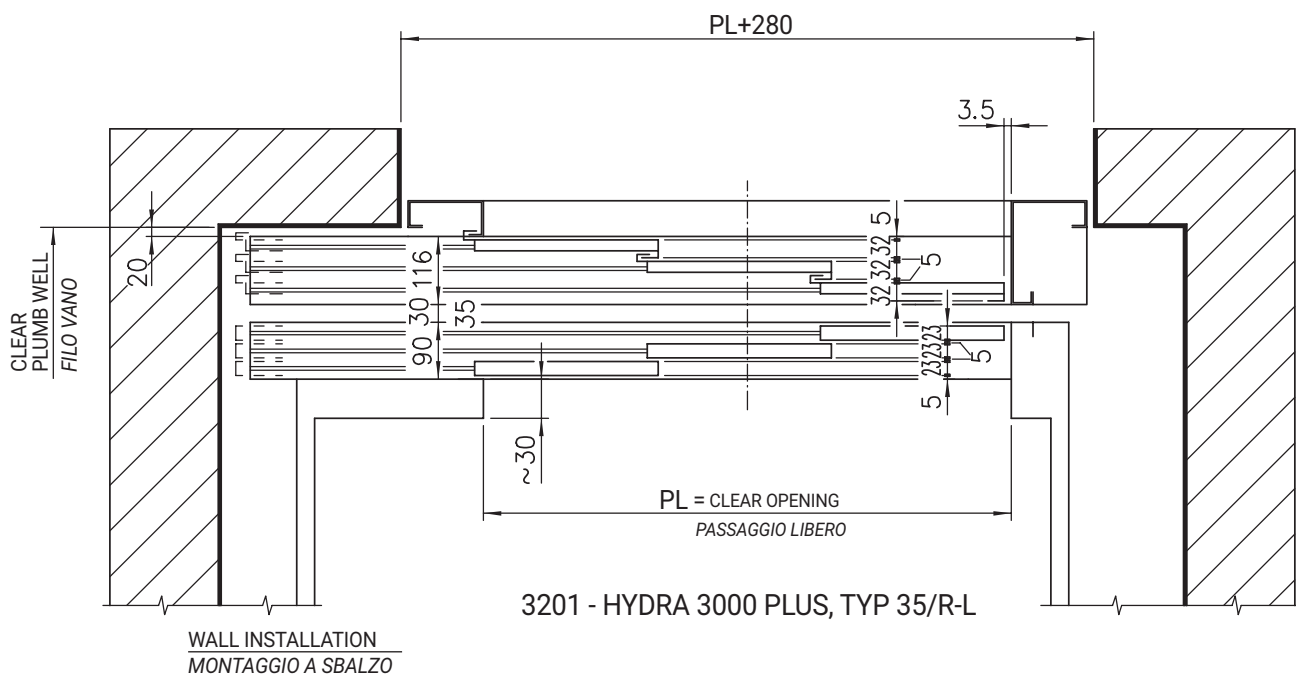
Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 4.5

ARRANGEMENT FOR THREE PANELS TELESCOPIC DOOR, H. 3000 TYP 31/R-L H. 3000 PLUS TYP 35/R-L
 ACCOPPIAMENTO PER PORTA TELESCOPICA 3 ANTE

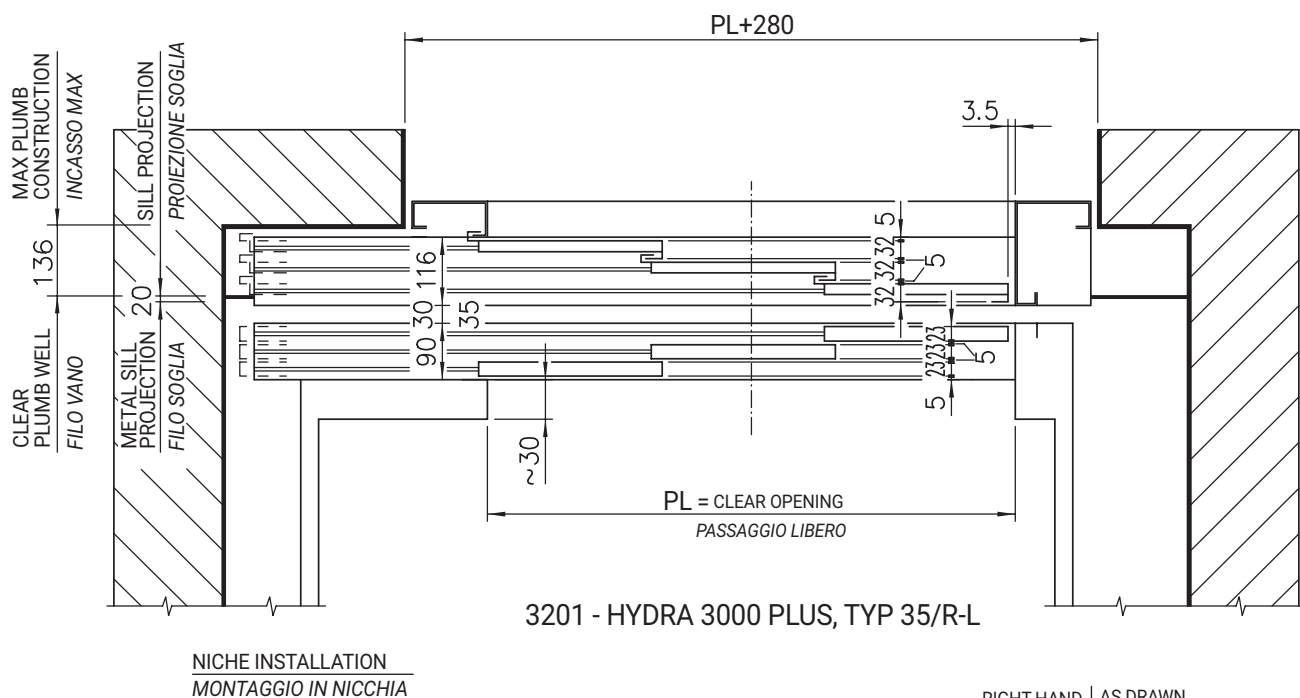
EN81-58 CLASS "E120"

EN81-58 CLASSE "E120"

3201 - HYDRA3000, TYP 31/R-L



3201 - HYDRA3000, TYP 31/R-L



RIGHT HAND PORTA DX	AS DRAWN A DISEGNO
LEFT HAND PORTA SX	SYMMETRICALLY OPPOSITE SIMMETRICA

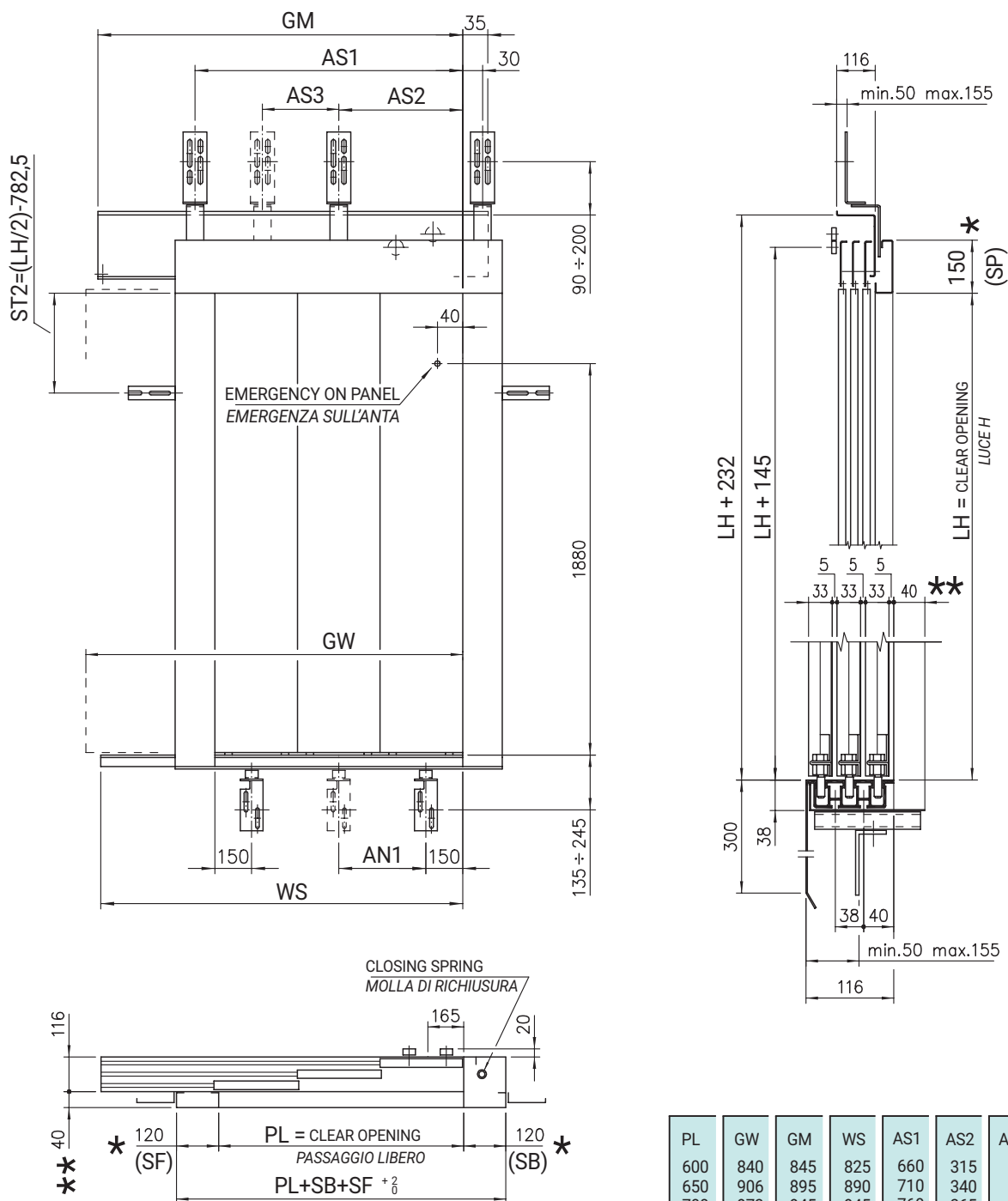


HYDRA 3000 CAR DOORS AND LANDING DOORS

PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 4.6

THREE PANELS ACCORDING TO DIN 18091 TELESCOPIC LANDING DOOR, TYP 31/R-L PL=600÷1150
PORTA DI PIANO A NORME DIN 18091 TELESCOPICA 3 ANTE



LEFT HAND PORTA SX AS DRAWN A DISEGNO
RIGHT HAND PORTA DX SYMMETRICALLY OPPOSITE SIMMETRICA

DIMENSIONS CHANGEABLE ON REQUEST
QUOTE VARIABILI A RICHIESTA

* 80 ÷ 150
** 30

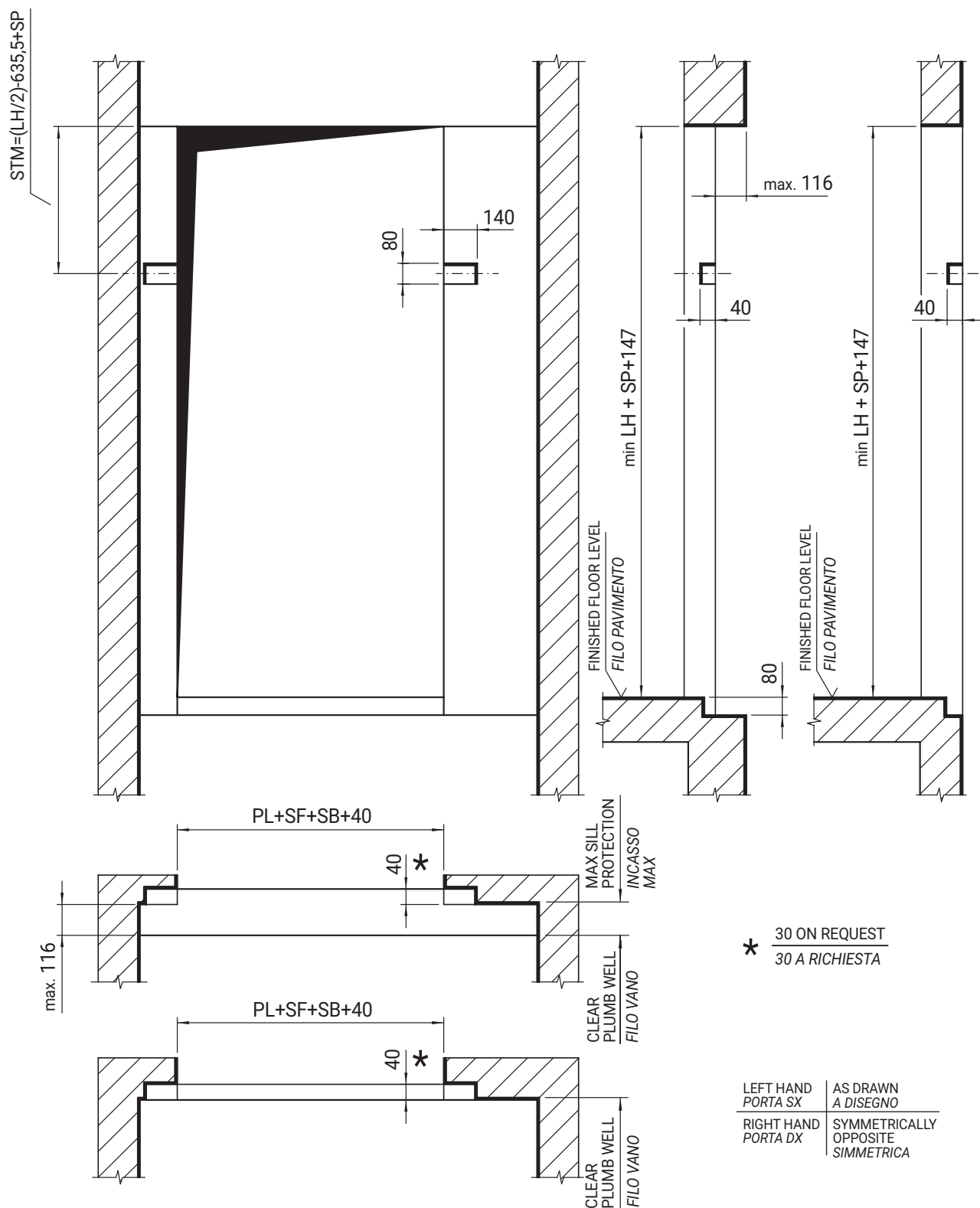
PL	GW	GM	WS	AS1	AS2	AS3	AN1
600	840	845	825	660	315		
650	906	895	890	710	340		
700	973	945	945	760	365		
750	1040	1045	1000	810	390		
800	1106	1095	1060	860	415		
850	1173	1145	1130	910	440		
900	1240	1245	1200	960	465		300
950	1306	1295	1250	1010	490		325
1000	1373	1345	1330	1060	515		350
1050	1440	1395	1400	1110	535		375
1100	1506	1510	1450	1160	360	390	400
1150	1573	1560	1530	1210	380	410	425

HYDRA 3000 CAR DOORS AND LANDING DOORS

PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 4.7

SHAFT WALL ACCORDING TO DIN 18091 FOR THREE PANELS TELESCOPIC LANDING DOOR, TYP 31/R-L
VANO MURATURA PER PORTA A NORME DIN 18091 TELESOPICA 3 ANTE





HYDRA 3000 CAR DOORS AND LANDING DOORS

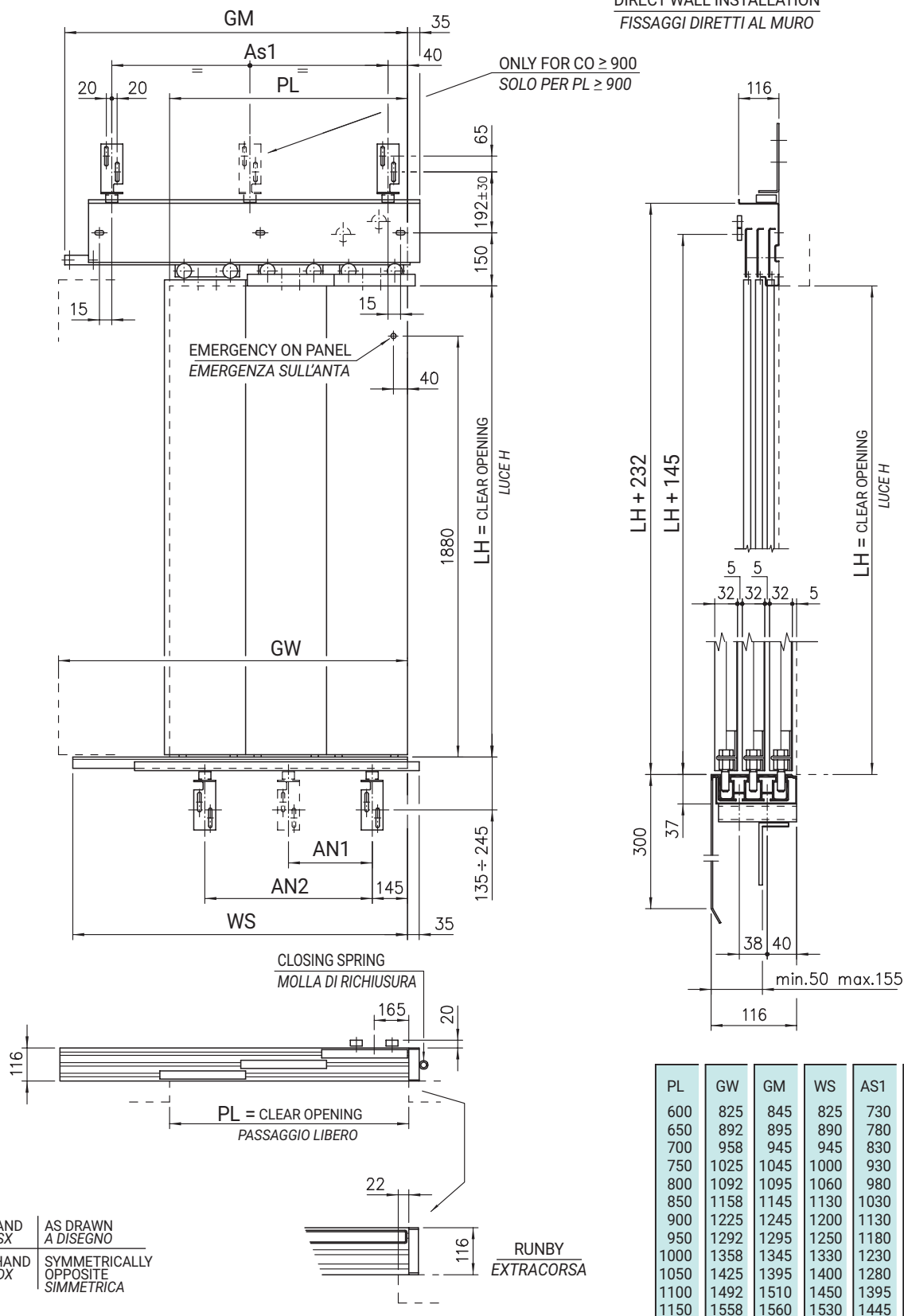
PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 4.8

THREE PANELS STANDARD TELESCOPIC LANDING DOOR, TYP 31/R-L PL=600÷1150

PORTA DI PIANO STANDARD TELESCOPICA 3 ANTE

DIRECT WALL INSTALLATION
FISSAGGI DIRETTI AL MURO



CHANGING ON REQUEST
VARIANTE A RICHIESTA

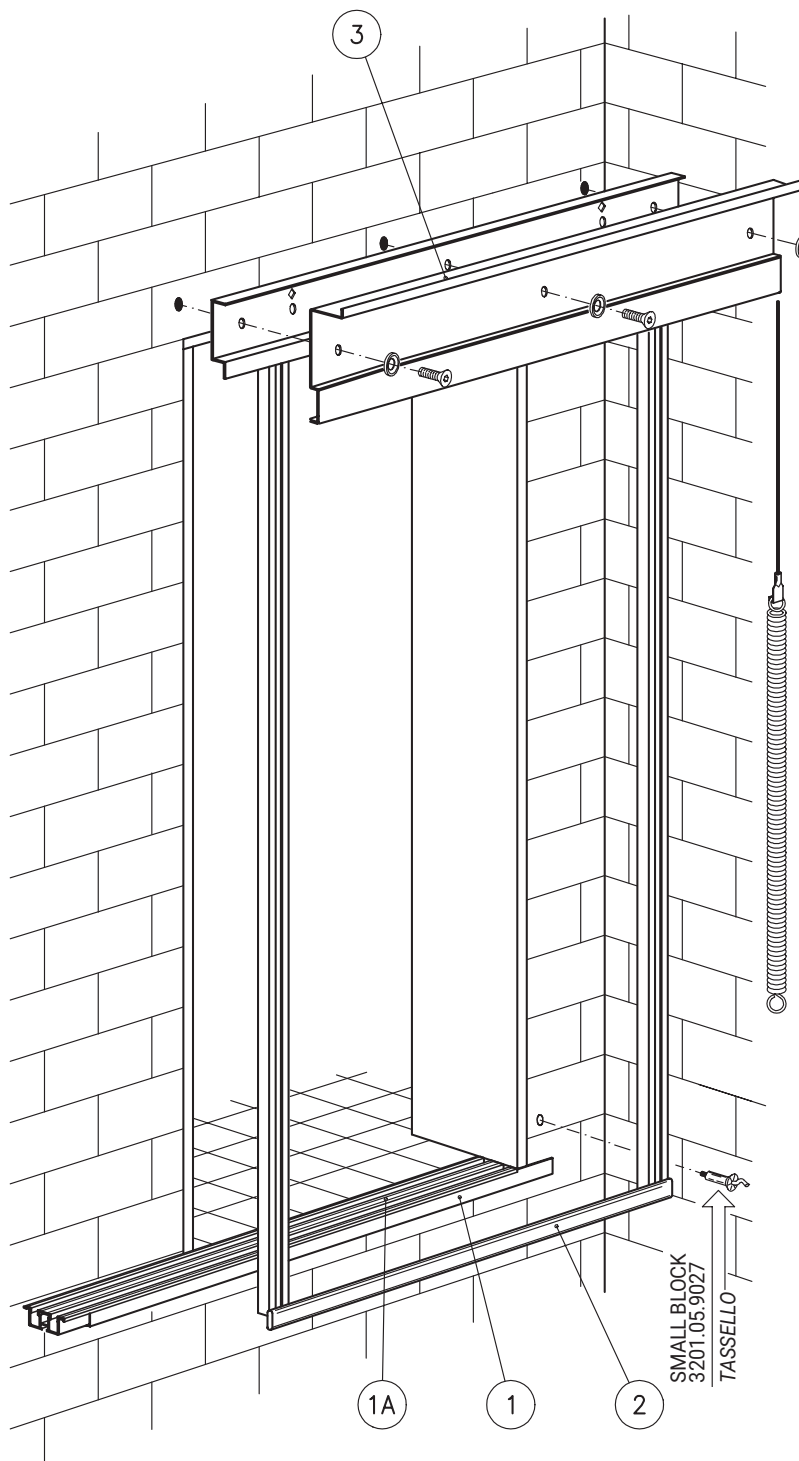
Subject to change without notice!

Soggetto a modifica senza preavviso!

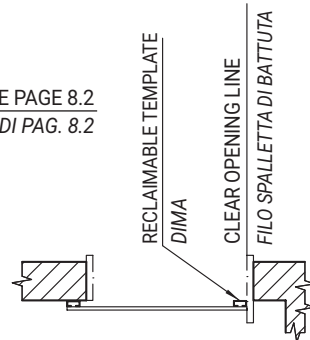
HYDRA 3000 CAR DOORS AND LANDING DOORS PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 4.10

ASSEMBLY WITH RECOVERING DRILLING TEMPLATE - THREE PANELS TELESCOPIC LANDING DOOR, TYP 31/R-L
MONTAGGIO CON DIME DI FORATURA RECUPERABILI - PORTA TELESCOPICA 3 ANTE



SEE PAGE 8.2
VEDI PAG. 8.2



ASSEMBLY INSTRUCTIONS ATTENTION:

- Before locating the marble use the template (2).
1. Fix the sill (1) at finished floor level and at requested distance.
 2. Insert the template lower profile (2) into the sliding guide (1A) of the sill and ensure it is at floor finishing and aligned to clear opening.
 3. Drill holes in the wall using the template, remove it and position the door hanger.

NORME DI MONTAGGIO ATTENZIONE:

- Utilizzare la dima (2) prima dell'applicazione dei marmi.
1. Fissare la soglia (1) a livello del pavimento finito ed alla distanza voluta.
 2. Inserire il profilo inferiore della dima (2) nel canale di scorrimento (1A) della soglia e controllare che la dima sia a piombo ed allineata a filo della spalletta di battuta.
 3. Praticare i fori sul muro utilizzando come maschera i fori della dima, quindi rimuoverla e posizionare il meccanismo di sospensione della porta.

RIGHT HAND PORTA DX	AS DRAWN A DISEGNO
LEFT HAND PORTA SX	SYMMETRICALLY OPPOSITE SIMMETRICA

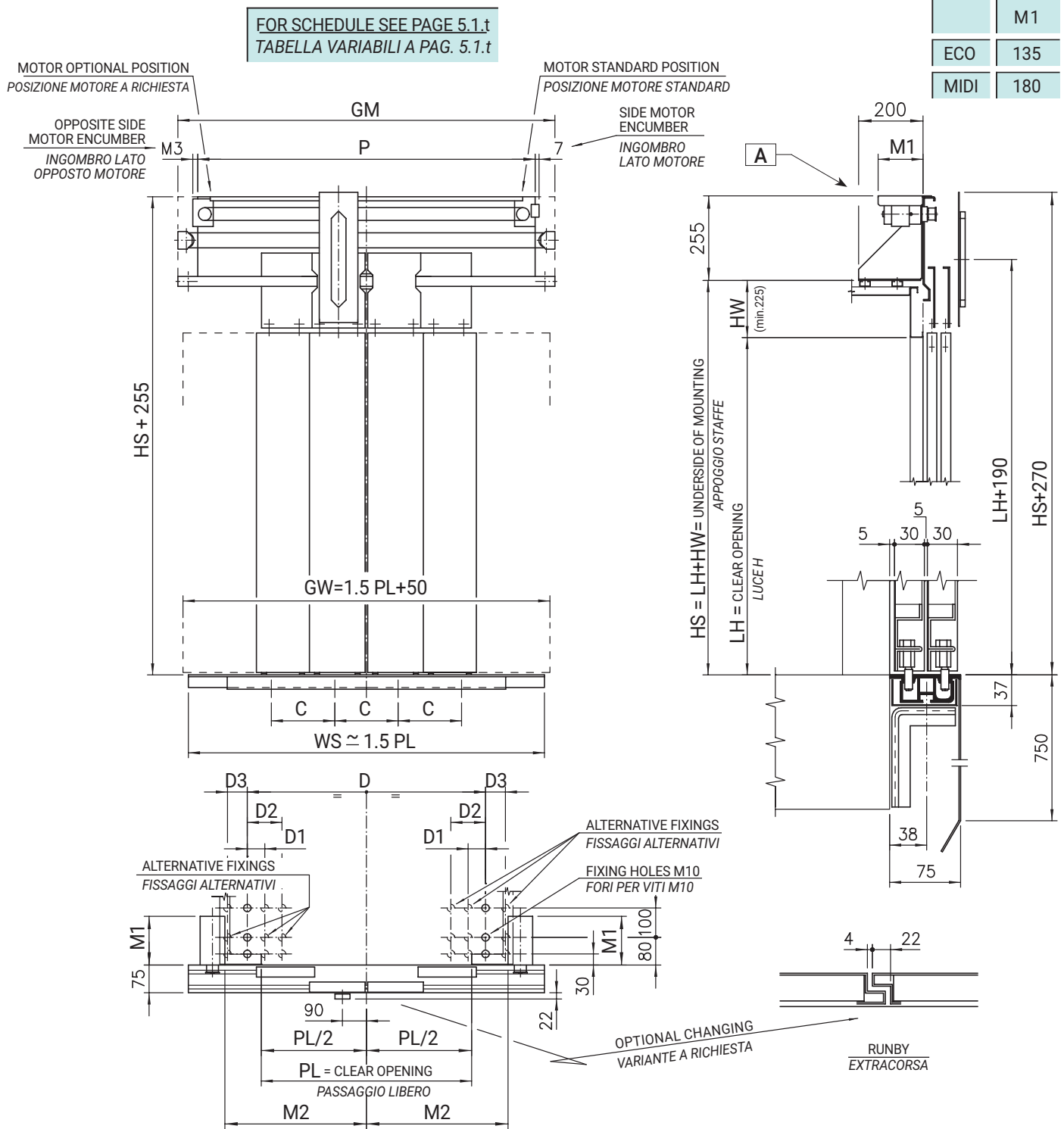
Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 5.1

FOUR PANELS CENTRAL OPENING CAR DOOR, TYP 44/R PL=600÷1150
PORTA DI CABINA 4 ANTE OPPOSITE, TIPO 44/R PL=600÷1150

NOTE

FOR APPLICATION OF ECO-MIDI DRIVE SEE PAGE 1.4.1
APPLICAZIONE MOTORIZZAZIONE ECO-MIDI SECONDO PAGINA 1.4.1

A DETAIL ON PAGE 1.10
DETTAGLIO PAG. 1.10





HYDRA 3000 CAR DOORS AND LANDING DOORS PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 5.2

FOUR PANELS CENTRAL OPENING CAR DOOR, TYP 44/R PL=600÷1150
PORTA DI CABINA 4 ANTE OPPOSITE, TIPO 44/R PL=600÷1150

	PL	TOTAL WEIGHT PESO TOTALE kg LH=2000	C	D	D1	D2	D3	GW	WS	GM	P
*	600	96	250	734	42	/	/	1000	1000	1010	1050
*	650	98		784		150		1050	1050	1060	1100
*	700	99		824		170		1100	1100	1110	1150
	750	100		924	62			1175	1125	1160	1200
*	800	113						1250	1200	1260	1250
	850	114	400	974	42	217	62	1325	1275	1310	1300
*	900	119						1400	1350	1410	1370
	950	122						1475	1425	1460	1420
	1000	125						1570	1500	1560	1520
	1050	126						1625	1575	1610	1570
	1100	128						1700	1650	1710	1670
	1150	130						1775	1725	1760	1720

ATTENTION: GM > GW
* ATTENZIONE: GM > GW

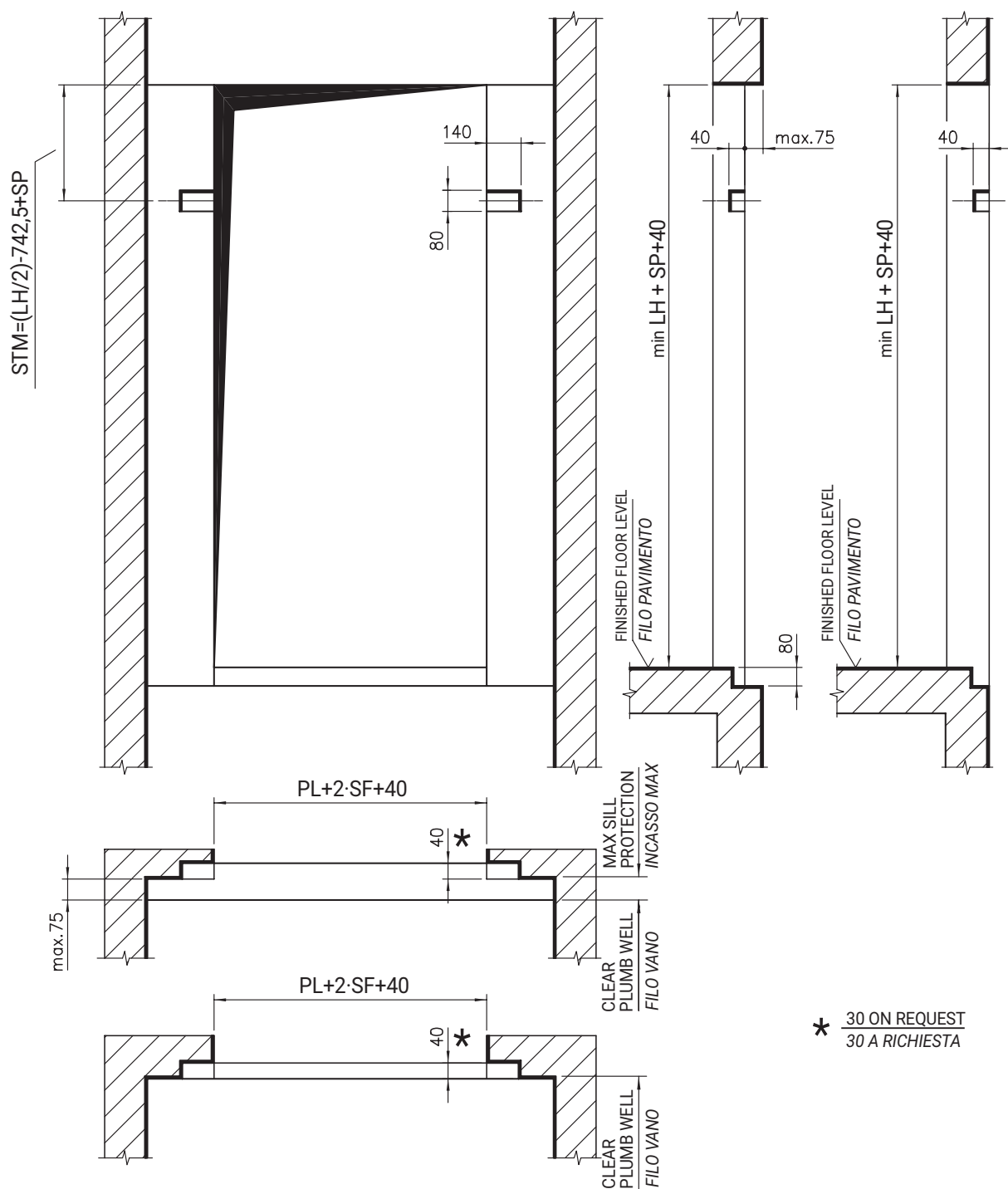
PL	M2	M3
600	460	20
650	485	
700	510	
750	535	
800	560	
850	585	/
900	620	
950	645	
1000	695	
1050	720	
1100	770	
1150	795	

HYDRA 3000 CAR DOORS AND LANDING DOORS

PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 5.4

SHAFT WALL FOR FOUR PANELS CENTRE PARTING LANDING DOOR, TYP 41/C
VANO MURATURA PER PORTA 4 ANTE OPPOSITE

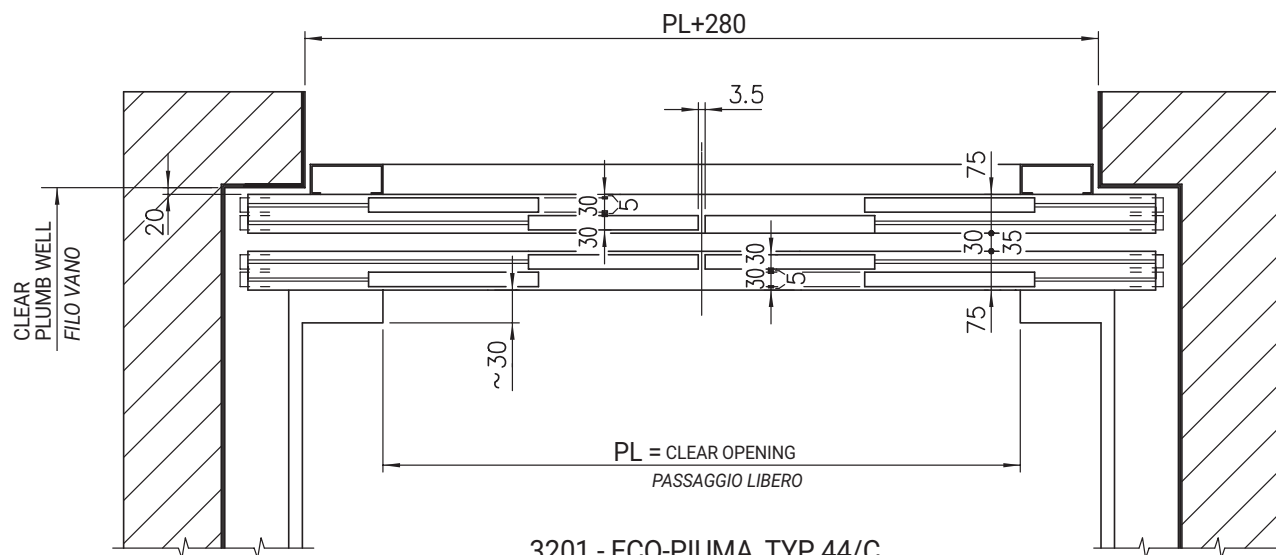


HYDRA 3000 CAR DOORS AND LANDING DOORS PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 5.4.1

ARRANGEMENT FOR FOUR PANELS CENTRE PARTING DOOR, HYDRA3000 TYP 41/C-L ECO-PIUMA TYP 44/C
ACCOPPIAMENTO PER PORTA 4 ANTE OPPOSTE

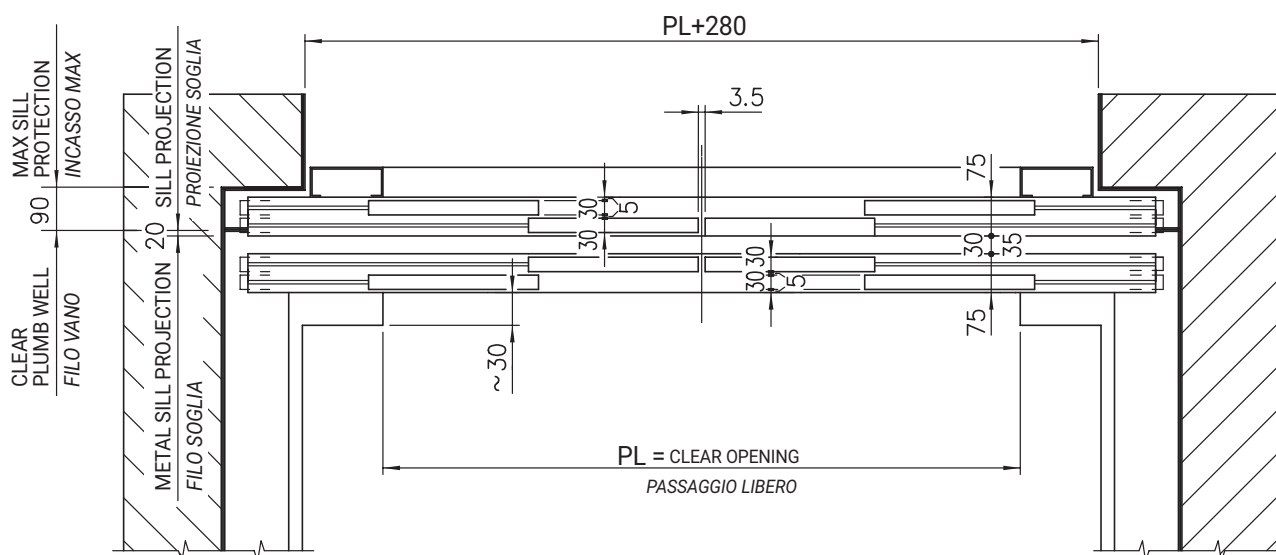
3201 - HYDRA3000, TYP 41/C



3201 - ECO-PIUMA, TYP 44/C

WALL INSTALLATION
MONTAGGIO A SBALZO

3201 - HYDRA3000, TYP 41/C



3201 - ECO-PIUMA, TYP 44/C

NICHE INSTALLATION
MONTAGGIO IN NICCHIA

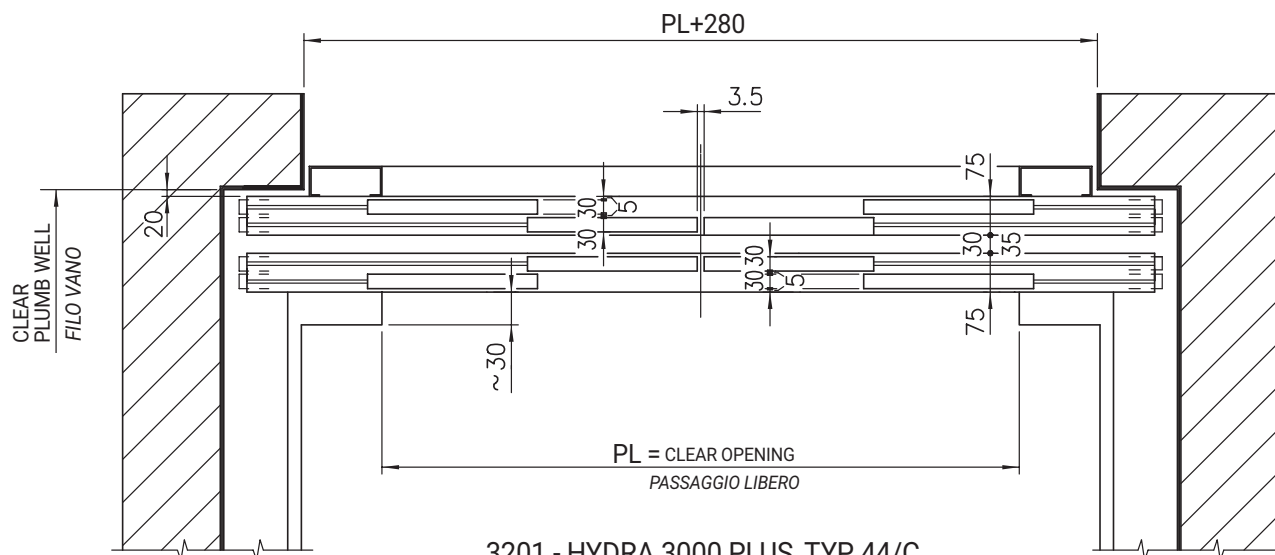
HYDRA 3000 CAR DOORS AND LANDING DOORS

PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 5.4.2

ARRANGEMENT FOR FOUR PANELS CENTRE PARTING DOOR, H. 3000 TYP 41/C-L H. 3000 PLUS TYP 44/C
ACCOPPIAMENTO PER PORTA 4 ANTE OPPOSTE

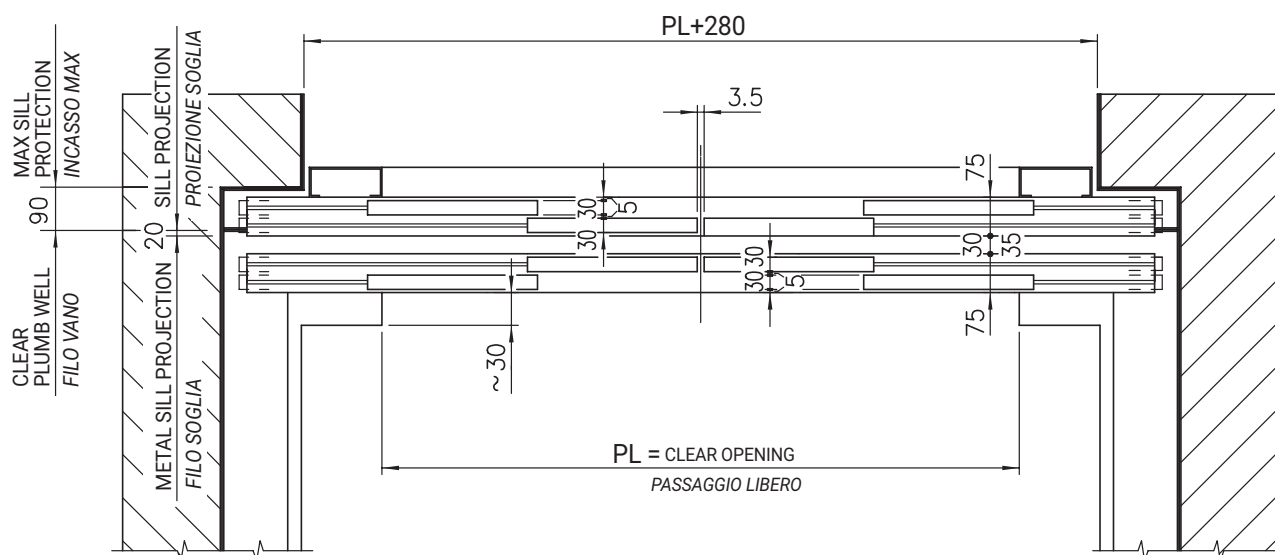
3201 - HYDRA3000, TYP 41/C



3201 - HYDRA 3000 PLUS, TYP 44/C

WALL INSTALLATION
MONTAGGIO A SBALZO

3201 - HYDRA3000, TYP 41/C



3201 - HYDRA 3000 PLUS, TYP 44/C

NICHE INSTALLATION
MONTAGGIO IN NICCHIA

HYDRA 3000 CAR DOORS AND LANDING DOORS

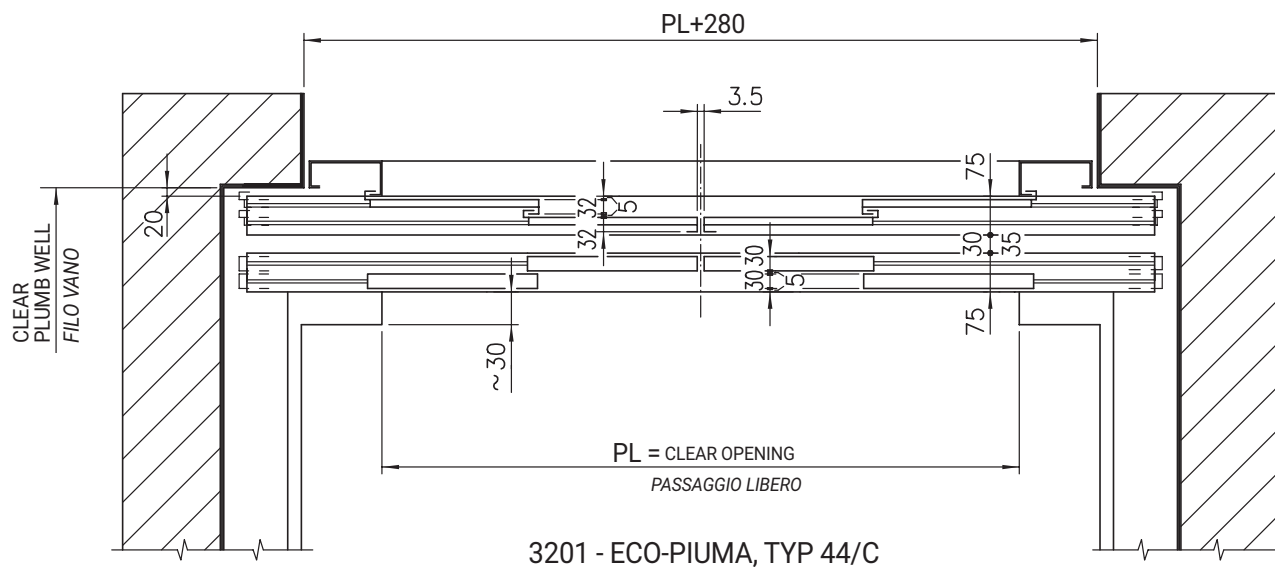
PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 5.4.5

ARRANGEMENT FOR FOUR PANELS CENTRE PARTING DOOR, HYDRA3000 TYP 41/C-L ECO-PIUMA TYP 44/C
ACCOPIAMENTO PER PORTA 4 ANTE OPPOSTE

EN81-58 CLASS "E120"
EN81-58 CLASSE "E120"

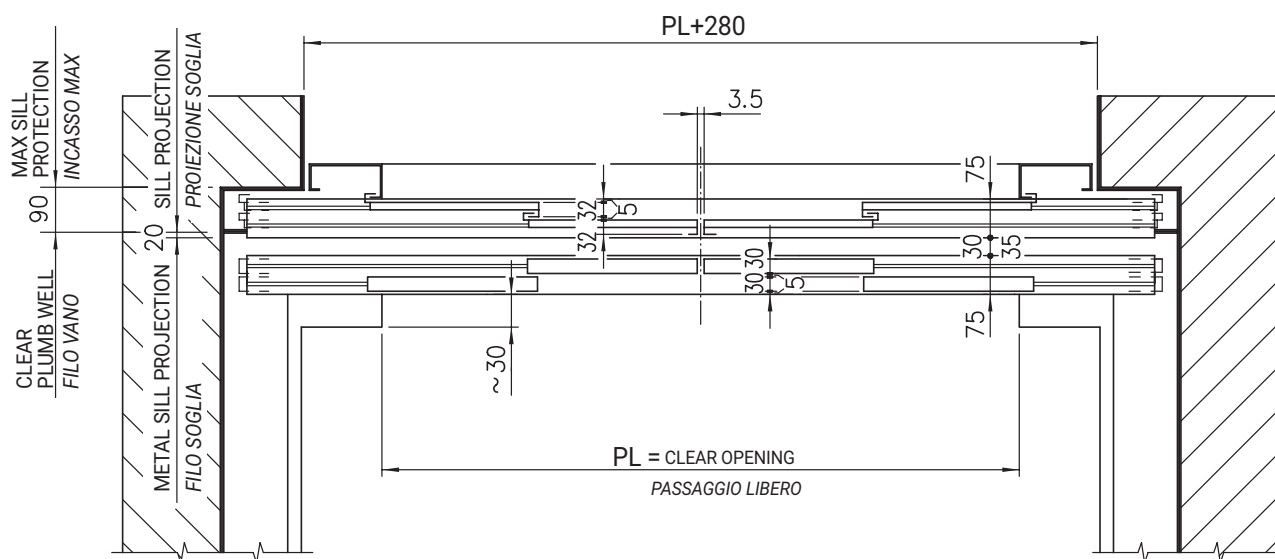
3201 - HYDRA3000, TYP 41/C



3201 - ECO-PIUMA, TYP 44/C

WALL INSTALLATION
MONTAGGIO A SBALZO

3201 - HYDRA3000, TYP 41/C



3201 - ECO-PIUMA, TYP 44/C

NICHE INSTALLATION
MONTAGGIO IN NICCHIA

HYDRA 3000 CAR DOORS AND LANDING DOORS

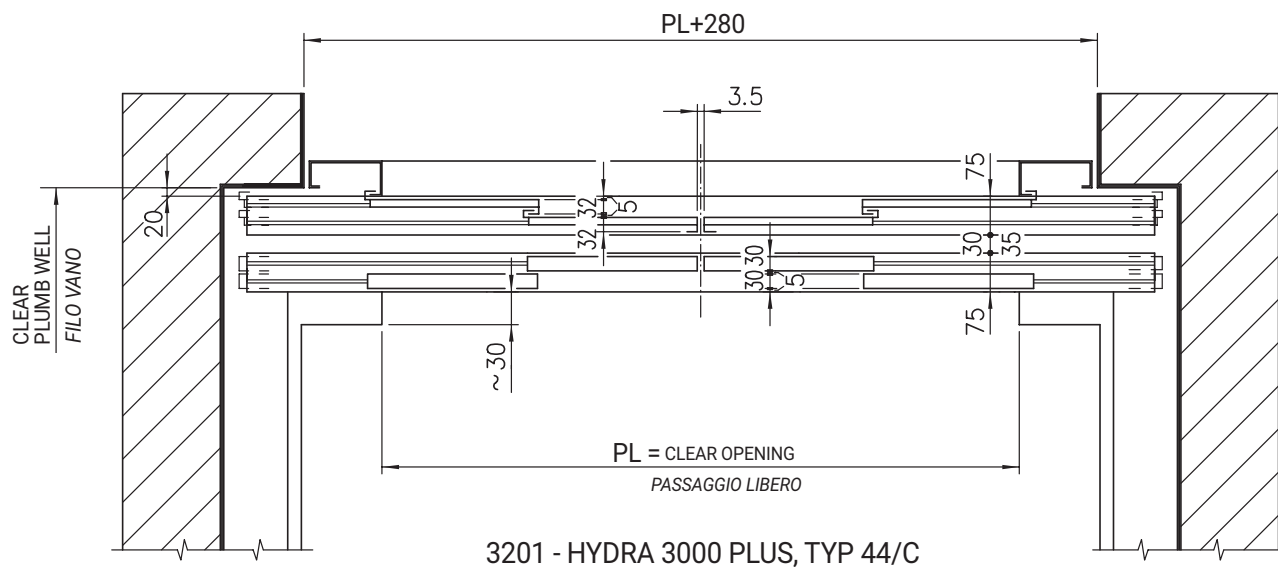
PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 5.5

ARRANGEMENT FOR FOUR PANELS CENTRE PARTING DOOR, H. 3000 TYP 41/C-L H. 3000 PLUS TYP 44/C
ACCOPPIAMENTO PER PORTA 4 ANTE OPPOSTE

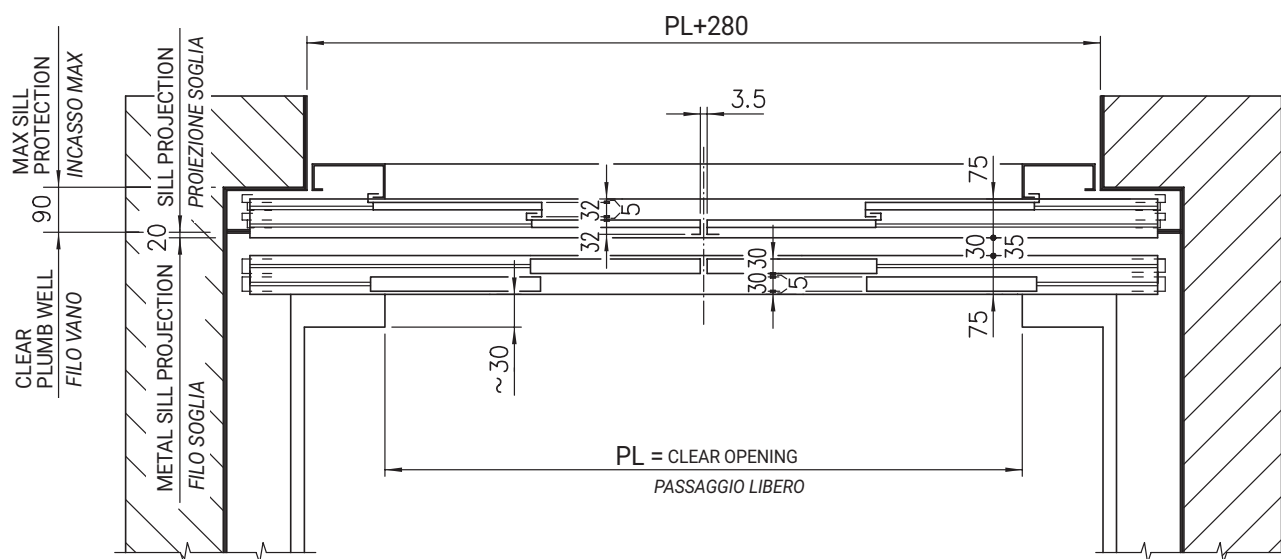
EN81-58 CLASS "E120"
EN81-58 CLASSE "E120"

3201 - HYDRA3000, TYP 41/C



WALL INSTALLATION
MONTAGGIO A SBALZO

3201 - HYDRA3000, TYP 41/C



NICHE INSTALLATION
MONTAGGIO IN NICCHIA

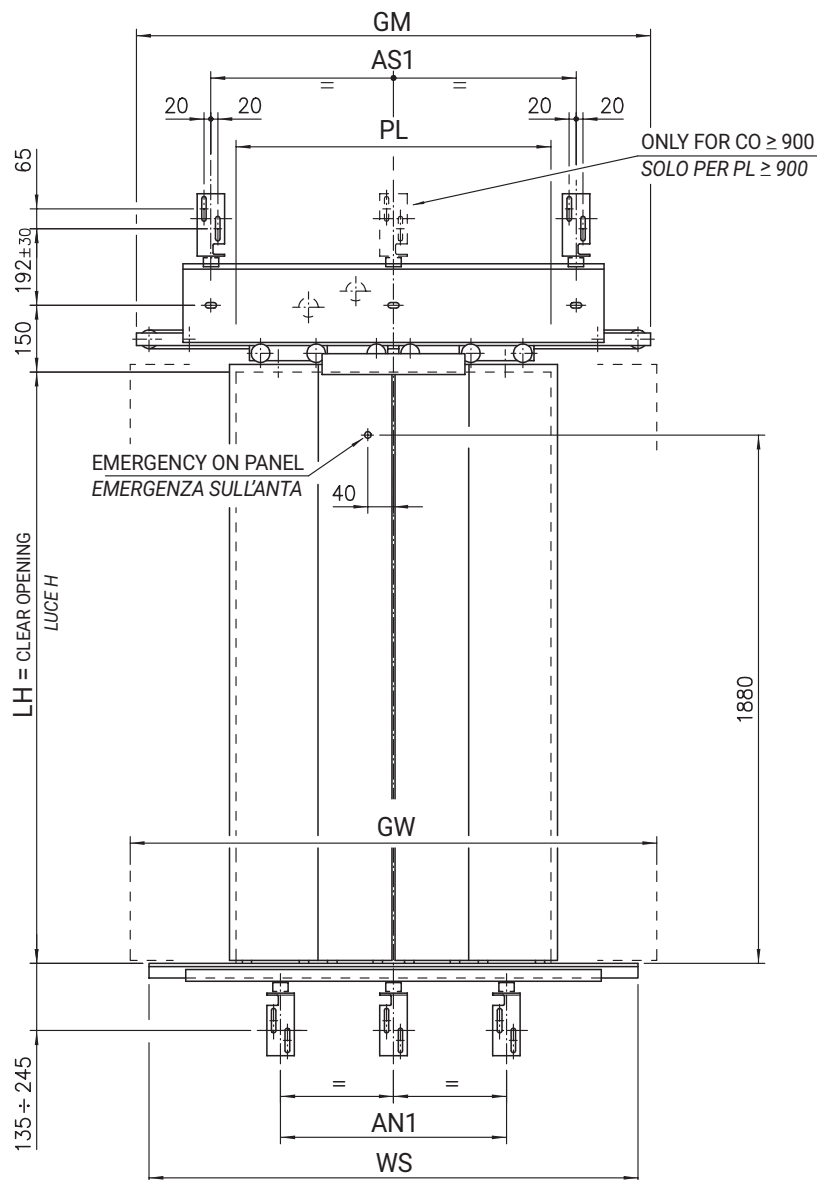
3201 - HYDRA 3000 PLUS, TYP 44/C

HYDRA 3000 CAR DOORS AND LANDING DOORS

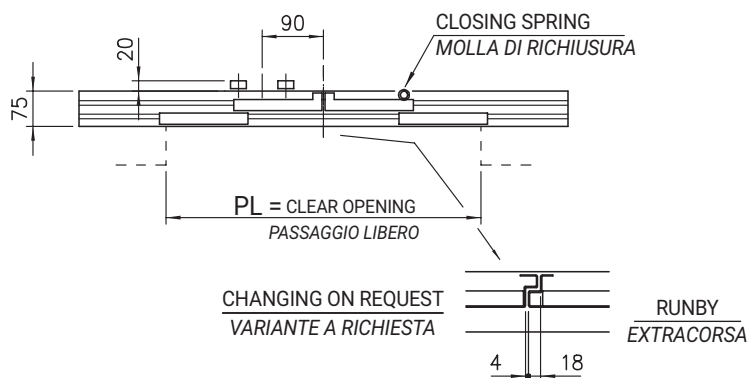
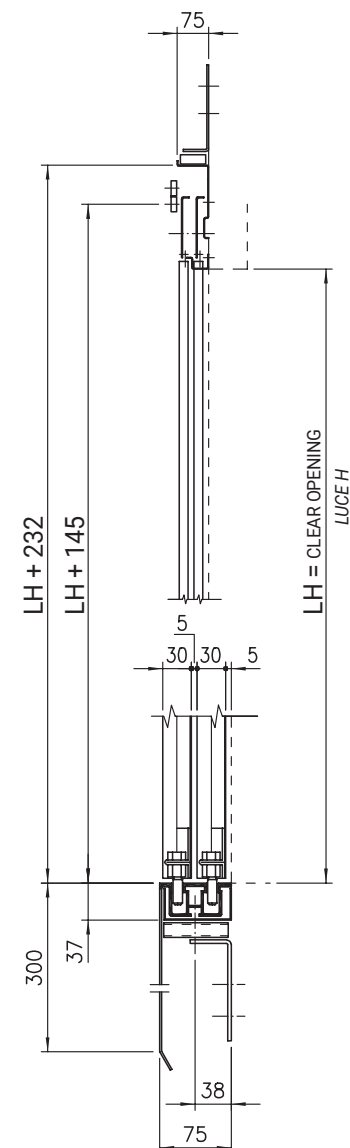
PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 5.8

FOUR PANELS CENTRE PARTING LANDING DOOR, TYP 41/C PL=600÷1150
PORTA DI PIANO STANDARD 4 ANTE OPPOSTE



DIRECT WALL INSTALLATION
FISSAGGI DIRETTI AL MURO

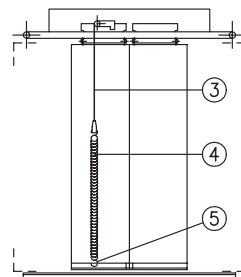
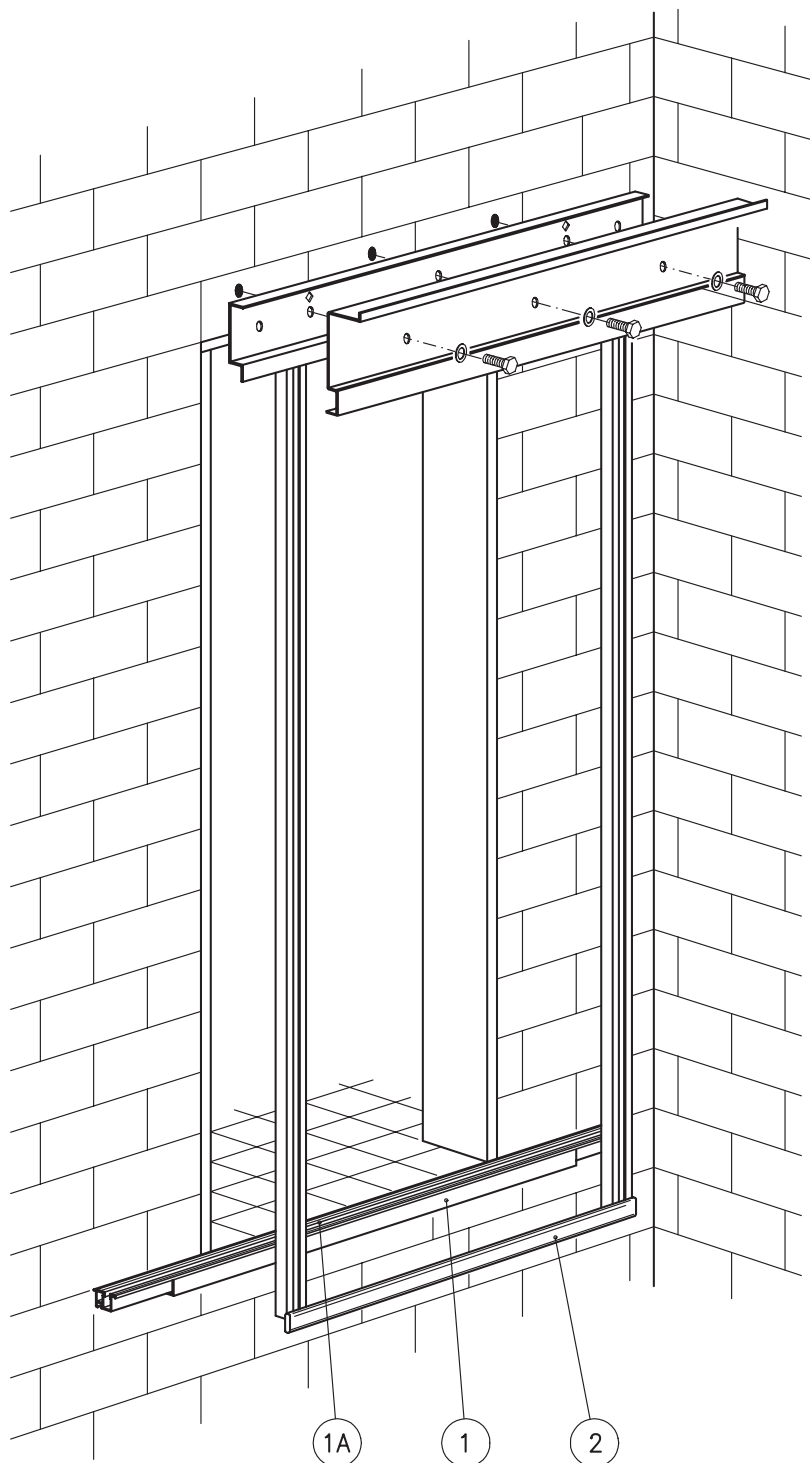


PL	GM	GW	AS1	AN1	WS
600	1020	1000	760	640	1000
650	1070	1050			1050
700	1120	1100			1100
750	1170	1175			1125
800	1300	1250	1000	1090	1200
850	1350	1325			1275
900	1400	1400			1350
950	1450	1475			1425
1000	1600	1550	1200	1090	1500
1050	1650	1625			1575
1100	1700	1700			1650
1150	1750	1775			1725

HYDRA 3000 CAR DOORS AND LANDING DOORS PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
Version/Versione H
Date/Data 03.07.2023
Page/Pagina 5.10

ASSEMBLY WITH RECOVERING DRILLING TEMPLATE - FOUR PANELS CENTRE PARTING LANDING DOOR, TYP 41/C
MONTAGGIO CON DIME DI FORATURA RECUPERABILI - PORTA 4 ANTE OPPOSTE



ASSEMBLY INSTRUCTIONS

1. Fix the sill (1) at finished floor level and at requested distance.
2. Insert the template lower profile (2) into the sliding guide (1A) of the sill and ensure it is at floor finishing and centered.
3. Drill holes in the wall using template, remove it and position the door hanger.
4. ATTENTION! Hook the spring (4) to the rope (3) connecting the other side of the spring by means of the "S" hook (5) to the lower panel head.

NORME DI MONTAGGIO

1. Fissare la soglia (1) a livello del pavimento finito ed alla distanza.
2. Inserire il profilo inferiore della dima (2) nel canale di scorrimento (1A) della soglia e controllare che la dima sia a piombo e centrata rispetto a quello che sarà il centro della porta.
3. Praticare i fori sul muro utilizzando come maschera i fori della dima, quindi rimuoverla e posizionare il meccanismo di sospensione della porta.
4. ATTENZIONE: Agganciare la molla (4) alla fune (3) e fissare l'altra estremità della molla tramite il gancio ad "S" (5) alla testata inferiore dell'antenna.

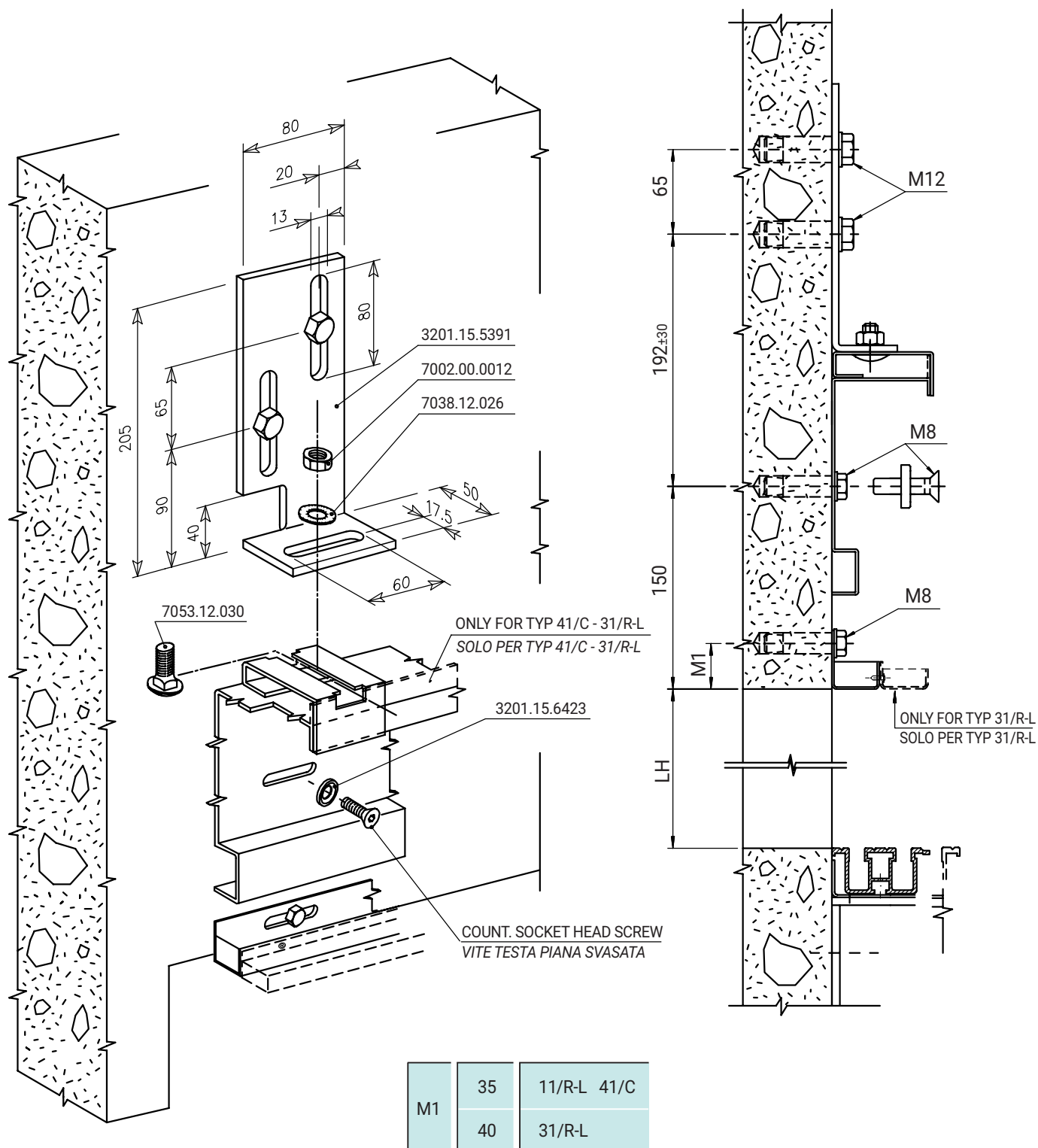
HYDRA 3000 CAR DOORS AND LANDING DOORS

PORTE DI CABINA E DI PIANO HYDRA 3000

Code/Codice TC.2.000075.EN
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BRACKETS EQUIPMENT FOR DIRECT WALL INSTALLATION FOR TYP 11-31/R-L AND 41/C

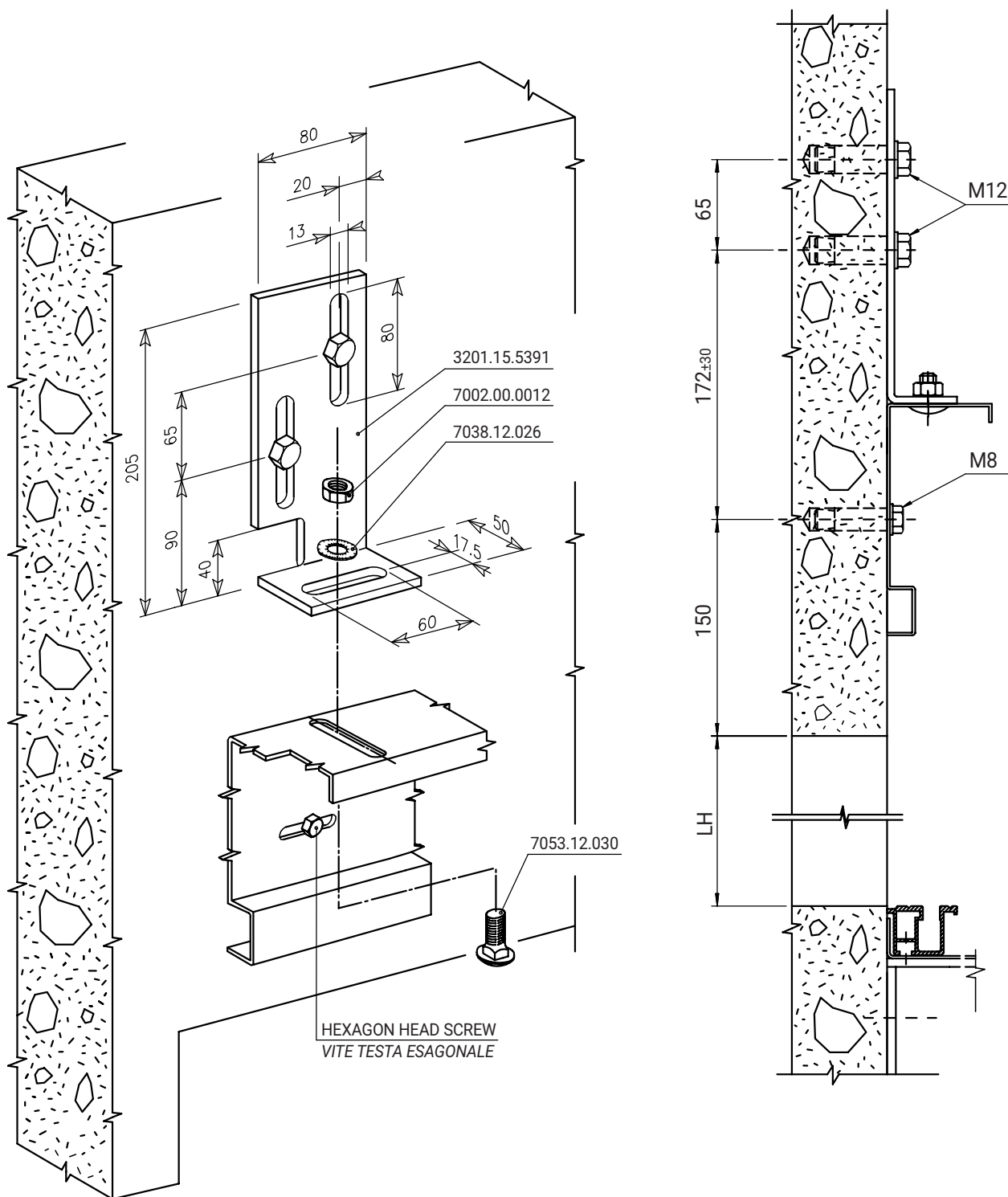
STAFFAGGI PER FISSAGGI DIRETTI AL MURO PER TIPI 11-31/R-L E 41/C



HYDRA 3000 CAR DOORS AND LANDING DOORS PORTE DI CABINA E DI PIANO HYDRA 3000

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BRACKETS EQUIPMENT FOR DIRECT WALL INSTALLATION FOR TYP 01/C STAFFAGGI PER FISSAGGI DIRETTI AL MURO PER TYP 01/C



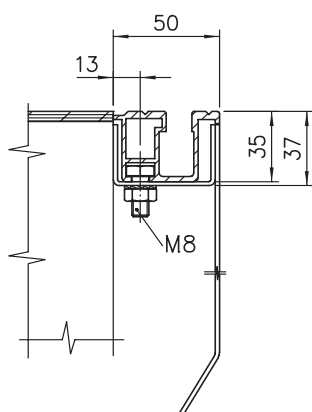
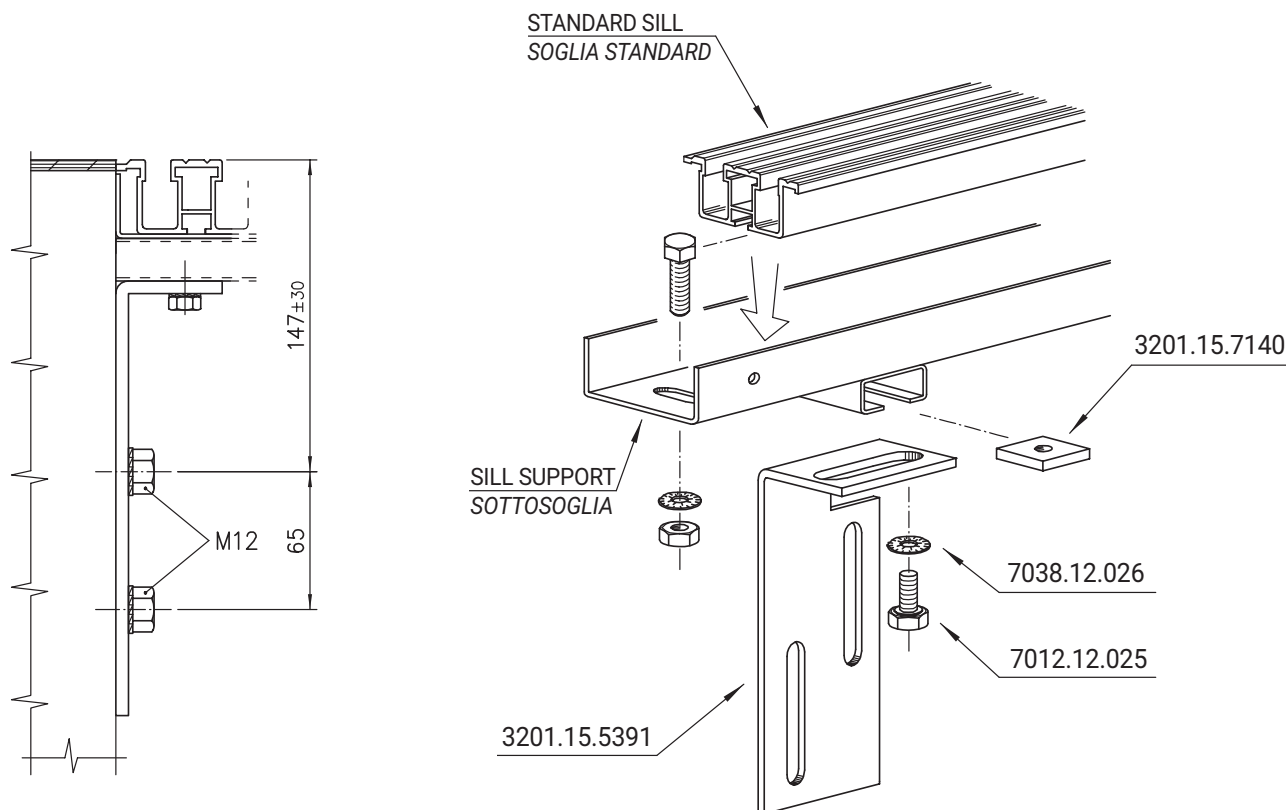
HYDRA 3000 CAR DOORS AND LANDING DOORS

PORTE DI CABINA E DI PIANO HYDRA 3000

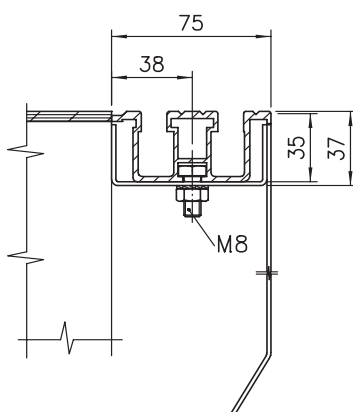
Code/Codice TC.2.000075.EN
Version/Versione H
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Page/Pagina 8.3

SILL ASSEMBLY WITH DIRECT WALL INSTALLATION

MONTAGGIO SOGLIE CON FISSAGGIO DIRETTO AL MURO

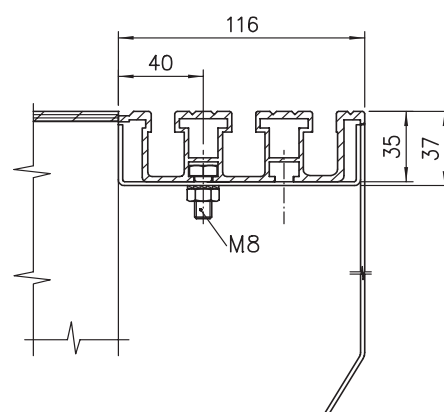


Typ 01/C — —



Typ 11/R-L — —

Typ 41/C — — — —



Typ 31/R-L — — — —

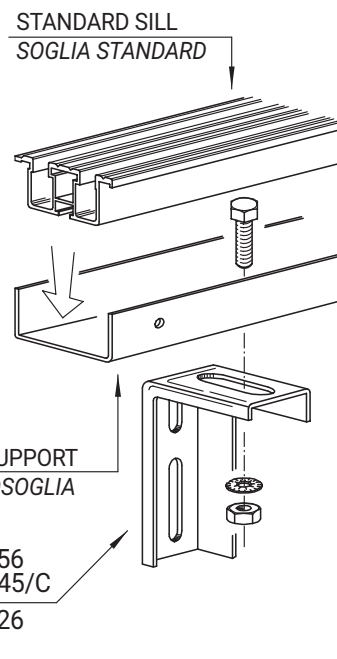
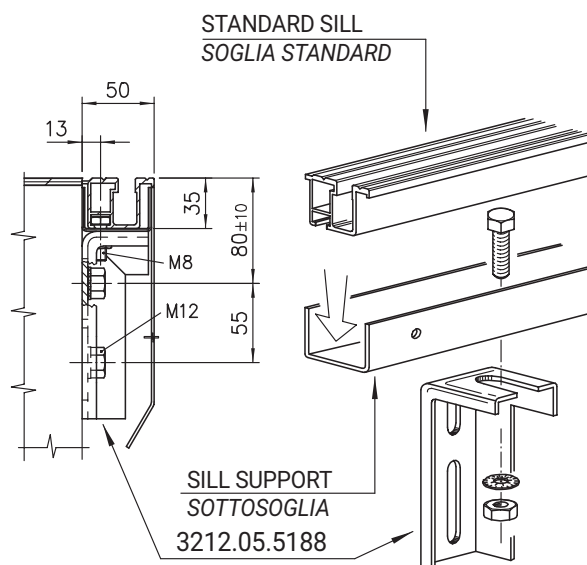
HYDRA 3000 CAR DOORS AND LANDING DOORS PORTE DI CABINA E DI PIANO HYDRA 3000

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CAR DOOR SILL ASSEMBLY MONTAGGIO SOGLIE DI CABINA

For the max allowed load see
specific documentation

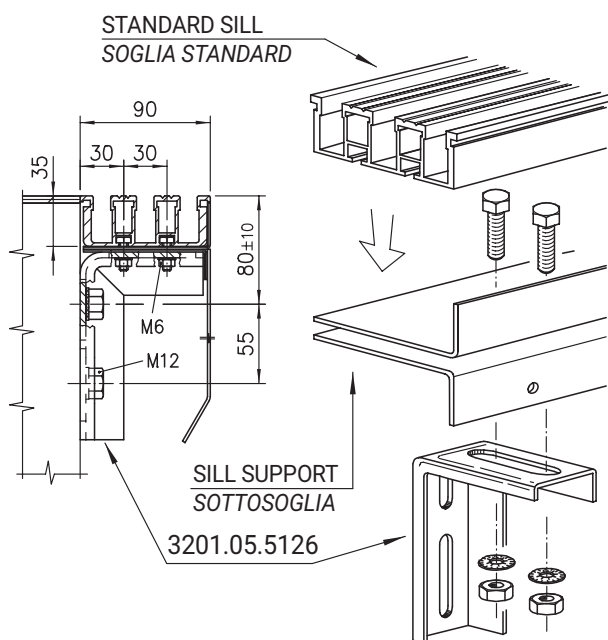
Per il carico massimo ammissibile
vedere documentazioni specifiche



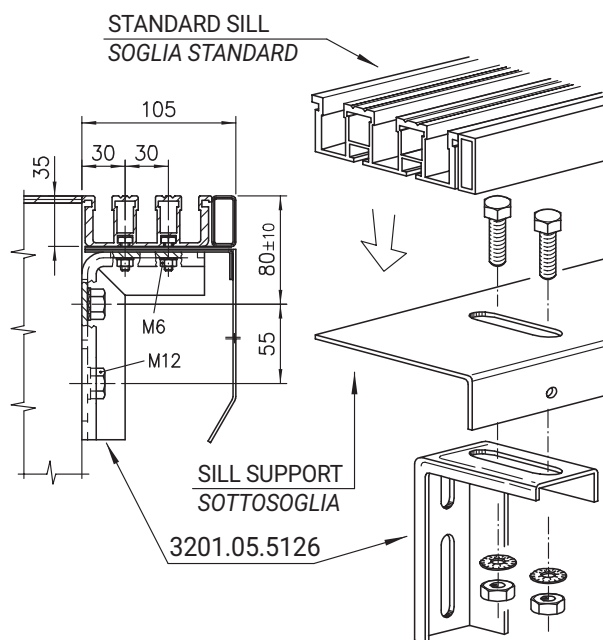
Hydra 3000 Plus Typ 02/C

Hydra 3000 Plus Typ 12/R-L

Hydra 3000 Plus Typ 44/R
Eco-Piuma Typ 45/C



Hydra 3000 Plus Typ 35/R-L

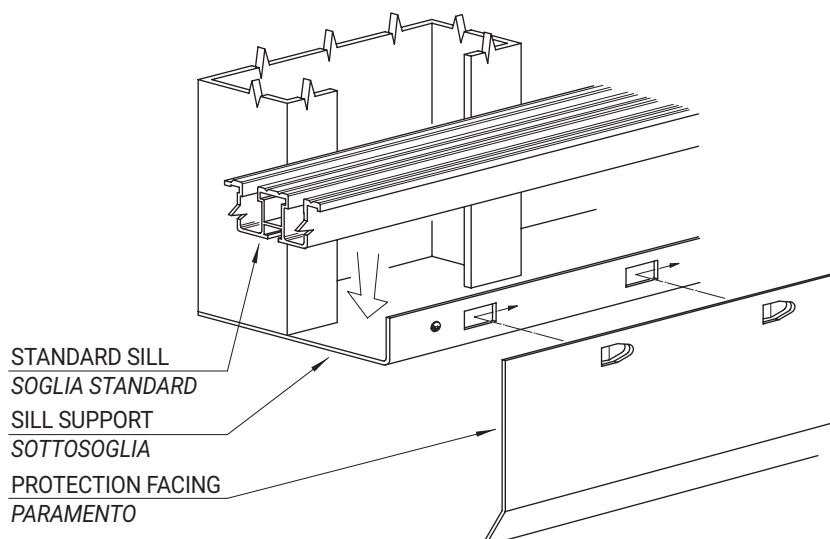


Eco-Piuma Typ 35/R-L

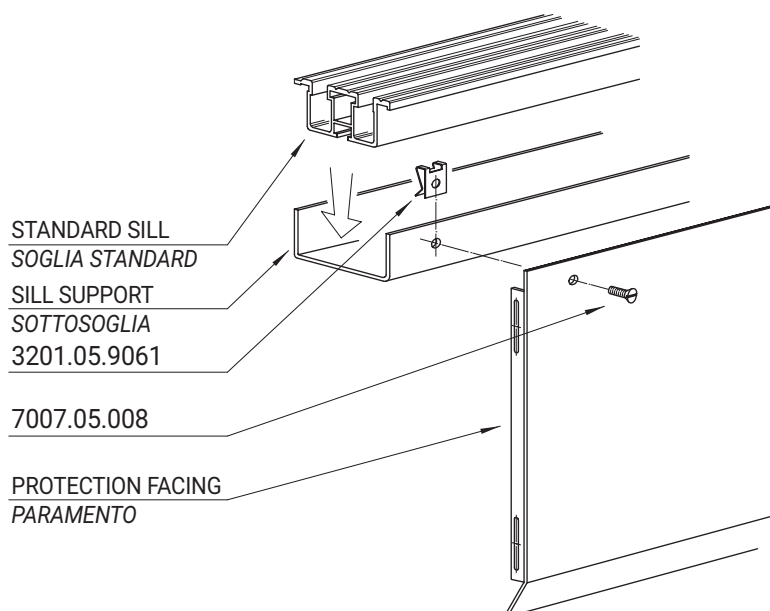
HYDRA 3000 CAR DOORS AND LANDING DOORS PORTE DI CABINA E DI PIANO HYDRA 3000

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FIXING OF PROTECTION FACING FISSAGGIO PARAMENTO



LANDING DOORS
PORTE DI PIANO



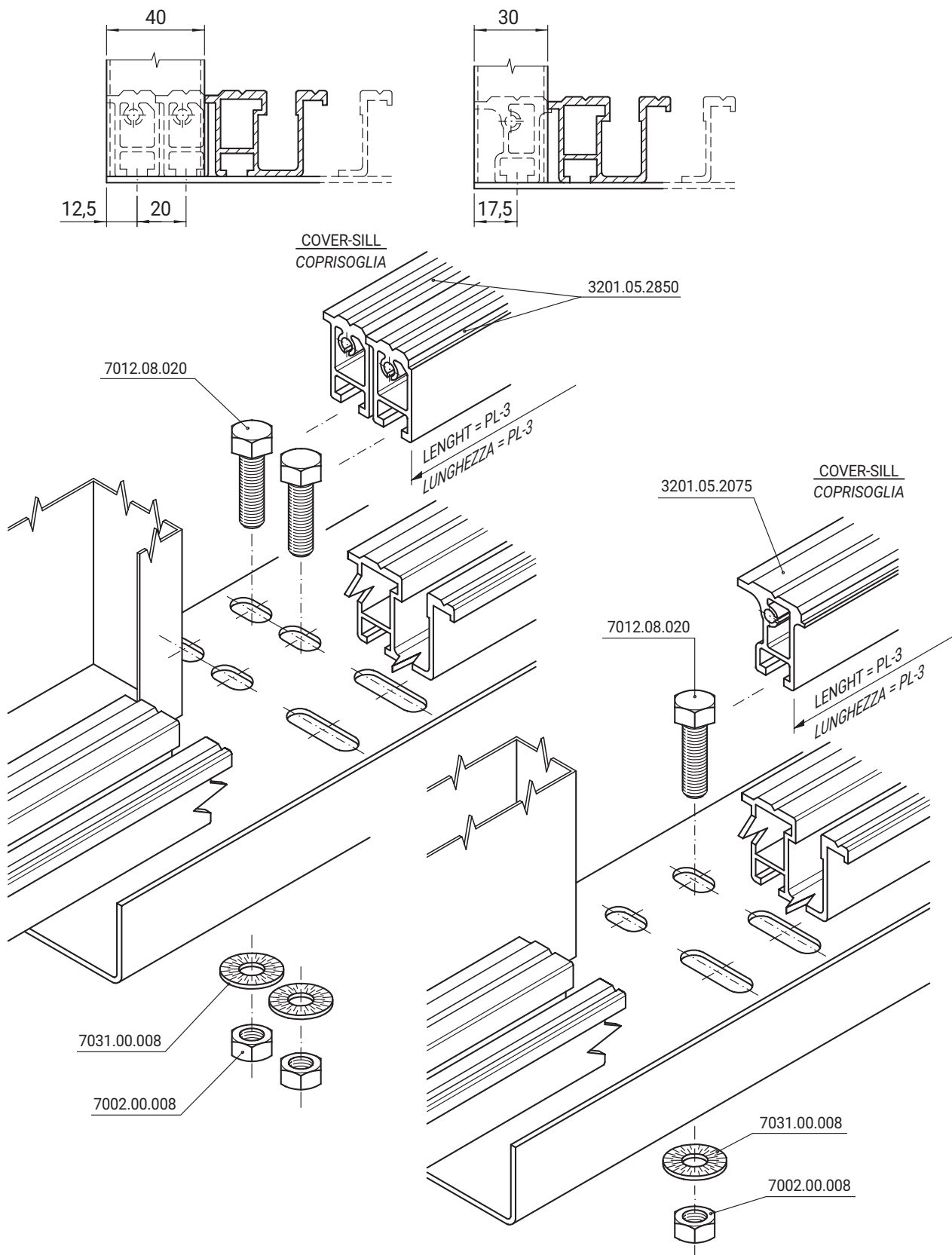
LANDING DOORS WITH
DIRECT WALL INSTALLATION
AND CAR DOORS
HYDRA 3000 PLUS
PORTE DI PIANO CON
FISSAGGI DIRETTI AL MURO
E PORTE DI CABINA
HYDRA 3000 PLUS

HYDRA 3000 CAR DOORS AND LANDING DOORS

PORTE DI CABINA E DI PIANO HYDRA 3000

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ASSEMBLY OF COVER-SILL TYPE "PARMA": 30-40 mm. (Version prearranged for fixing with self-threading screws)
MONTAGGIO COPRISOGLIA TIPO "PARMA": 30-40 mm. (Versione predisposta per il fissaggio con viti autofilettanti)



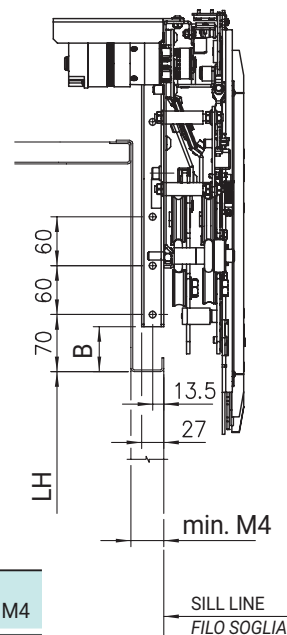
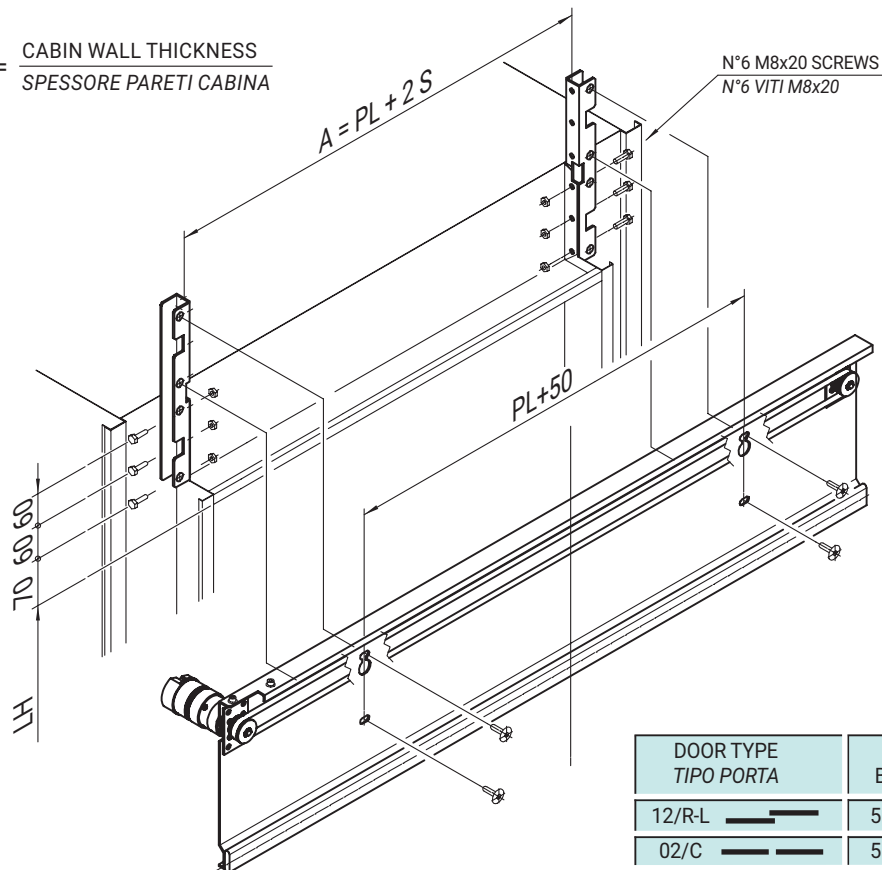
HYDRA 3000 CAR DOORS AND LANDING DOORS PORTE DI CABINA E DI PIANO HYDRA 3000

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LIGHT FRONT FIXING (FOR ANTIRUST OR COVERED PANELS)

FISSAGGIO FRONTALE LEGGERO (PER ANTE IN ANTIRUGGINE O RIVESTITE)

$$S = \frac{\text{CABIN WALL THICKNESS}}{\text{SPESSORE PARETI CABINA}}$$



DOOR TYPE TIPO PORTA	B	M4
12/R-L	55	45
02/C	55	55
35/R-L	43.5	30
44/R	55	45

TY 02/C

PL \ LH	2000	2050	2100	2150	2200
600					
650					
700					
750					
800					
850					
900					
950					
1000					
1050					
1100					
1150					
1200					

TY 12/R-L

PL \ LH	2000	2050	2100	2150	2200
600					
650					
700					
750					
800					
850					
900					
950					
1000					
1050					
1100					
1150					
1200					

TY 35/R-L

PL \ LH	2000	2050	2100	2150	2200
600					
650					
700					
750					
800					
850					
900					
950					
1000					
1050					
1100					
1150					

TY 44/R

PL \ LH	2000	2050	2100	2150	2200
600					
650					
700					
750					
800					
850					
900					
950					
1000					
1050					
1100					
1150					

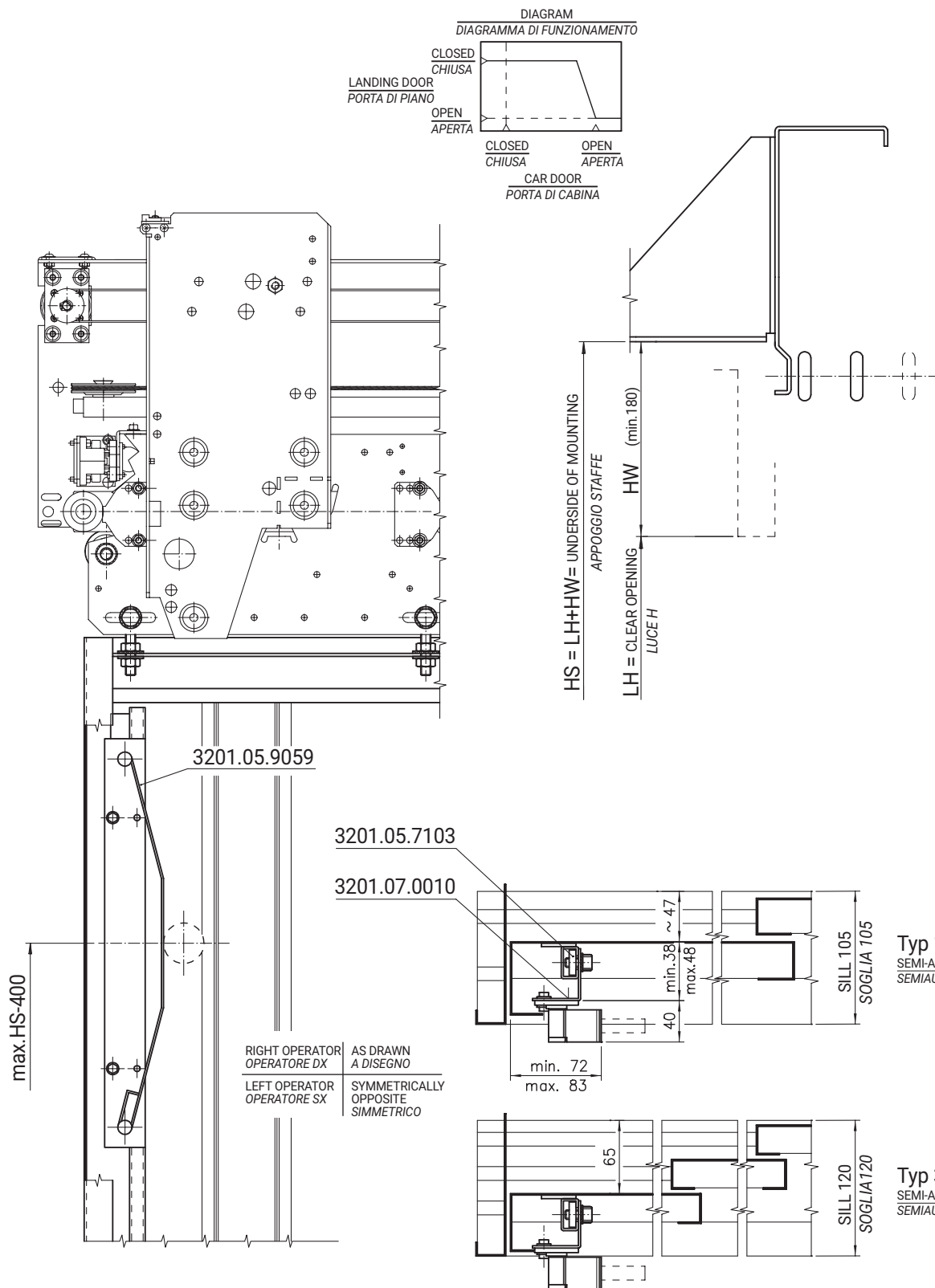
HYDRA 3000 CAR DOORS AND LANDING DOORS

PORTE DI CABINA E DI PIANO HYDRA 3000

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MECHANICAL RELEASE ASSEMBLY TYPE 1118 - SIDE OPENING CAR DOORS

MONTAGGIO SBLOCCO MECCANICO TIPO 1118 - PORTE DI CABINA AD APERTURA LATERALE



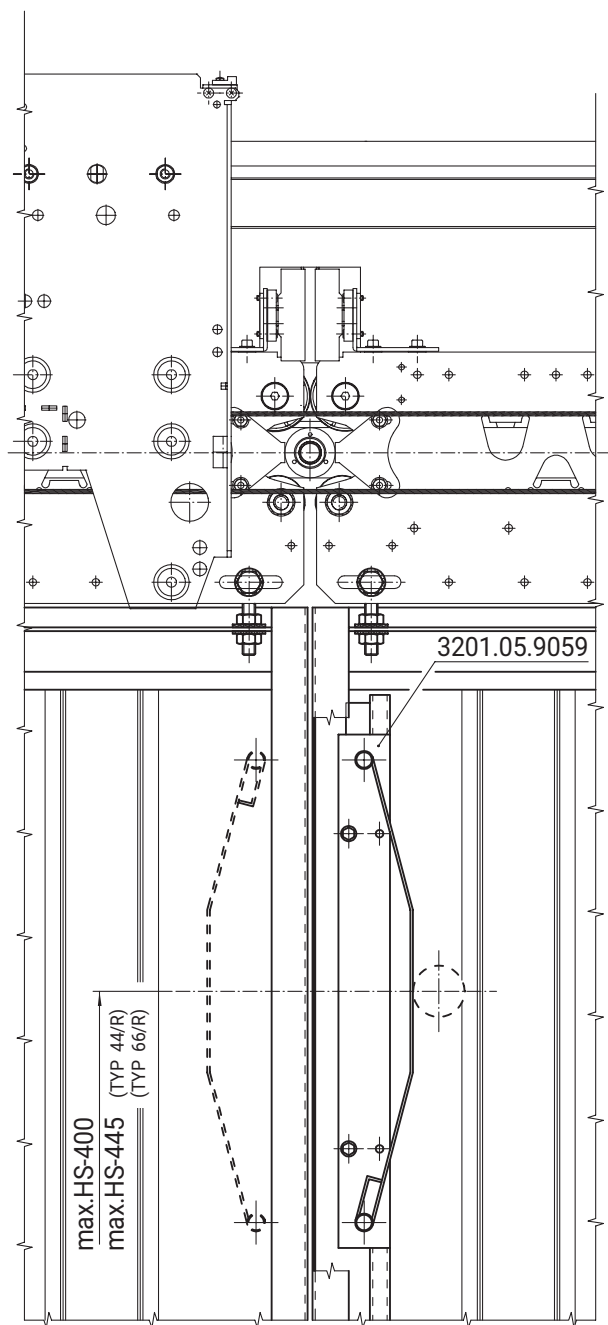
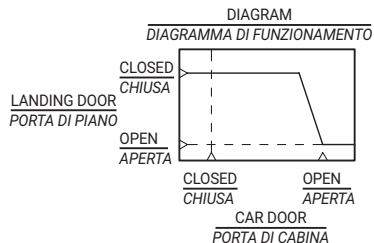
HYDRA 3000 CAR DOORS AND LANDING DOORS

PORTE DI CABINA E DI PIANO HYDRA 3000

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MECHANICAL RELEASE ASSEMBLY TYPE 1119 - CENTRAL OPENING CAR DOORS

MONTAGGIO SBLOCCO MECCANICO TIPO 1119 - PORTE DI CABINA AD APERTURA CENTRALE



HS = LH+HW = UNDERSIDE OF MOUNTING

APPOGGIO STAFFE

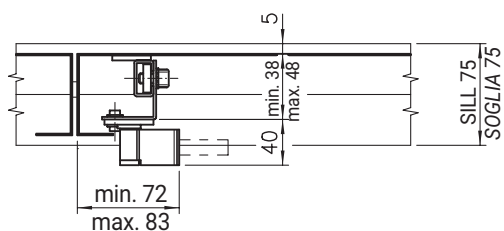
LH = CLEAR OPENING

LUCE H

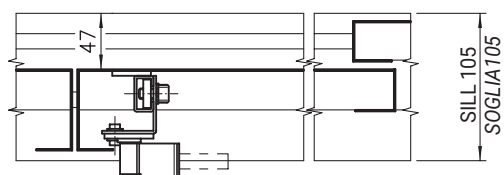
HW (min.180)

TYP 44/R (min.225)

TYP 66/R



Typ 02/C
SEMI-AUTOMATIC
SEMIAUTOMATICO



Typ 44/R
SEMI-AUTOMATIC
SEMIAUTOMATICO

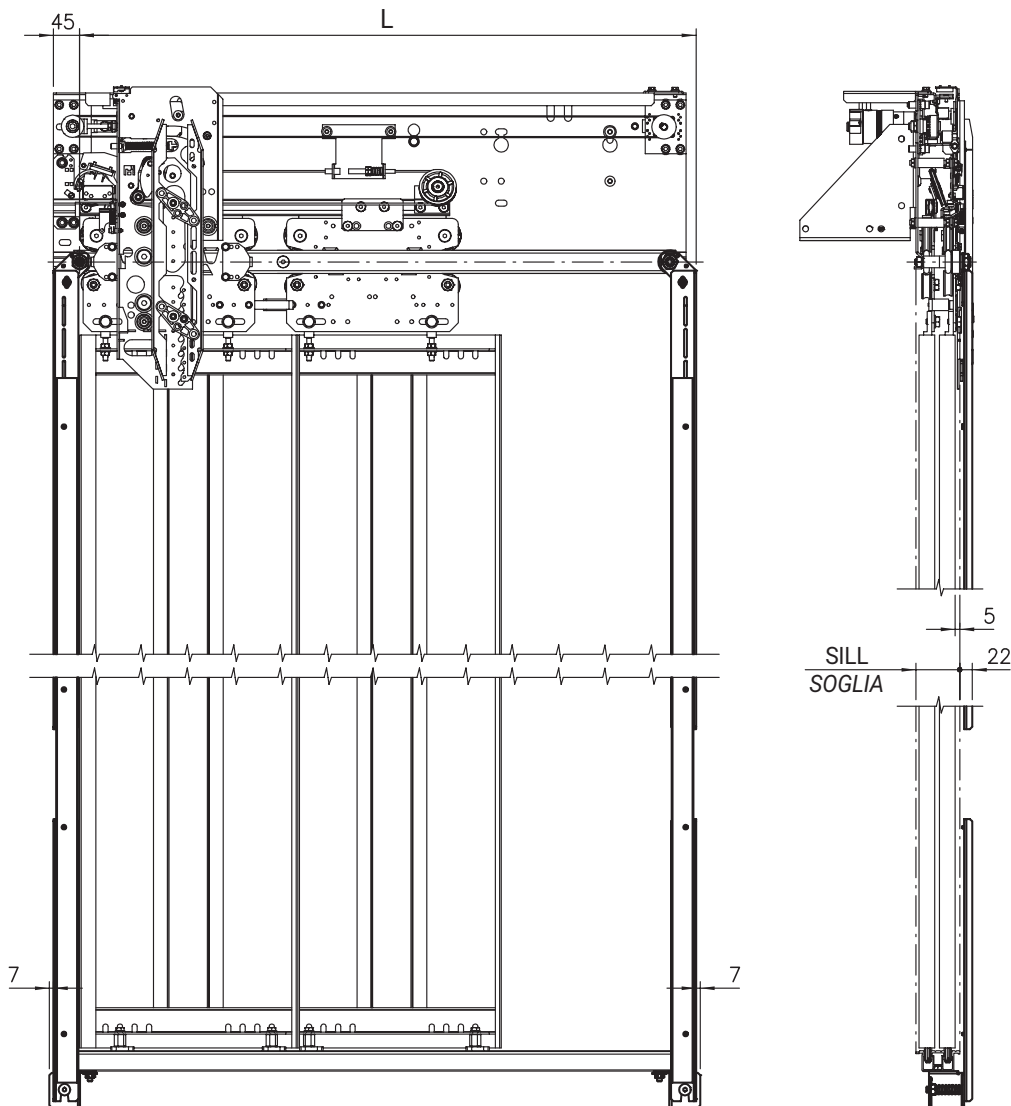


HYDRA 3000 CAR DOORS AND LANDING DOORS PORTE DI CABINA E DI PIANO HYDRA 3000

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F.I.C.O. EDGE ASSEMBLY FOR SIDE OPENING DOORS TYP 12/R-L - 35/R-L

MONTAGGIO COSTOLA F.I.C.O. PER PORTE AD APERTURA LATERALE TIPI 12/R-L - 35/R-L



TY 12/R-L —

PL	L
600	960
650	1010
700	1060
750	1145
800	1195
850	1245
900	1360
950	1410
1000	1460
1050	1510
1100	1560
1150	1610
1200	1810

TY 35/R-L —

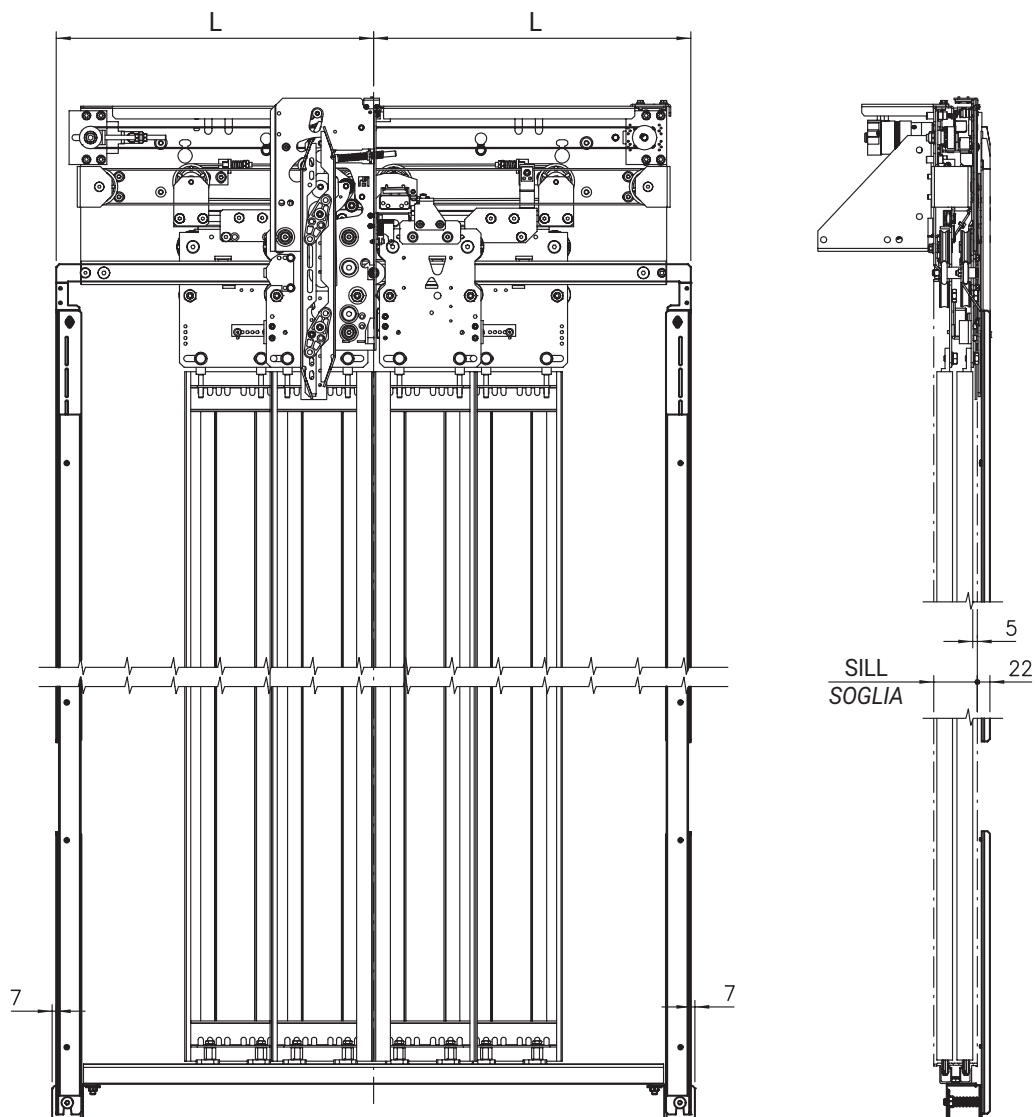
PL	L
600	900
650	950
700	1000
750	1050
800	1140
850	1190
900	1265
950	1315
1000	1365
1050	1415
1100	1465
1150	1600



HYDRA 3000 CAR DOORS AND LANDING DOORS PORTE DI CABINA E DI PIANO HYDRA 3000

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F.I.C.O. EDGE ASSEMBLY FOR CENTRAL OPENING DOORS TYP 02/C - 44/R
MONTAGGIO COSTOLA F.I.C.O. PER PORTE AD APERTURA CENTRALE TIPI 02/C - 44/R



TY 02/C — —

PL	L
600	630
650	655
700	705
750	740
800	790
850	815
900	880
950	930
1000	955
1050	980
1100	1005
1150	1030
1200	1180

TY 44/R _ _ _

PL	L
600	547
650	572
700	597
750	622
800	672
850	697
900	747
950	772
1000	822
1050	847
1100	897
1150	922



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