

Hydra

Code	TC.2.001983.EN
Version	L
Date	02.02.2024

SELCOM FIRE-RESISTANT LANDING DOOR *PORTE DI PIANO RESISTENTI AL FUOCO SELCOM*



EN81-58
CLASS "E"

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AUTOMATIC DOORS SERIES 3201-HYDRA

PORTE AUTOMATICHE SERIE 3201-HYDRA

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3.1.1	Two Panels Class "E" Fire-resistant Centre Parting Landing Door Type 01/C C.O.=600÷1800 with DF=40÷59 or Type 01/C C.O.=600÷1800 with DF≥60 and SP<222	Porta di piano 2 ante opposte resistente al fuoco classe "E", tipo 01/C PL=600÷1800 con DF=40÷59 o tipo 01/C PL=600÷1800 con DF≥60 e SP<222
3.1.2	Two Panels Class "E" Fire-resistant Centre Parting Landing Door Type 01/C C.O.=600÷1800	Porta di piano 2 ante opposte resistente al fuoco classe "E", tipo 01/C PL=600÷1800
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4.1	Three Panels Class "E" Fire-resistant Telescopic Landing Door Type 31/R-L C.O.=600÷2100 with DF=60÷100 and SP≥222	Porta di piano 3 ante telescopica resistente al fuoco classe "E", tipo 31/R-L PL=600÷2100 con DF=60÷100 e SP≥222
4.1.1	Three Panels Class "E" Fire-resistant Telescopic Landing Door Type 31/R-L C.O.=600÷2100 with DF=40÷59 or Type 31/R-L C.O.=600÷2100 with DF≥60 and SP<222	Porta di piano 3 ante telescopica resistente al fuoco classe "E", tipo 31/R-L PL=600÷2100 con DF=40÷59 o tipo 31/R-L PL=600÷2100 con DF≥60 e SP<222
4.1.2	Three Panels Class "E" Fire-resistant Telescopic Landing Door Type 31/R-L C.O.=600÷2100 SP<222 with DF=30÷39	Porta di piano 3 ante telescopica resistente al fuoco classe "E", tipo 31/R-L PL=600÷2100 SP<222 con DF=30÷39
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FOUR PANELS CENTRAL OPENING DOORS		PORTE CENTRALI 4 ANTE
5.1	Four Panels Class "E" Fire-resistant Centre Parting Landing Door Type 43/R C.O.=600÷1150 with DF=60÷100 and SP≥269	Porta di piano 4 ante opposte esistente al fuoco classe "E", tipo 43/R PL=600÷1150 con DF=60÷100 e SP≥269
5.1.1	Four Panels Class "E" Fire-resistant Centre Parting Landing Door Type 43/R C.O.=600÷1150 with DF=40÷59 or Type 43/R C.O.=600÷1150 with DF≥60 and SP<269	Porta di piano 4 ante opposte esistente al fuoco classe "E", tipo 43/R PL=600÷1150 con DF=40÷59 o tipo 43/R PL=600÷1150 con DF≥60 e SP<269
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5.1.3	Four Panels Class "E" Fire-resistant Centre Parting Landing Door Type 41/C PL=1200÷3200 with DF=60÷100 and SP≥222	Porta di piano 4 ante opposte esistente al fuoco classe "E", tipo 41/C PL=1200÷3200 con DF=60÷100 e SP≥222
5.1.4	Four Panels Class "E" Fire-resistant Centre Parting Landing Door Type 41/C C.O.=1200÷3200 SP<222 Type 41/C C.O.=1200÷3200 with DF=40÷59 or Type 41/C C.O.=1200÷3200 with DF≥60 and SP<222	Porta di piano 4 ante opposte esistente al fuoco classe "E", tipo 41/C PL=1200÷3200 SP<222 tipo 41/C PL=1200÷3200 con DF=40÷59 o tipo 41/C PL=1200÷3200 con DF≥60 e SP<222
5.1.5	Four Panels Class "E" Fire-resistant Centre Parting Landing Door Type 41/C C.O.=1200÷3200	Porta di piano 4 ante opposte esistente al fuoco classe "E", tipo 41/C C.O.=1200÷3200
5.1.6	Four Panels Class "E" Fire-resistant Centre Parting Landing Door Type 41/C PL=1200÷3200 SP<222 with DF=30÷39	Porta di piano 4 ante opposte esistente al fuoco classe "E", tipo 41/C PL=1200÷3200 SP<222 con DF=30÷39
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5.2	Arrangement for Four Panels Class "E" Fire-resistant Centre Parting Door, Type 43-44/R 41-42/C	Accoppiamento per porta 4 ante opposte resistente al fuoco classe "E", tipo 43-44/R 41-42/C



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SIX PANELS CENTRAL OPENING DOORS		PORTE CENTRALI 6 ANTE
6.1	Six Panels Class "E" Fire-resistant Centre Parting Landing Door Type 65/R C.O.=900÷1450 SP≥269	Porta di piano 6 ante opposte esistente al fuoco classe "E", tipo 65/R PL=900÷1450 SP≥269
6.1.1	Six Panels Class "E" Fire-resistant Centre Parting Landing Door Type 65/R C.O.=900÷1450 SP<269	Porta di piano 6 ante opposte esistente al fuoco classe "E", tipo 65/R PL=900÷1450 SP<269
6.1.2	Six Panels Class "E" Fire-resistant Centre Parting Landing Door Type 61/C C.O.=1500÷3200 SP≥222	Porta di piano 6 ante opposte esistente al fuoco classe "E", tipo 61/C PL=1500÷3200 SP≥222
6.1.3	Six Panels Class "E" Fire-resistant Centre Parting Landing Door Type 61/C C.O.=1500÷3200 SP<222	Porta di piano 6 ante opposte esistente al fuoco classe "E", tipo 61/C PL=1500÷3200 SP<222
6.1.4	Shaft Wall for Four Panels Class "E" Fire-resistant Centre Parting Door, Type 65/R 61/C	Vano muratura per porta 6 ante opposte resistente al fuoco classe "E", tipo 65/R 61/C
6.2	Arrangement for Four Panels Class "E" Fire-resistant Centre Parting Door, Type 65-66/R 61-62/C	Accoppiamento per porta 6 ante opposte resistente al fuoco classe "E", tipo 65-66/R 61-62/C
ONE PANEL DOORS		PORTE 1 ANTA
7.1	One Panel Class "E" Fire-resistant Landing Door Type 71/R-L C.O.=600÷1400 One Panel Class "E"	Porta di piano 1 anta resistente al fuoco classe "E", tipo 71/R-L PL=600÷1400
7.1.1	Fire-resistant Landing Door Type 71/R-L C.O.=600÷1400 SP<222	Porta di piano 1 anta resistente al fuoco classe "E", tipo 71/R-L PL=600÷1400 SP<222
7.1.2	Available Brackets	Staffe disponibili
7.1.3	Available Brackets	Staffe disponibili
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GLOSSARY		GLOSSARIO	
CO	Clear Opening	PL	Passaggio Libero
CH	Clear Height	LH	Luce Altezza
GM	Mechanism Maximum Overall Dimension	GM	Ingombro Massimo Meccanismo
GW	Panels Maximum Overall Dimension	GW	Ingombro Massimo Ante Aperte
DF	Frame Depth	DF	Profondità Stipite
WS	Sill Length	WS	Ingombro Soglie
SP	Top Frame Height	SP	Altezza Stipite Superiore
SF, SB	Side Frame Width	SF, SB	Larghezza Stipite Laterale
CF1	Infill Plate Dimension	CF1	Dimensioni Coprifessura

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PRODUCTION RANGE

GAMMA DI PRODUZIONE

POS.	SERIE	LANDING DOORS PORTE DI PIANO			CAR DOORS PORTE DI CABINA			C.O. PL mm		LH mm	
		TYPE TIPO	ILLUSTRATION RAPPRESENTAZIONE	CLASS CLASSE	TYPE TIPO	ILLUSTRATION RAPPRESENTAZIONE	Min.	Max.	Min.	Max.	
DOOR WITH OPERATOR ABOVE PORTA CON MECCANISMO SOPRA LA CABINA	3201	01/C		E120	02/C		600	1800	1900		3100
				E90							3500
		11/R		E120	12/R		600	1800			3100
				E90							3500
		11/L		E120	12/L						3100
				E90							3500
		31/R		E120	32/R		600	2100			3100
				E90							3500
		31/L		E120	32/L						3100
				E90							3500
		31/R		E120	35/R		600	1400			3100
				E90							3500
		31/L		E120	35/L						3100
				E90							3500
		41/C		E120	42/C		1200	2800			3100
				E90							3200
		43/R		E120	44/R		600	1150			2200
				E90							
		61/C		E120	62/C		1500	2800			3100
				E90							3200
		65/R		E120	66/R		900	1450			2200
				E90							
		71/R		E120	72/R		600	1400			3100
				E90							3500
		71/L		E120	72/L						3100
				E90							3500

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SUPPLY OF DISASSEMBLED DOORS FORNITURA PORTE SMONTATE

TYP 71/R-L

LH PL	1900	2000	2100	2200	2300	2350	2400	2450	2500	2550	2600	...	▶
500													
600													
650													
700													
750													
800													
850													
900													
950													
1000													
1050													
1100													
1200													
1300													
1400													

TYP 01/C

LH PL	1900	2000	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	...	▶
500															
600															
700															
800															
900															
950															
1000															
1050															
1100															
1200															
1300															
1400															
1500															
1600															
1700															
1800															

TYP 11/R-L

LH PL	1900	2000	2100	2200	2300	2350	2400	2450	2500	2550	2600	...	▶
500													
600													
700													
800													
900													
1000													
1100													
1200													
1250													
1300													
1350													
1400													
1500													
1600													
1700													
1800													

TYP 31/R-L

LH PL	1900	2000	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	...	▶
600															
700															
1200															
1250															
1300															
1350															
1400															
1450															
1500															
1600															
1700															
1800															
1900															
2000															
2100															

TYP 41/C 43/R

LH PL	1900	2000	2100	2200	2300	2350	2400	2450	2500	2550	2600	...	▶
600													
700													
800													
900													
1000													
1100													
1150													
1200													
1300													
1400													
1500													
1600													
1700													
1800													
3200													

TYP 61/C 65/R

LH PL	1900	2000	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	...	▶
900															
1000															
1100															
1150															
1200															
1300															
1400															
1500															
1600															
1700															
1800															
1900															
2000															
2100															
3200															



DOORS SUPPLIED DISASSEMBLED
PORTE FORNITE SMONTATE



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



DOOR SUPPLIED DISASSEMBLE - ON REQUEST: ONLY FRAMES
ASSEMBLED (SILL, PANELS AND MECHANISM ALWAYS DISASSEMBLED)
PORTE FORNITE SMONTATE - A RICHIESTA: SOLO STIPITI ASSEMBLATI
(SOGLIA, ANTE E MECCANISMO SEMPRE SMONTATI)



In caso di stipiti rivestiti e porte conformi a EN81-70, stipiti saranno eseguite in versione smontata

In case of cladded frames and doors according to EN81-70, frames will be supplied in disassembled version

Attenzione: Inoltre, saranno eseguite e fornite in versione smontata tutte le porte con portali aventi la misura d'ingombro laterale (SF+PL+SB oppure PL+2SF) > 1600 mm, oppure la misura d'ingombro in altezza > 2800 mm. Nei casi di ingombro laterale (SF+PL+SB oppure PL+2SF) > 1250 e <= 1600, in caso di ante verniciate ral, in caso di ante con verniciatura speciale oppure in caso di stipiti rivestiti, le ante vengono fornite smontate. Nei casi in cui almeno uno stipite laterale sia > 300 mm le porte saranno realizzate in versione smontabile e fornite secondo le tabelle.

*

Note: All the doors with big-frames having the overall width dimension > 1600 mm (SF+PL+SB or PL+2SF) or the overall height dimension > 2800 mm will be executed in disassemblable version and supplied disassembled. In case of overall width dimension (SF+PL+SB or PL+2SF) > 1250 and <= 1600, in case of panels with ral finishing, in case of panels with special finishing or in case of cladded frames, the panels are supplied disassembled. If at least one lateral frame is > 300 mm, doors will be executed in disassemblable version and supplied according to the tables.

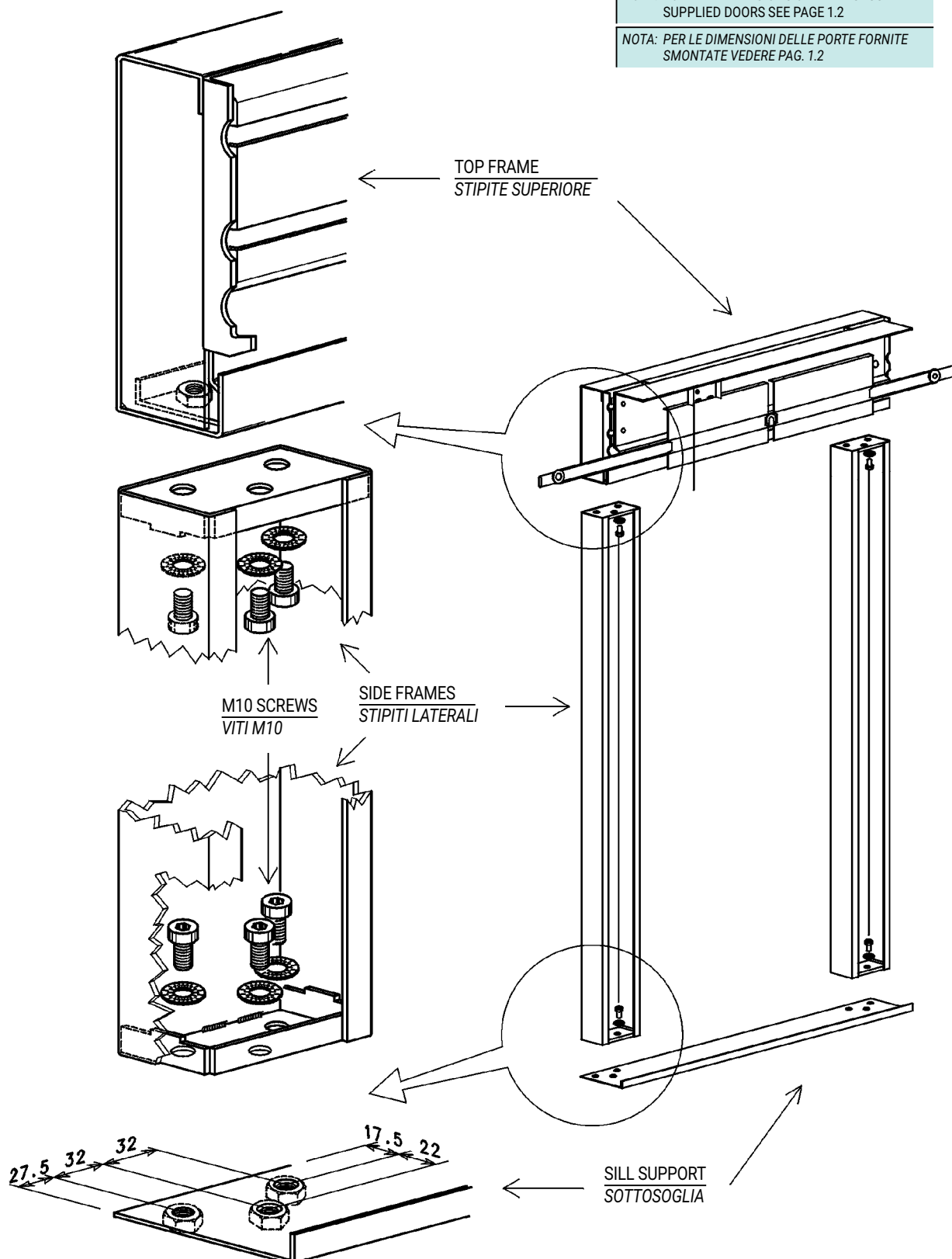
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ASSEMBLY OF DISASSEMBLED FRAMES MONTAGGIO STIPITI SMONTABILI

NOTE: FOR THE DIMENSIONS OF THE DISASSEMBLED
SUPPLIED DOORS SEE PAGE 1.2

NOTA: PER LE DIMENSIONI DELLE PORTE FORNITE
SMONTATE VEDERE PAG. 1.2



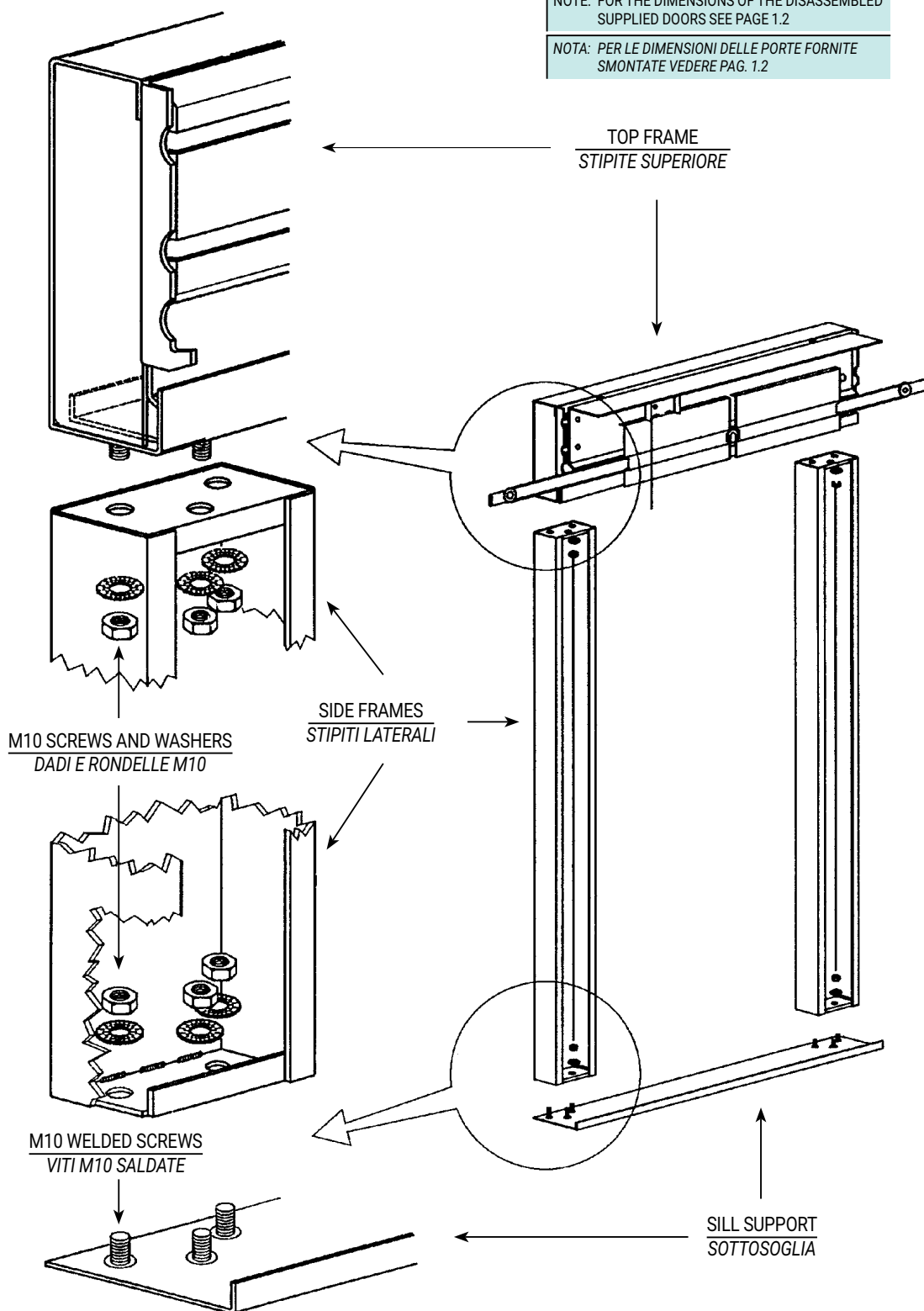
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ASSEMBLY OF DISASSEMBLED TCH TYPE FRAMES MONTAGGIO STIPITI SMONTABILI TIPO TCH

NOTE: FOR THE DIMENSIONS OF THE DISASSEMBLED
SUPPLIED DOORS SEE PAGE 1.2

NOTA: PER LE DIMENSIONI DELLE PORTE FORNITE
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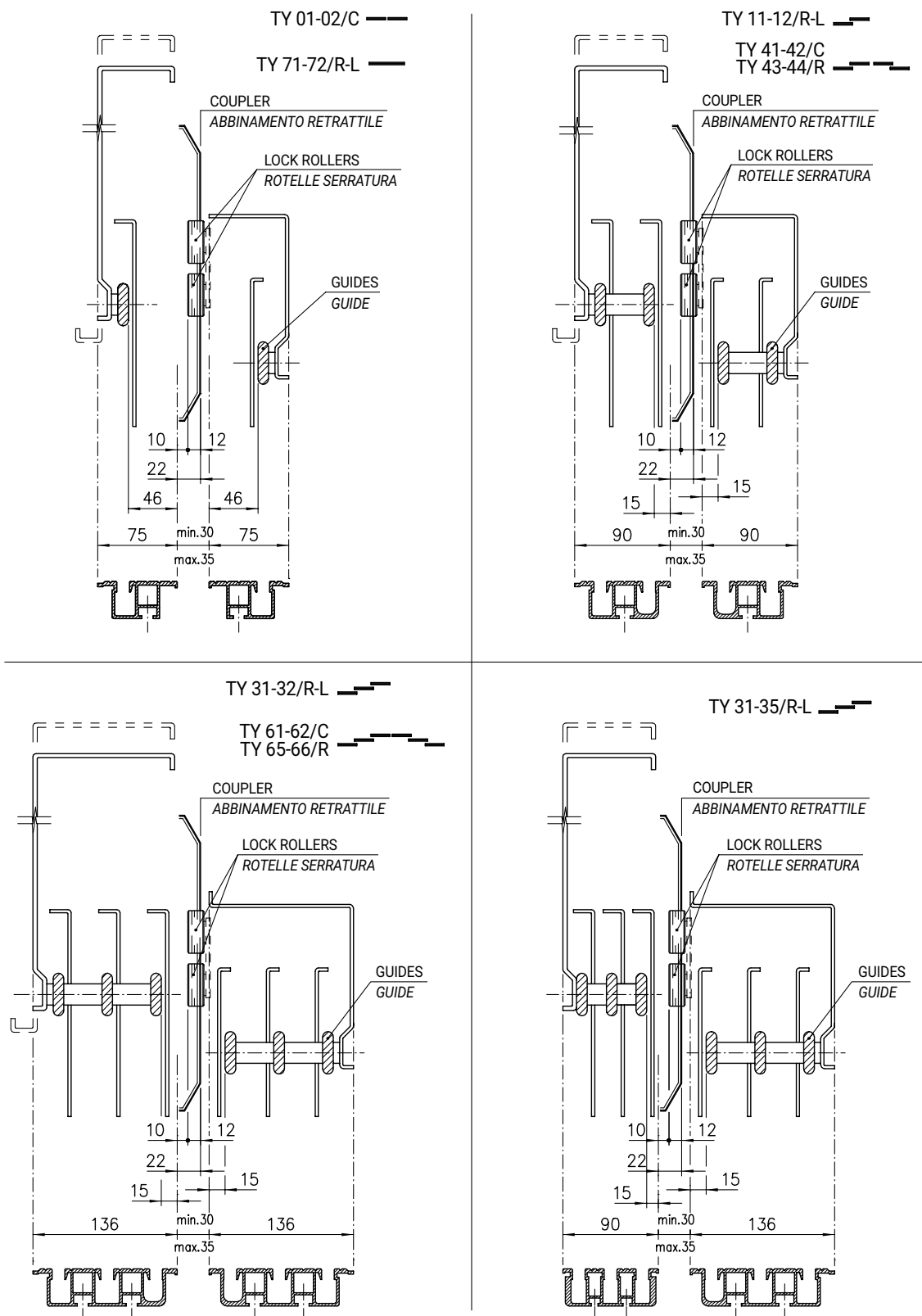
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HYDRA PLUS CAR DOORS AND HYDRA LANDING DOORS ARRANGEMENT

ACCOPIAMENTO PORTE DI CABINA HYDRA PLUS E PORTE DI PIANO HYDRA



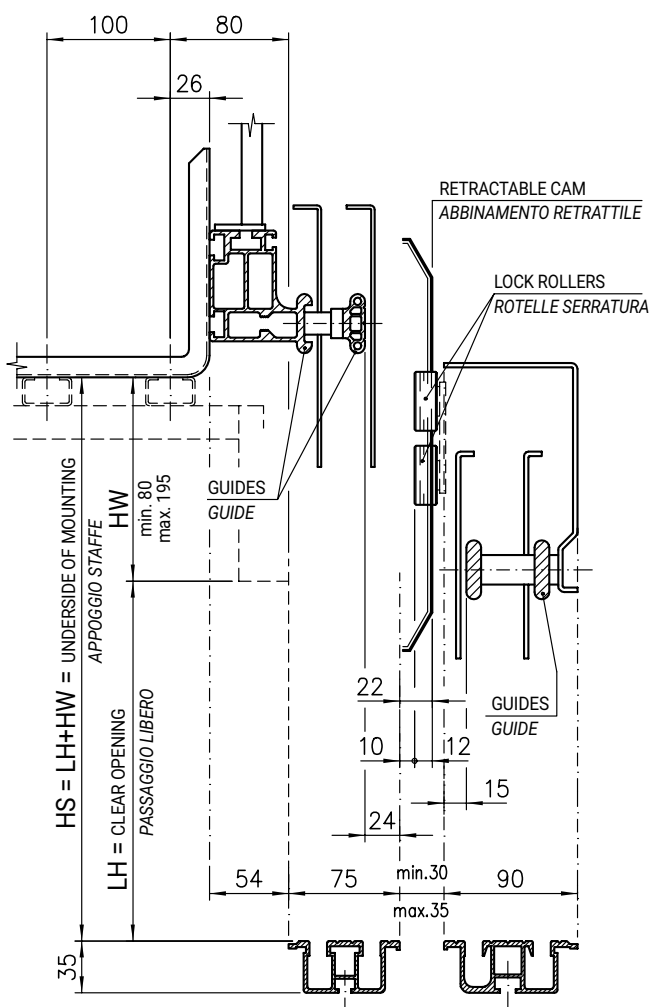
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LANDING AND CAR DOOR ARRANGEMENT

ACCOPIAMENTO TRA PORTA DI PIANO E PORTA DI CABINA

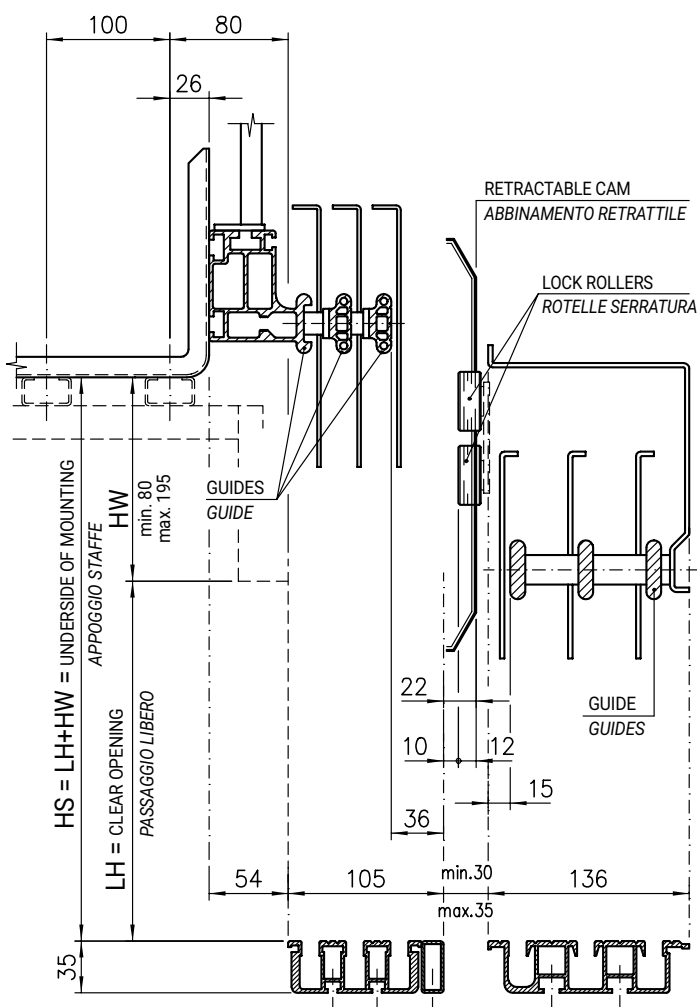
Typ 43/R-44/C



3201 - PIUMA,
TYP 44/C

3201 - HYDRA,
TYP 43/R

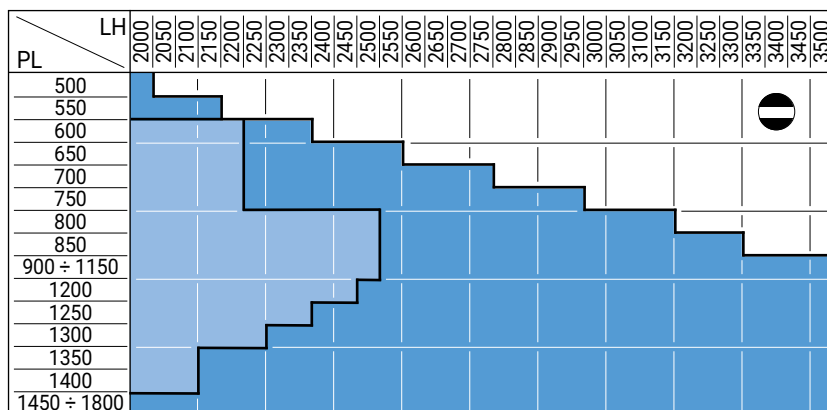
Typ 31-35/R-L



3201 - PIUMA,
TYP 35/R-L

3201 - HYDRA,
TYP 31/R-L

TABLE FOR SPECIAL EXECUTIONS - CENTRE PARTING DOORS
TABELLA PER ESECUZIONI SPECIALI - PORTE AD APERTURA CENTRALE

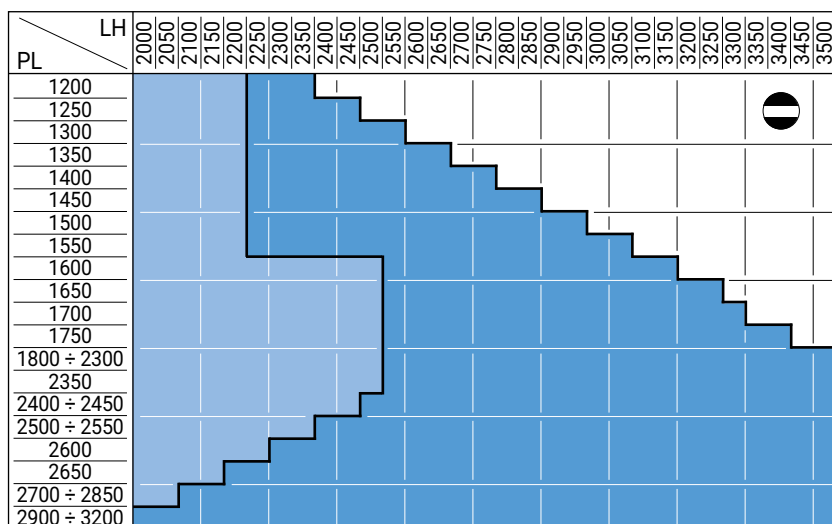


TY 01/C — —

 STANDARD DOORS
PORTE STANDARD


 REINFORCED DOORS
PORTE RINFORZATE

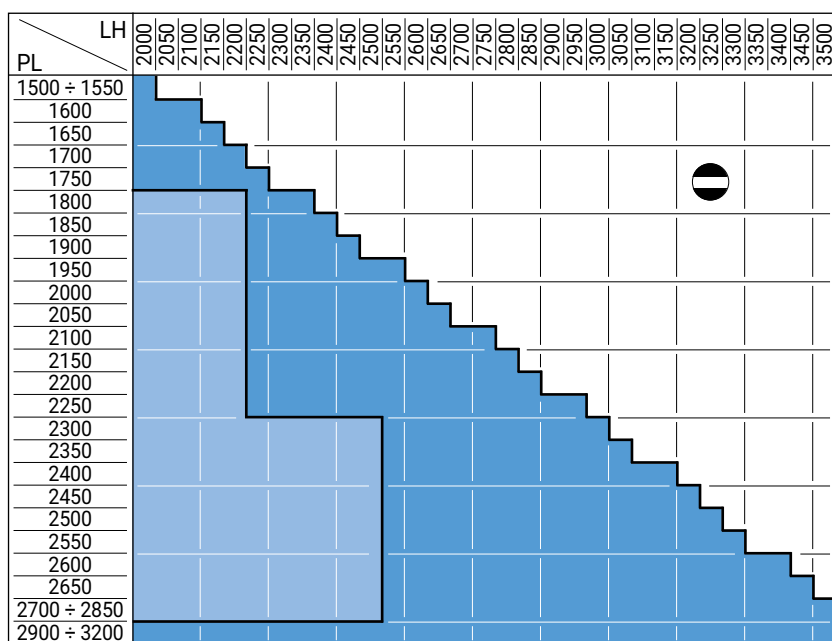
 NOT FEASIBLE DOORS
PORTE NON FATTIBILI

TY 41/C

 STANDARD DOORS
PORTE STANDARD

REINFORCED DOORS PORTE RINFORZATE


 NOT FEASIBLE DOORS
PORTE NON FATTIBILI



TY 61/C

 STANDARD DOORS
PORTE STANDARD

 **REINFORCED DOORS**
PORTE RINFORZATE

 NOT FEASIBLE DOORS
PORTE NON FATTIBILI

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TABLE FOR SPECIAL EXECUTIONS - SIDE OPENING LANDING DOORS

TABELLA PER ESECUZIONI SPECIALI - PORTE DI PIANO AD APERTURA LATERALE

PL \ LH	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950	3000	3050	3100	3150	3200	3250	3300	3350	3400	3450	3500
500																															
550																															
600																															
650																															
700																															
750																															
800																															
850																															
900																															
950 ÷ 1400																															

TY 71/R-L

- STANDARD DOORS
PORTE STANDARD
- REINFORCED DOORS
PORTE RINFORZATE
- NOT FEASIBLE DOORS
PORTE NON FATTIBILI

PL \ LH	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950	3000	3050	3100	3150	3200	3250	3300	3350	3400	3450	3500
500																															
550																															
600																															
650																															
700																															
750																															
800																															
850																															
900 ÷ 1150																															
1200																															
1250																															
1300																															
1350																															
1400																															
1450 ÷ 1800																															

TY 11/R-L

- STANDARD DOORS
PORTE STANDARD
- REINFORCED DOORS
PORTE RINFORZATE
- NOT FEASIBLE DOORS
PORTE NON FATTIBILI

PL \ LH	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950	3000	3050	3100	3150	3200	3250	3300	3350	3400	3450	3500
600 ÷ 750																															
800																															
850																															
900																															
950																															
1000																															
1050																															
1100																															
1150																															
1200																															
1250																															
1300																															
1350 ÷ 1450																															
1500 ÷ 2100																															

TY 31/R-L

- STANDARD DOORS
PORTE STANDARD
- REINFORCED DOORS
PORTE RINFORZATE
- NOT FEASIBLE DOORS
PORTE NON FATTIBILI

AUTOMATIC DOORS SERIES 3201-HYDRA

PORTE AUTOMATICHE SERIE 3201-HYDRA

Code/Codice TC.2.001983.EN
Version/Versione /
Date/Data 12.10.2010
Page/Pagina 1.7.2


TABLE FOR SPECIAL EXECUTIONS - CENTRE PARTING DOORS

TABELLA PER ESECUZIONI SPECIALI - PORTE AD APERTURA CENTRALE

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

TY 43/R 


 STANDARD DOORS
PORTE STANDARD


 NOT FEASIBLE DOORS
PORTE NON FATTIBILI

PL \ LH	LH			
	2000	2050	2100	2150
900				
950				
1000				
1050				
1100				
1150				
1200				
1250				
1300				
1350				
1400				
1450				
1500				
1550				
1600				
1650				
1700				

TY 65/R 

 STANDARD DOORS
PORTE STANDARD

 DIMENSIONS ON REQUEST
DIMENSIONI A RICHIESTA

 NOT FEASIBLE DOORS
PORTE NON FATTIBILI

AUTOMATIC DOORS SERIES 3201-HYDRA

PORTE AUTOMATICHE SERIE 3201-HYDRA

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J
08.03.2021
1.7.3

TABLE FOR SHIELD PRO EXECUTION - CENTRE PARTING DOORS
TABELLA PER ESECUZIONE SHIELD PRO - PORTE AD APERTURA CENTRALE

PL \ LH	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950	3000	3050	3100	3150	3200	3250	3300	3350	3400	3450	3500
600																															
650																															
700																															
750																															
800																															
850																															
900																															
950 ÷ 1400																															
1400 ÷ 1800																															

TY 01/C

- TESTED DOORS
PORTE TESTATE
- ASK TECHNICAL DEPT. FOR FEASIBILITY
CHIEDERE LA FATTIBILITA' ALL'UFFICIO TECNICO
- NOT FEASIBLE DOORS
PORTE NON FATTIBILI

PL \ LH	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950	3000	3050	3100	3150	3200	3250	3300	3350	3400	3450	3500
1200																															
1250																															
1300																															
1350																															
1400																															
1450																															
1500																															
1550																															
1600																															
1650																															
1700																															
1750																															
1800																															
1850 ÷ 2800																															
2800 ÷ 3200																															

TY 41/C

- TESTED DOORS
PORTE TESTATE
- ASK TECHNICAL DEPT. FOR FEASIBILITY
CHIEDERE LA FATTIBILITA' ALL'UFFICIO TECNICO
- NOT FEASIBLE DOORS
PORTE NON FATTIBILI

PL \ LH	2000	2050	2100	2150	2220
600					
650					
700					
750					
800					
850					
900					
950					
1000					
1050					
1100					
1150					

TY 43/R

- TESTED DOORS
PORTE TESTATE
- ASK TECHNICAL DEPT. FOR FEASIBILITY
CHIEDERE LA FATTIBILITA' ALL'UFFICIO TECNICO
- NOT FEASIBLE DOORS
PORTE NON FATTIBILI

AUTOMATIC DOORS SERIES 3201-HYDRA PORTE AUTOMATICHE SERIE 3201-HYDRA

TC.2.001983.EN
J
08.03.2021
1.7.4

TABLE FOR SHIELD PRO EXECUTION - SIDE OPENING LANDING DOORS

TABELLA PER ESECUZIONE SHIELD PRO- PORTE DI PIANO AD APERTURA LATERALE

PL \ LH	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950	3000	3050	3100	3150	3200	3250	3300	3350	3400	3450	3500
600																															
650																															
700																															
750																															
800																															
850																															
900																															
950 ÷ 1400																															
1400 ÷ 1800																															

TY 11/R-L

TESTED DOORS
PORTE TESTATE

ASK TECHNICAL DEPT. FOR FEASIBILITY
CHIEDERE LA FATTIBILITA' ALL'UFFICIO TECNICO

NOT FEASIBLE DOORS
PORTE NON FATTIBILI

PL \ LH	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950	3000	3050	3100	3150	3200	3250	3300	3350	3400	3450	3500
600 ÷ 750																															
800																															
850																															
900																															
950																															
1000																															
1050																															
1100																															
1150																															
1200																															
1250																															
1300																															
1350																															
1400																															
1450 ÷ 2100																															

TY 31/R-L

TESTED DOORS
PORTE TESTATE

ASK TECHNICAL DEPT. FOR FEASIBILITY
CHIEDERE LA FATTIBILITA' ALL'UFFICIO TECNICO

NOT FEASIBLE DOORS
PORTE NON FATTIBILI

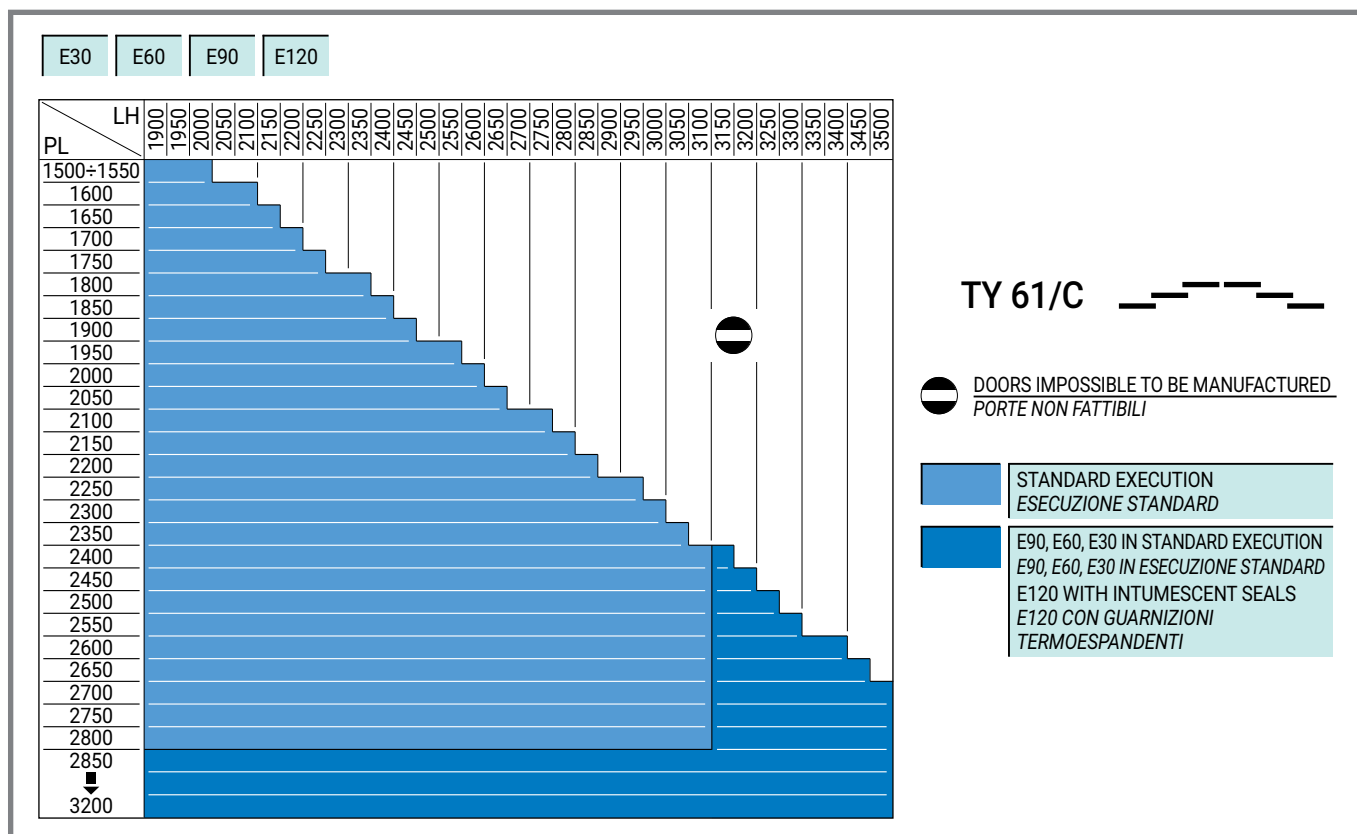
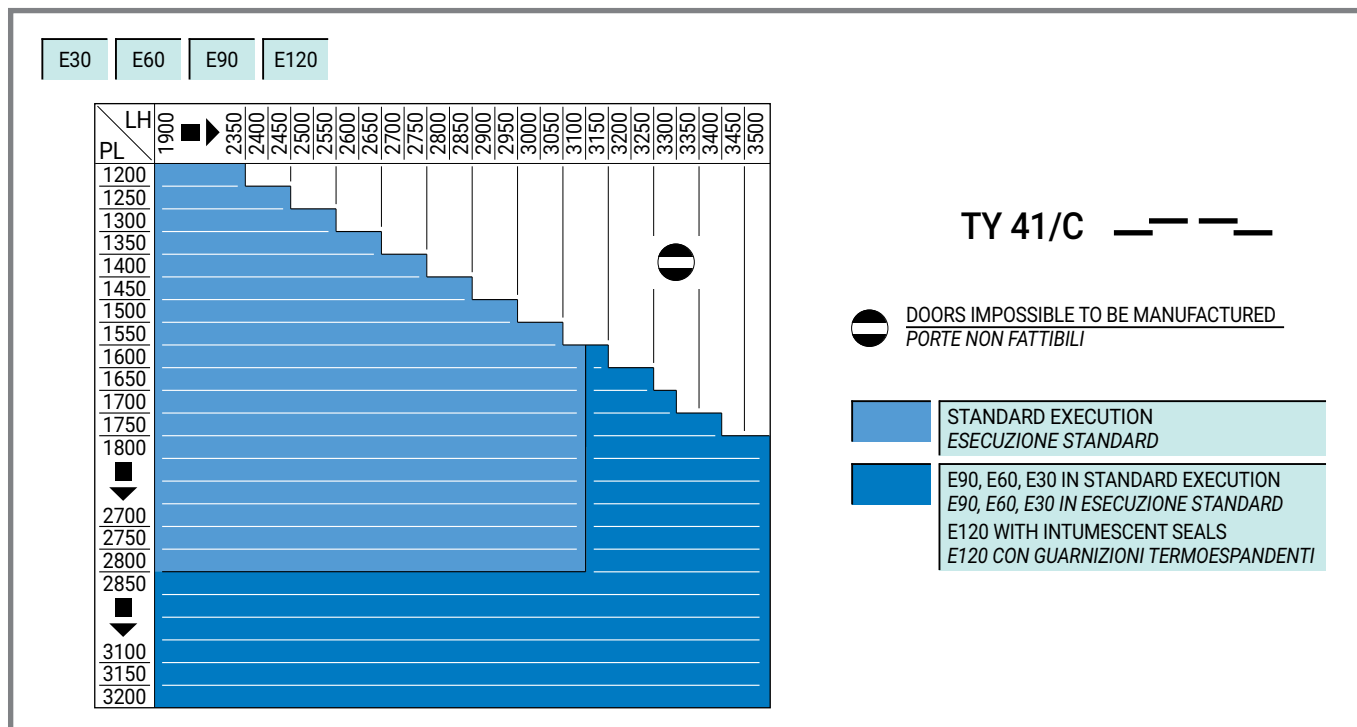
AUTOMATIC DOORS SERIES 3201-HYDRA

PORTE AUTOMATICHE SERIE 3201-HYDRA

Code/Codice TC.2.001983.EN
Version/Versione A
Date/Data 10.10.2017
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TABLES FOR CLASS "E" FIRE-RESISTANT DOORS EXECUTION

TABELLE PER ESECUZIONE PORTE RESISTENTI AL FUOCO CLASSE "E"



AUTOMATIC DOORS SERIES 3201-HYDRA PORTE AUTOMATICHE SERIE 3201-HYDRA

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Version/Versione B
Date/Data 12.04.2018
Page/Pagina 1.8.2

TABLES FOR CLASS "E" FIRE-RESISTANT DOORS EXECUTION TABELLE PER ESECUZIONE PORTE RESISTENTI AL FUOCO CLASSE "E"

E30 E60 E90 E120

PL \ LH	1900	1950	2000	2050	2100	2150	2200
600							
650							
700							
750							
800							
850							
900							
1150							

TY 43/R

STANDARD EXECUTION
ESECUZIONE STANDARD

E30 E60 E90 E120

PL \ LH	1900	1950	2000	2050	2100	2150	2200
900							
950							
1000							
1050							
1100							
1150							
1200							
1450							

TY 65/R

STANDARD EXECUTION
ESECUZIONE STANDARD

E30 E60 E90 E120

PL \ LH	1900	2350	2400	2550	2600	2750	2800	2950	3000	3050	3100	3150	3200	3250	3300	3350	3400	3450	3500
600																			
650																			
700																			
750																			
800																			
850																			
900																			
1400																			

TY 71/R-L

STANDARD EXECUTION
ESECUZIONE STANDARD

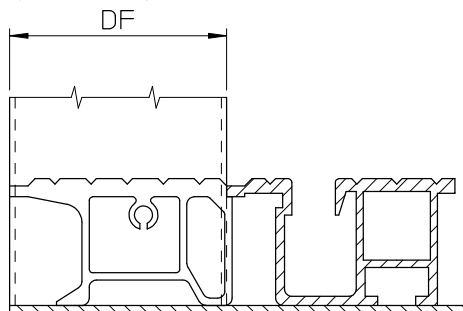
E90, E60, E30 IN STANDARD EXECUTION
E90, E60, E30 IN ESECUZIONE STANDARD
E120 WITH INTUMESCENT SEALS
E120 CON GUARNIZIONI TERMOESPANDENTI

AUTOMATIC DOORS SERIES 3201-HYDRA PORTE AUTOMATICHE SERIE 3201-HYDRA

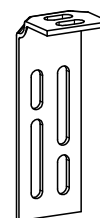
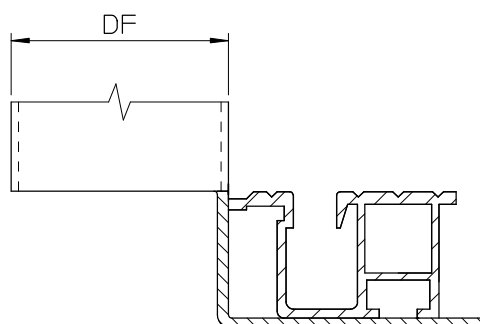
Code/Codice TC.2.001983.EN
Version/Versione H
Date/Data 10.04.2020
Page/Pagina 1.9

COVER SILL VARIANT VARIANTI COPRISOGLIA

COVER SILL TYPE "PARMA" VARIANT (STANDARD) VARIANTI COPRISOGLIA TIPO "PARMA" (STANDARD)



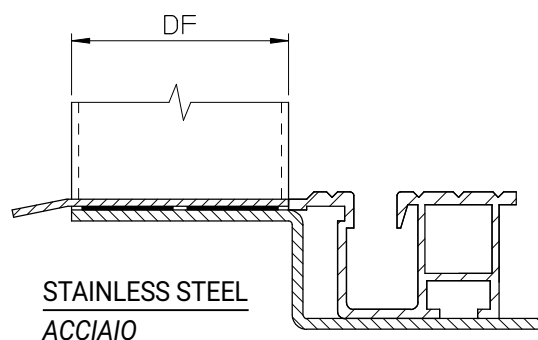
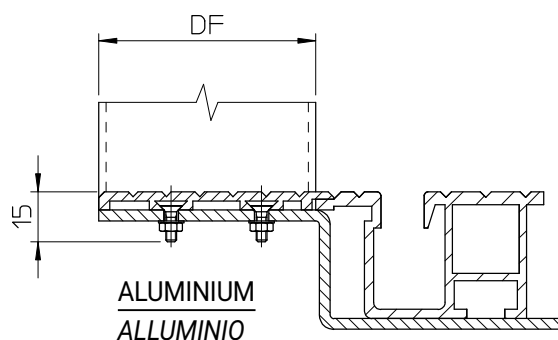
FLOOR LINE FRAME VARIANT VARIANTE FILO PAVIMENTO



IN CASE OF FLOOR LINE FRAME OR COVER
SILL TYPE "BERLIN" BRACKET
CODE 3212.05.5032

IN CASO DI STIPITI A FILO PAVIMENTO O
SOTTOSOGLIA TIPO "BERLINO" STAFFE
COD. 3212.05.5032

COVER SILL TYPE "BERLIN" VARIANT (STANDARD) VARIANTI COPRISOGLIA TIPO "BERLINO" (STANDARD)



OTHER INFORMATION SEE CATALOGUES TC.2.001995.EN AND TC.2.003462.EN
PER ALTRE INFORMAZIONI VEDI I CATALOGHI TC.2.001995.EN AND TC.2.003462.EN

Subject to change without notice!

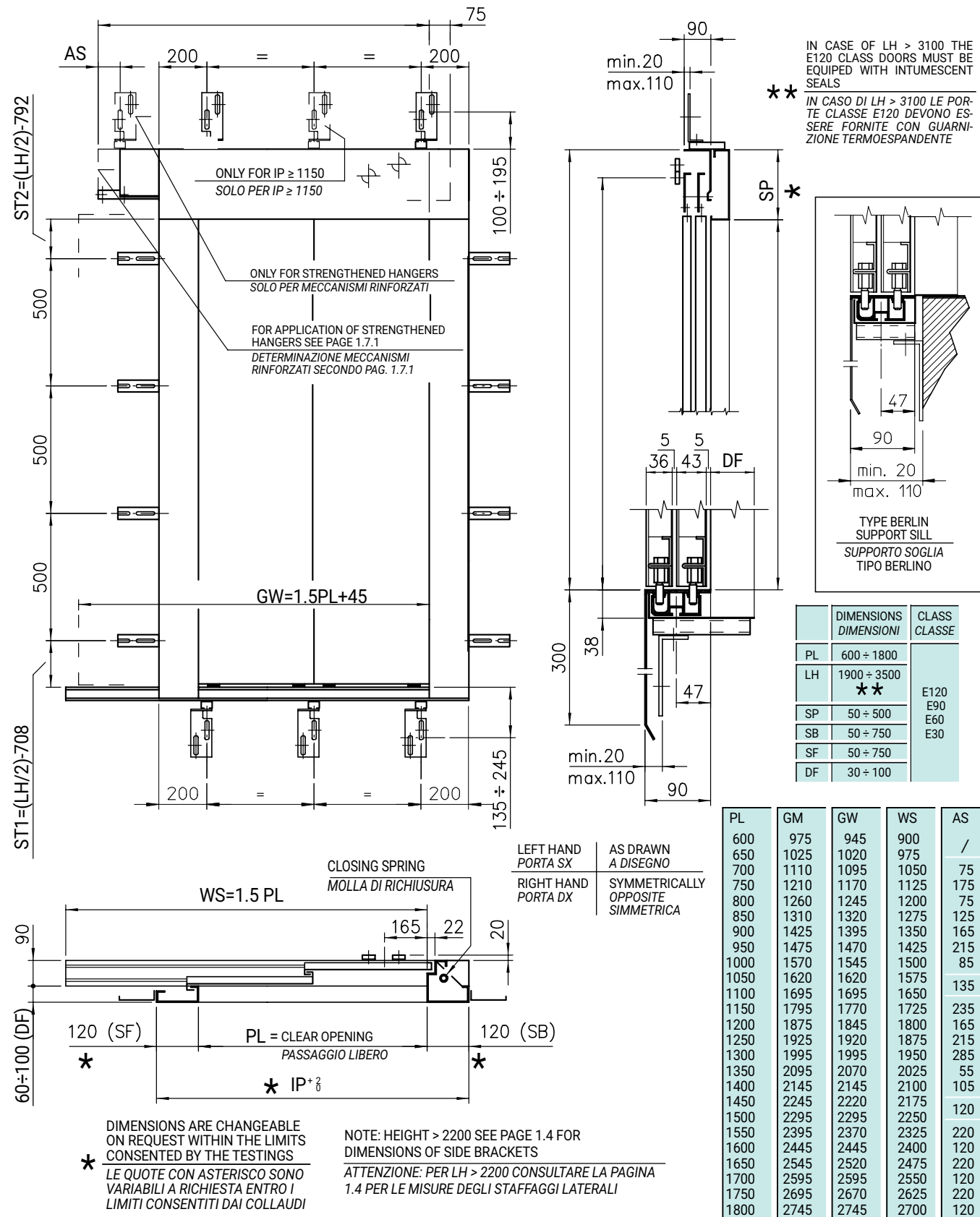
Soggetto a modifica senza preavviso!

AUTOMATIC DOORS SERIES 3201-HYDRA

PORTE AUTOMATICHE SERIE 3201-HYDRA

Code/Codice TC.2.001983.EN
Version/Versione J
Date/Data 08.03.2021
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TWO PANELS CLASS "E" FIRE-RESISTANT TELESCOPIC LANDING DOOR TYPE 11/R-L C.O.=600÷1800 WITH DF= 60÷100 AND SP≥222
PORTA DI PIANO 2 ANTE TELESCOPICA RESISTENTE AL FUOCO CLASSE "E", TIPO 11/R-L PL=600÷1800 CON DF=60÷100 E SP≥222



AUTOMATIC DOORS SERIES 3201-HYDRA

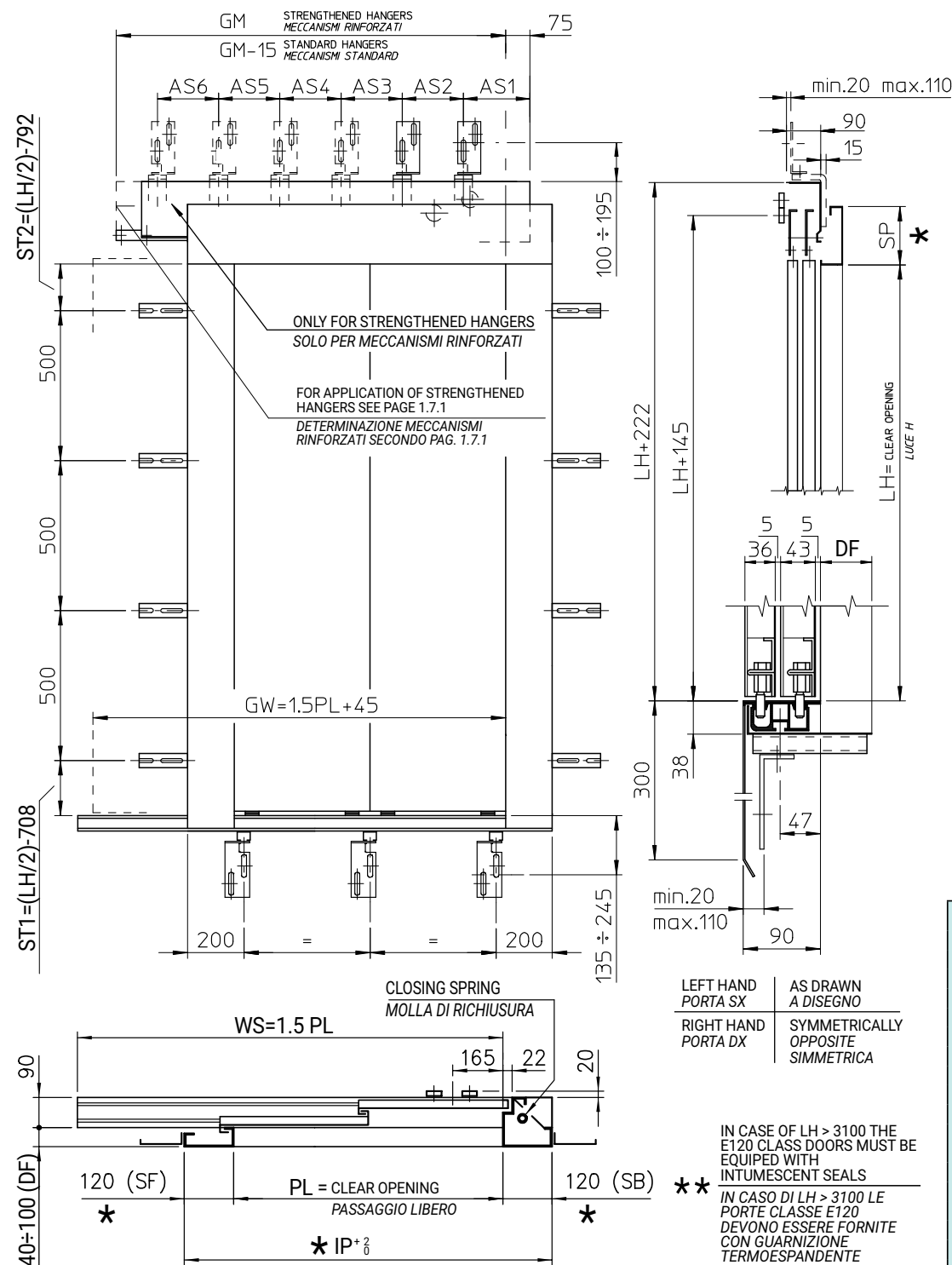
PORTE AUTOMATICHE SERIE 3201-HYDRA

Code/Codice TC.2.001983.EN
Version/Versione J
Date/Data 08.03.2021
Page/Pagina 2.1.1

TWO PANELS CLASS "E" FIRE-RESISTANT TELESCOPIC LANDING DOOR TYPE 11/R-L C.O.=600÷1800 WITH DF=40÷59 OR TYPE 11/R-L C.O.=600÷1800 WITH DF≥60 AND SP<222

PORTA DI PIANO 2 ANTE TELESCOPICA RESISTENTE AL FUOCO CLASSE "E", TIPO 11/R-L PL=600÷1800 CON DF=40÷59 O

TIPO 11/R-L PL=600÷1800 CON DF≥60 E SP<222



NOTE: HEIGHT > 2200 SEE PAGE 1.4 FOR DIMENSIONS OF SIDE BRACKETS

ATTENZIONE: PER LH > 2200 CONSULTARE LA PAGINA 1.4 PER LE MISURE DEGLI STAFFAGGI LATERALI

NOTE: SEE PAGE 2.1.2 FOR DIMENSIONS OF TOP BRACKETS

ATTENZIONE: CONSULTARE LA PAGINA 2.1.2 PER LE MISURE DEGLI STAFFAGGI SUPERIORI

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

IN CASE OF LH > 3100 THE E120 CLASS DOORS MUST BE EQUIPPED WITH INTUMESCENT SEALS
IN CASO DI LH > 3100 LE PORTE CLASSE E120 DEVONO ESSERE FORNITE CON GUARNIZIONE TERMOESPANDENTE

DIMENSIONS ARE CHANGEABLE ON REQUEST WITHIN THE LIMITS CONSENTED BY THE TESTINGS

* LE QUOTE CON ASTERISCO SONO VARIABILI A RICHIESTA ENTRO I LIMITI CONSENTITI DAI COLLAUDI



AUTOMATIC DOORS SERIES 3201-HYDRA **PORTE AUTOMATICHE SERIE 3201-HYDRA**

Code/Codice TC.2.001983.EN
 Version/Versione J
 Date/Data 08.03.2021
 Page/Pagina 2.1.2

TWO PANELS CLASS "E" FIRE-RESISTANT TELESCOPIC LANDING DOOR TYPE 11/R-L C.O.=600÷1800
PORTA DI PIANO 2 ANTE TELESCOPICA RESISTENTE AL FUOCO CLASSE "E", TIPO 11/R-L PL=600÷1800

STANDARD MECHANISM MECCANISMO STANDARD						
PL	As1	As2	As3	As4	As5	As6
600	155*	375*	/	/		
650		460*				
700						
750		580*				
800	155	315	375		/	
850						
900						
950						
1000	265	345	350	375		/
1050						
1100						
1150						
1200		375	545	525		
1250		450				
1300		340				
1350						
1400	/	/	/	/	/	
1450						
1500						
1550						
1600						
1650						
1700						
1750						
1800						

STRENGTHENED HANGERS (SB-SF ≥ 110) MECCANISMI RINFORZATI (SB-SF ≥ 110)						
PL	As1	As2	As3	As4	As5	As6
600		455	/	/		
650						
700		500	450			
750		540	415			
800			560	420		
850			350			
900		335	390			
950			430			
1000			415	580	/	/
1050		410	415			
1100		485	425			
1150			500			
1200	155	410	650	570		
1250			530			
1300		530	550			
1350			390			
1400		450	390	370	420	330
1450						
1500			465			
1550			410			
1600		560	430	485	385	386
1650						
1700			135			
1750		500	540			
1800				535	410	490
					485	485

AUTOMATIC DOORS SERIES 3201-HYDRA

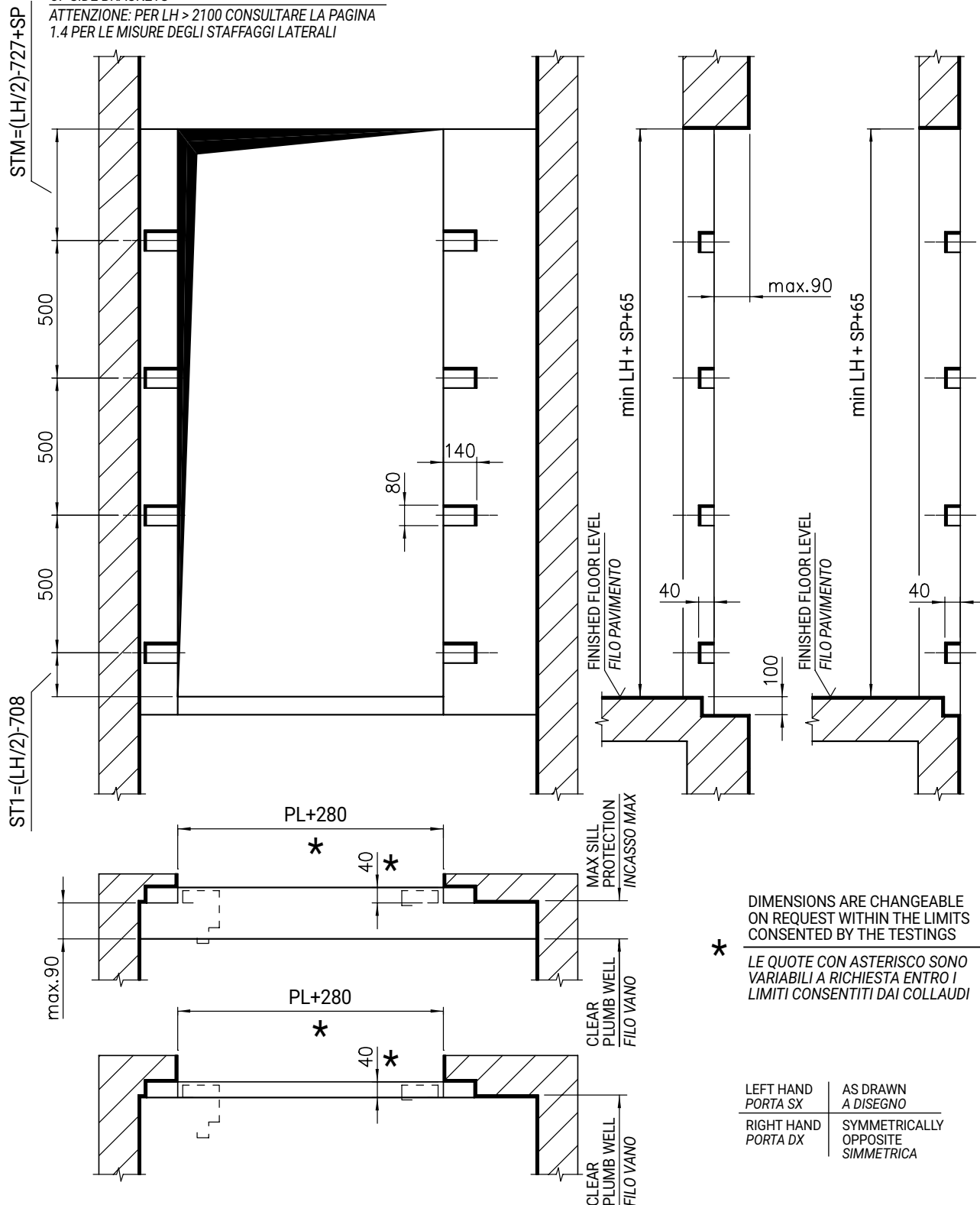
PORTE AUTOMATICHE SERIE 3201-HYDRA

Code/Codice TC.2.001983.EN
Version/Versione /
Date/Data 12.10.2010
Page/Pagina 2.1.4

SHAFT WALL FOR TWO PANELS CLASS "E" FIRE-RESISTANT TELESCOPIC DOOR, TYPE 11/R-L
VANO MURATURA PER PORTA 2 ANTE TELESCOPICA RESISTENTE AL FUOCO CLASSE "E", TIPO 11/R-L

NOTE: HEIGHT > 2100 SEE PAGE 1.4 FOR DIMENSIONS OF SIDE BRACKETS

ATTENZIONE: PER LH > 2100 CONSULTARE LA PAGINA 1.4 PER LE MISURE DEGLI STAFFAGGI LATERALI

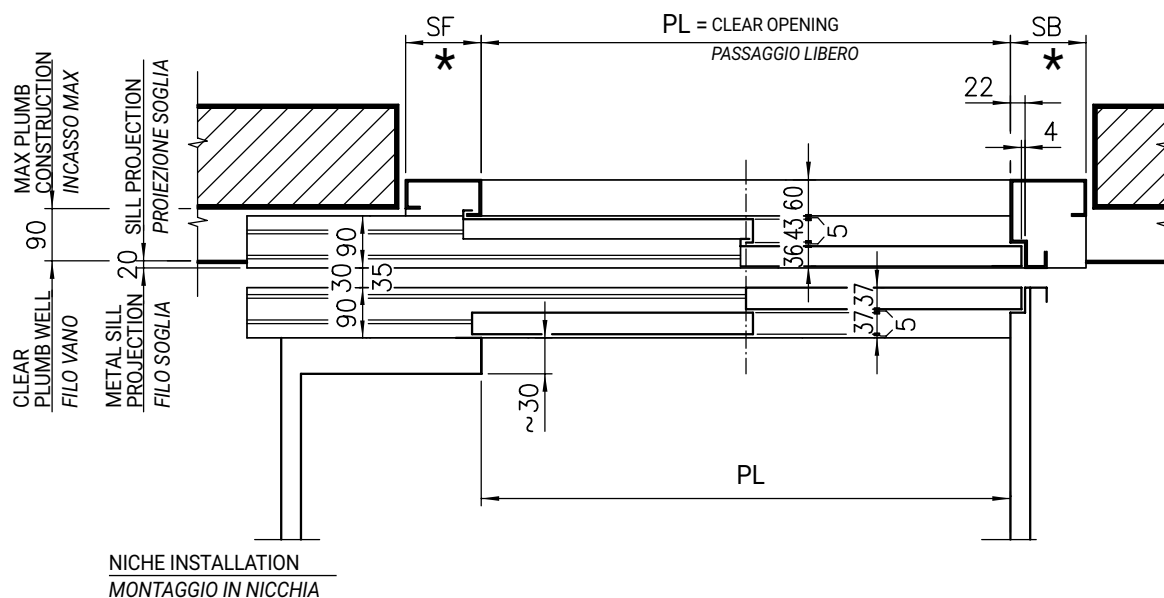
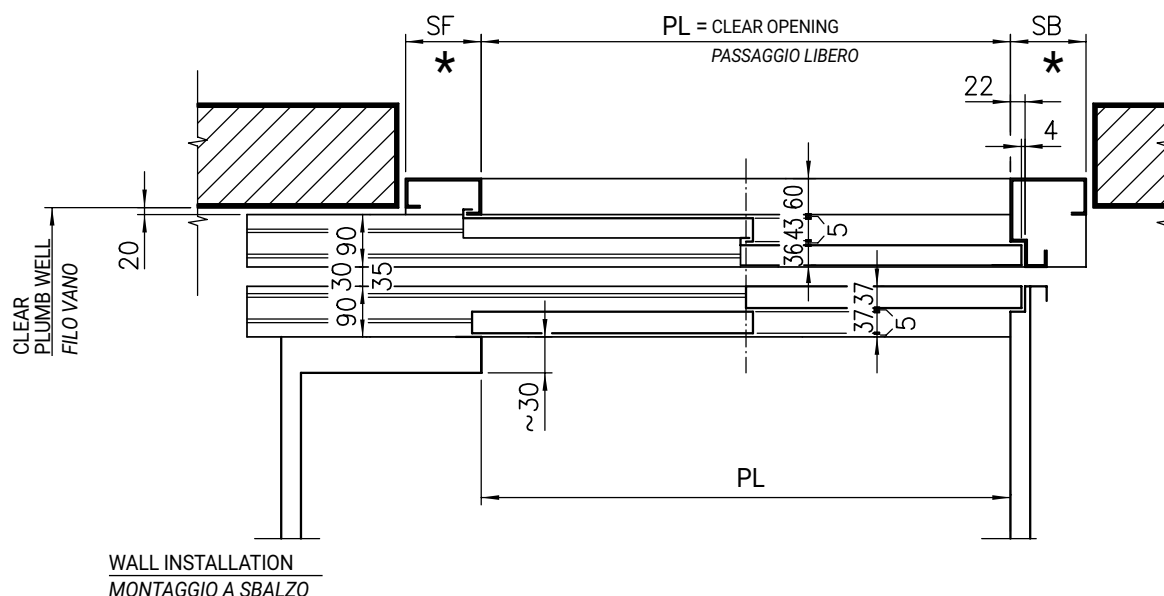


AUTOMATIC DOORS SERIES 3201-HYDRA

PORTE AUTOMATICHE SERIE 3201-HYDRA

Code/Codice TC.2.001983.EN
Version/Versione K
Date/Data 22.6.2022
Page/Pagina 2.2

ARRANGEMENT FOR TWO PANELS CLASS "E" FIRE-RESISTANT TELESCOPIC LANDING DOOR, TYPE 11-12/R-L
ACCOPIAMENTO PER PORTA DI PIANO 2 ANTE TELESCOPICA RESISTENTE AL FUOCO CLASSE "E"



DIMENSIONS ARE CHANGEABLE
ON REQUEST WITHIN THE LIMITS
CONSENTED BY THE TESTINGS

* LE QUOTE CON ASTERISCO SONO
VARIABILI A RICHIESTA ENTRO I
LIMITI CONSENTITI DAI COLLAUDI

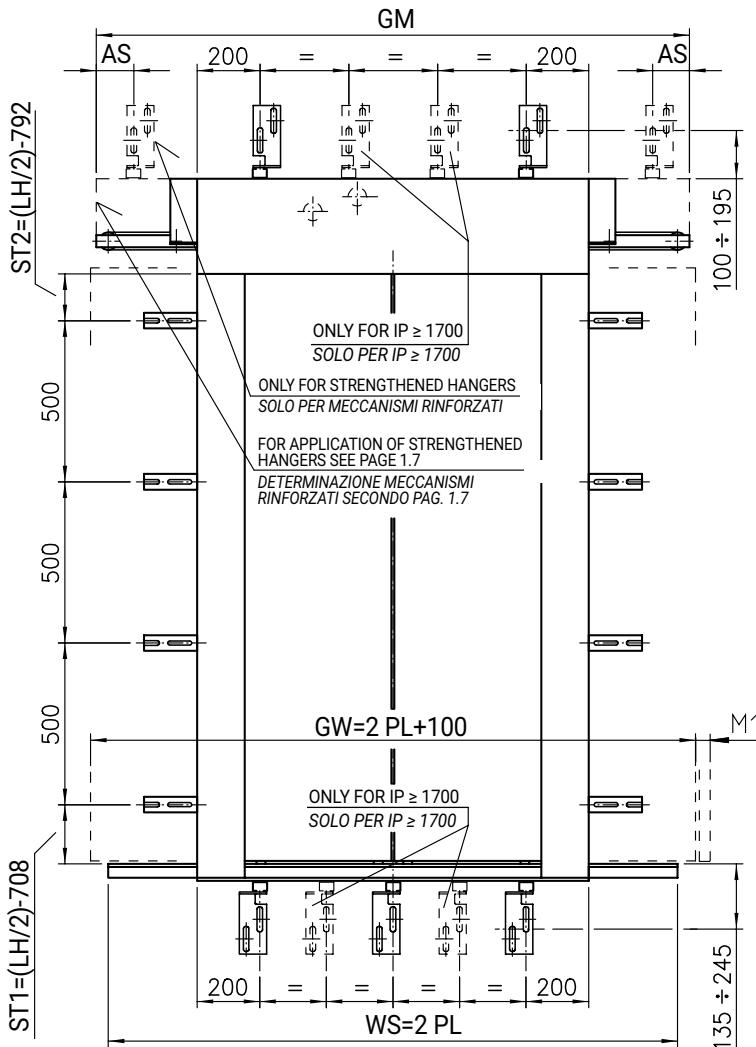
LEFT HAND PORTA SX	AS DRAWN A DISEGNO
RIGHT HAND PORTA DX	SYMMETRICALLY OPPOSITE SIMMETRICA

AUTOMATIC DOORS SERIES 3201-HYDRA

PORTE AUTOMATICHE SERIE 3201-HYDRA

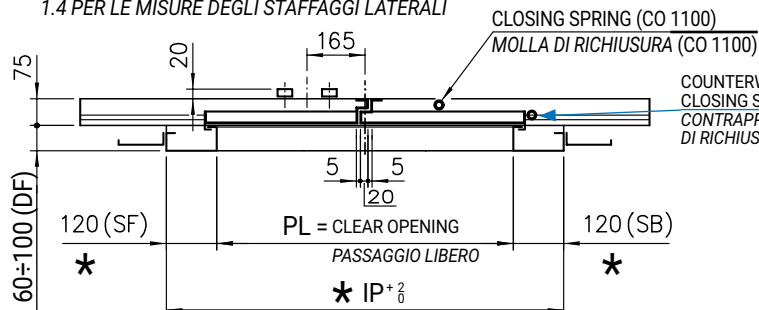
Code/Codice TC.2.001983.EN
Version/Versione J
Date/Data 08.03.2021
Page/Pagina 3.1

TWO PANELS CLASS "E" FIRE-RESISTANT CENTRE PARTING LANDING DOOR, TYPE 01/C C.O.=600÷1800 WITH DF=60÷100 AND SP≥222
PORTA DI PIANO 2 ANTE OPPOSTE RESISTENTE AL FUOCO CLASSE "E", TIPO 01/C PL=600÷1800 CON DF=60÷100 E SP≥222



NOTE: HEIGHT > 2200 SEE PAGE 1.4 FOR DIMENSIONS OF SIDE BRACKETS

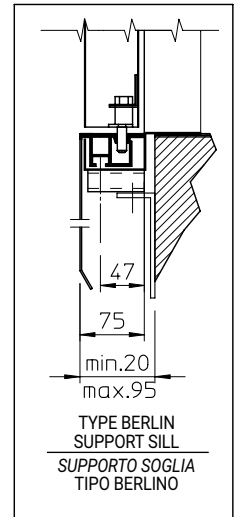
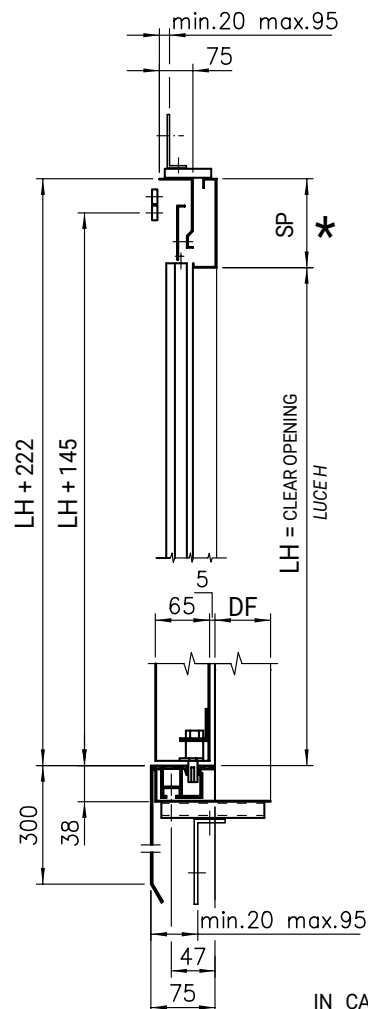
ATTENZIONE: PER LH > 2200 CONSULTARE LA PAGINA 1.4 PER LE MISURE DEGLI STAFFAGGI LATERALI



M1	0	WITH CLOSING SPRING (CO<1100) CON MOLLA DI RICHIUSURA (CO<1100)
	35	WITH CLOSING SPRING (CO≥1100) CON MOLLA DI RICHIUSURA (CO≥1100)
	70	WITH COUNTERWEIGHT CON CONTRAPPESO

DIMENSIONS ARE CHANGEABLE ON REQUEST WITHIN THE LIMITS CONSENTED BY THE TESTINGS

LE QUOTE CON ASTERISCO SONO VARIABILI A RICHIESTA ENTRO I LIMITI CONSENTITI DAI COLLAUDI



**

IN CASE OF LH > 3100 THE E120 CLASS DOORS MUST BE EQUIPPED WITH INTUMESCENT SEALS

IN CASO DI LH > 3100 LE PORTE CLASSE E120 DEVONO ESSERE FORNITE CON GUARNIZIONE TERMOESPANDENTE

PL	GM	GW	WS	AS
600	1200	1300	1200	35
650	1340	1400	1300	60
700	1460	1500	1400	120
750	1610	1600	1500	195
800	1660	1700	1600	220
850	1710	1800	1700	245
900	1890	1900	1800	110
950	1940	2000	1900	135
1000	2080	2100	2000	205
1050	2130	2200	2100	230
1100	2230	2300	2200	55
1150	2308	2400	2300	130
1200	2490	2500	2400	190
1250	2540	2600	2500	215
1300	2630	2700	2600	260
1350	2780	2800	2700	55
1400	2830	2900	2800	80
1450	2980	3000	2900	120
1500	3030	3100	3000	195
1550	3180	3200	3100	120
1600	3230	3300	3200	195
1650	3380	3400	3300	120
1700	3430	3500	3400	195
1750	3580	3600	3500	120
1800	3630	3700	3600	220

	DIMENSIONS DIMENSIONI	CLASS CLASSE
PL	600 ÷ 1800	E120 E90 E60 E30
LH	1900 ÷ 3500	
SP	50 ÷ 500	
SB	50 ÷ 750	
SF	50 ÷ 750	
DF	30 ÷ 100	

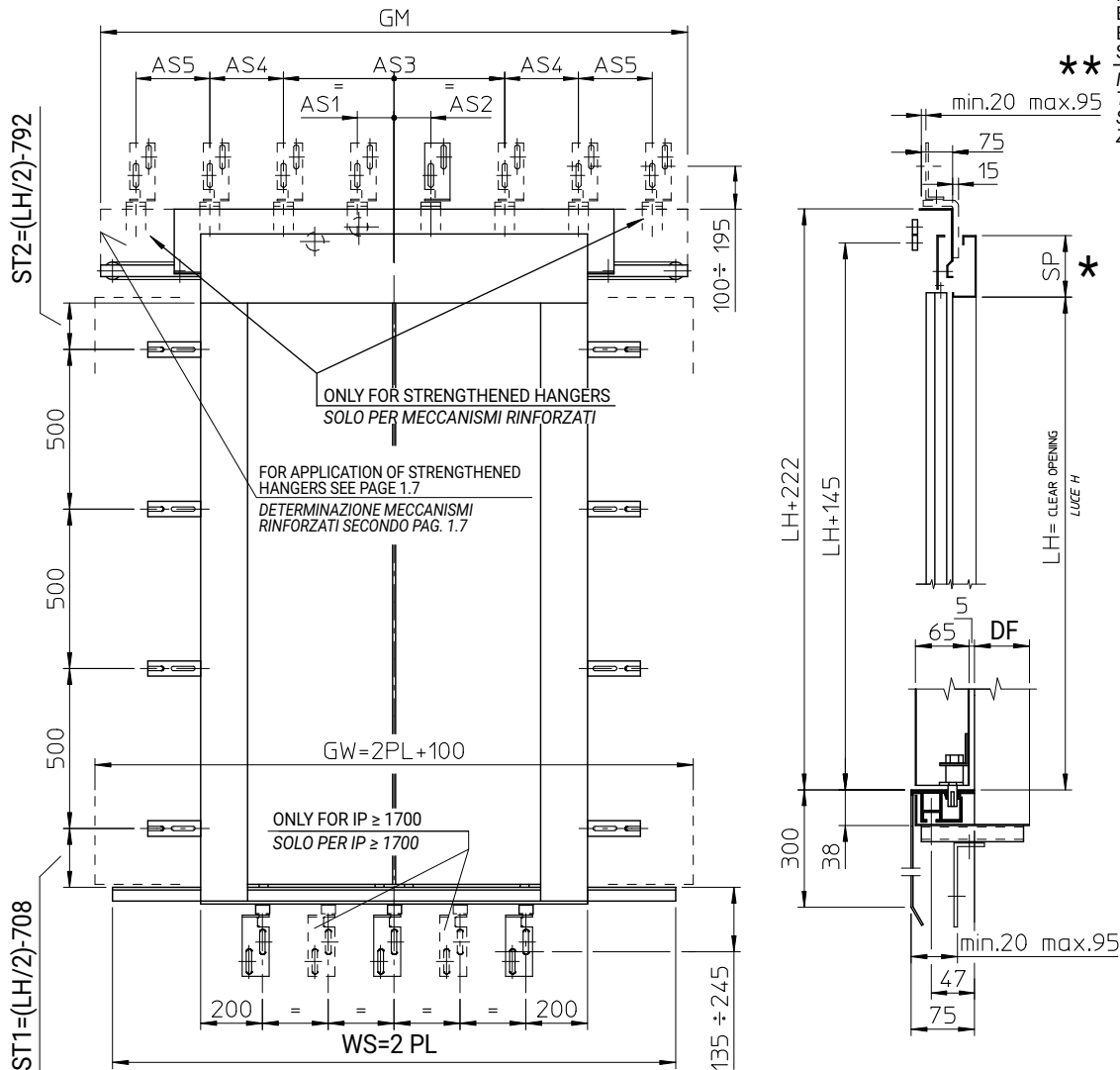
AUTOMATIC DOORS SERIES 3201-HYDRA

PORTE AUTOMATICHE SERIE 3201-HYDRA

Code/Codice TC.2.001983.EN
Version/Versione J
Date/Data 08.03.2021
Page/Pagina 3.1.1

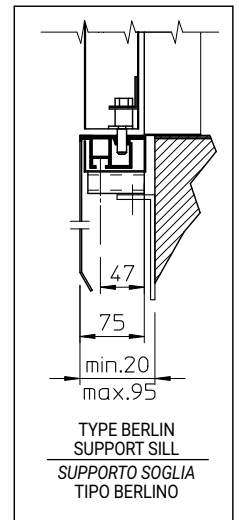
TWO PANELS CLASS "E" FIRE-RESISTANT CENTRE PARTING LANDING DOOR, TYPE 01/C C.O.=600÷1800 WITH DF=40÷59 OR TYPE 01/C C.O.=600÷1800 WITH DF≥60 AND SP<222

PORTA DI PIANO 2 ANTE OPPOSITE RESISTENTE AL FUOCO CLASSE "E", TIPO 01/C PL=600÷1800 CON DF=40÷59 O TIPO 01/C PL=600÷1800 CON DF≥60 E SP<222



IN CASE OF LH > 3100 THE E120 CLASS DOORS MUST BE EQUIPPED WITH INTUMESCENT SEALS

IN CASO DI LH > 3100 LE PORTE CLASSE E120 DEVONO ESSERE FORNITE CON GUARNIZIONE TERMOSPANDENTE



	DIMENSIONS DIMENSIONI	CLASS CLASSE
PL	600 ÷ 1800	E120 E90 E60 E30
LH	1900 ÷ 3500 ★ ★	
SP	50 ÷ 500	
SB	50 ÷ 750	
SF	50 ÷ 750	
DF	30 ÷ 100	

PL	GM	GW	WS
600	1200	1300	1200
650	1340	1400	1300
700	1460	1500	1400
750	1610	1600	1500
800	1660	1700	1600
850	1710	1800	1700
900	1890	1900	1800
950	1940	2000	1900
1000	2080	2100	2000
1050	2130	2200	2100
1100	2230	2300	2200
1150	2308	2400	2300
1200	2490	2500	2400
1250	2540	2600	2500
1300	2630	2700	2600
1350	2780	2800	2700
1400	2830	2900	2800
1450	2980	3000	2900
1500	3030	3100	3000
1550	3180	3200	3100
1600	3230	3300	3200
1650	3380	3400	3300
1700	3430	3500	3400
1750	3580	3600	3500
1800	3630	3700	3600

DIMENSIONS ARE CHANGEABLE ON REQUEST WITHIN THE LIMITS CONSENTED BY THE TESTINGS

LE QUOTE CON ASTERISCO SONO VARIABILI A RICHIESTA ENTRO I LIMITI CONSENTITI DAI COLLAUDI

M1	0	WITH CLOSING SPRING (CO<1100) CON MOLLA DI RICHIUSURA (CO<1100)
	35	WITH CLOSING SPRING (CO≥1100) CON MOLLA DI RICHIUSURA (CO≥1100)
	70	WITH COUNTERWEIGHT CON CONTRAPPESO

NOTE: HEIGHT > 2200 SEE PAGE 1.4
FOR DIMENSIONS OF SIDE BRACKETS

ATTENZIONE: PER LH > 2200 CONSULTARE LA PAGINA 1.4 PER LE MISURE DEGLI STAFFAGGI LATERALI

NOTE: SEE PAGE 3.1.2 FOR DIMENSIONS OF TOP BRACKETS
ATTENZIONE: CONSULTARE LA PAGINA 3.1.2 PER LE MISURE DEGLI STAFFAGGI SUPERIORI

Subject to change without notice!

Soggetto a modifica senza preavviso!



AUTOMATIC DOORS SERIES 3201-HYDRA **PORTE AUTOMATICHE SERIE 3201-HYDRA**

Code/Codice TC.2.001983.EN
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Page/Pagina 3.1.2

TWO PANELS CLASS "E" FIRE-RESISTANT CENTRE PARTING LANDING DOOR, TYPE 01/C C.O.=600÷1800
PORTA DI PIANO 2 ANTE OPPOSTE RESISTENTE AL FUOCO CLASSE "E", TIPO 01/C PL=600÷1800

STANDARD MECHANISM MECCANISMO STANDARD					
PL	As1	As2	As3	As4	As5
600					
650					
700	235	235	/		
750					
800				/	
850					
900			690		
950					
1000			840	340	
1050					
1100		30			/
1150			920	375	
1200					
1250					
1300	/		1070	300	
1350					
1400					
1450					
1500					
1550					
1600		/	/	/	
1650					
1700					
1750					
1800					

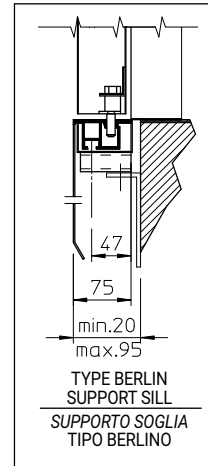
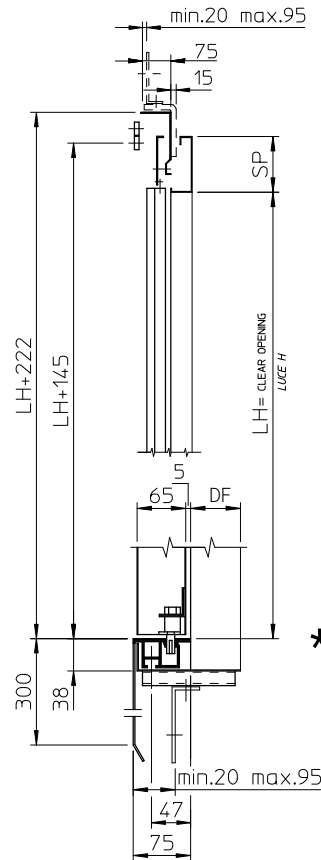
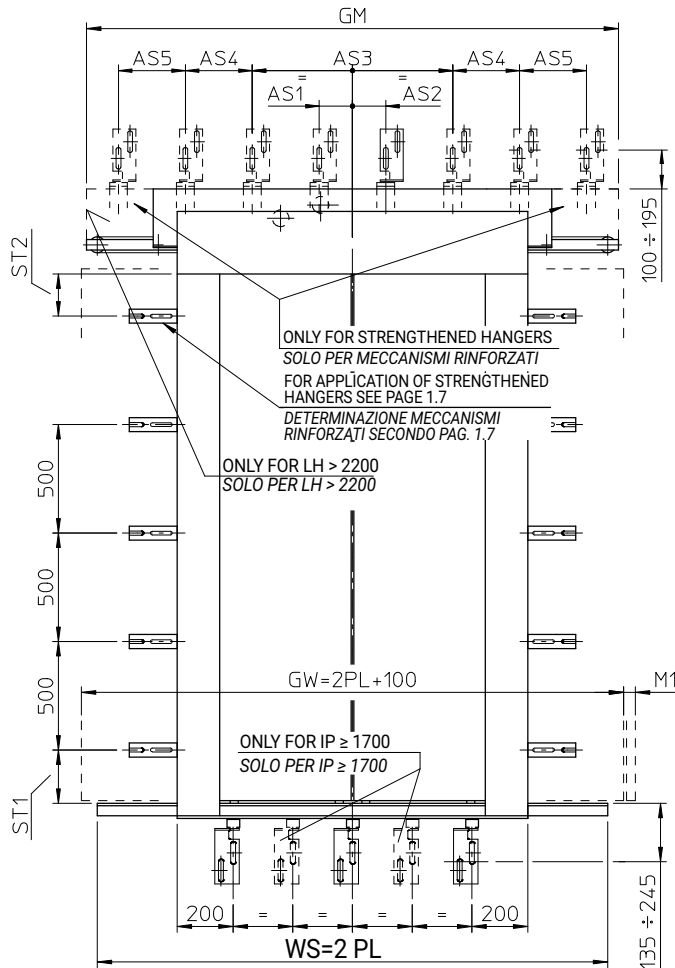
STRENGTHENED HANGERS (SB-SF ≥ 110) MECCANISMI RINFORZATI (SB-SF ≥ 110)					
PL	As1	As2	As3	As4	As5
600			/		
650					
700	235	235	1220	/	
750					
800					
850			680	270	
900			770	450	
950					/
1000		30	840	415	
1050					
1100			920	450	
1150					
1200					
1250	/				
1300		45	1100	505	
1350					280
1400					
1450			1330	360	345
1500			1360	345	
1550					370
1600		255	1480	385	
1650			1510	370	
1700			1580	410	
1750				395	395
1800			1610	395	

AUTOMATIC DOORS SERIES 3201-HYDRA

PORTE AUTOMATICHE SERIE 3201-HYDRA

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Page/Pagina 3.1.3

TWO PANELS CLASS "E" FIRE-RESISTANT CENTRE PARTING LANDING DOOR, TYPE 01/C C.O.=600÷1800 WITH DF=30÷39
PORTA DI PIANO 2 ANTE OPPOSITE RESISTENTE AL FUOCO CLASSE "E", TIPO 01/C PL=600÷1800 CON DF=30÷39



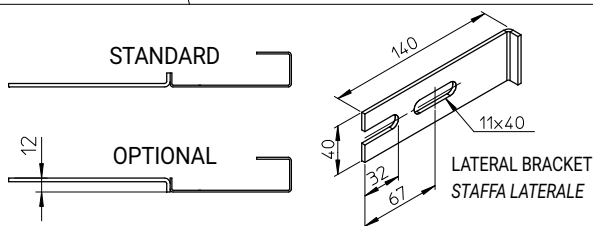
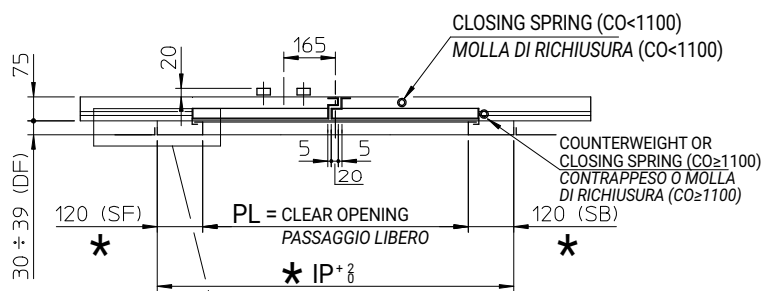
IN CASE OF LH > 3100 THE E120 CLASS DOORS MUST BE EQUIPPED WITH INTUMESCENT SEALS

IN CASO DI LH > 3100 LE PORTE CLASSE E120 DEVONO ESSERE FORNITE CON GUARNIZIONE TERMOSPANDENTE

	DIMENSIONS DIMENSIONI	CLASS CLASSE
PL	600 ÷ 1800	E120 E90 E60 E30
LH	1900 ÷ 3500	
SP	50 ÷ 500	
SB	50 ÷ 750	
SF	50 ÷ 750	
DF	30 ÷ 100	

CH	ST1	ST2
2000	327	/
2050	352	
2100	377	
2150	402	
2200	427	
2250	342	222
2300		
2350		
2400		
2450		
2500		
2550		
2600		
2650		

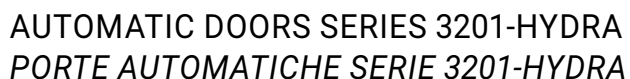
PL	GM	GW	WS
600	1200	1300	1200
650	1340	1400	1300
700	1460	1500	1400
750	1610	1600	1500
800	1660	1700	1600
850	1710	1800	1700
900	1890	1900	1800
950	1940	2000	1900
1000	2080	2100	2000
1050	2130	2200	2100
1100	2230	2300	2200
1150	2308	2400	2300
1200	2490	2500	2400
1250	2540	2600	2500
1300	2630	2700	2600
1350	2780	2800	2700
1400	2830	2900	2800
1450	2980	3000	2900
1500	3030	3100	3000
1550	3180	3200	3100
1600	3230	3300	3200
1650	3380	3400	3300
1700	3430	3500	3400
1750	3580	3600	3500
1800	3630	3700	3600



DIMENSIONS ARE CHANGEABLE ON REQUEST WITHIN THE LIMITS CONSENTED BY THE TESTINGS
LE QUOTE CON ASTERISCO SONO VARIABILI A RICHIESTA ENTRO I LIMITI CONSENTITI DAI COLLAUDI

NOTE: SEE PAGE 3.1.2 FOR DIMENSIONS OF TOP BRACKETS
ATTENZIONE: CONSULTARE LA PAGINA 3.1.2 PER LE MISURE DEGLI STAFFAGGI SUPERIORI

M1	0	WITH CLOSING SPRING (CO<1100) CON MOLLA DI RICHIUSURA (CO<1100)
M1	35	WITH CLOSING SPRING (CO≥1100) CON MOLLA DI RICHIUSURA (CO≥1100)
M1	70	WITH COUNTERWEIGHT CON CONTRAPPESO



SHAFT WALL FOR TWO PANELS CLASS "E" FIRE-RESISTANT CENTRAL OPENING DOOR, TYPE 01/C
VANO MURATURA PER PORTA 2 ANTE OPPOSITE RESISTENTE AL FUOCO CLASSE "E", TIPO 01/C

* LE QUOTE CON ASTERISCO SONO
VARIABILI A RICHIESTA ENTRO I
LIMITI CONSENTITI DAI COLLAUDI

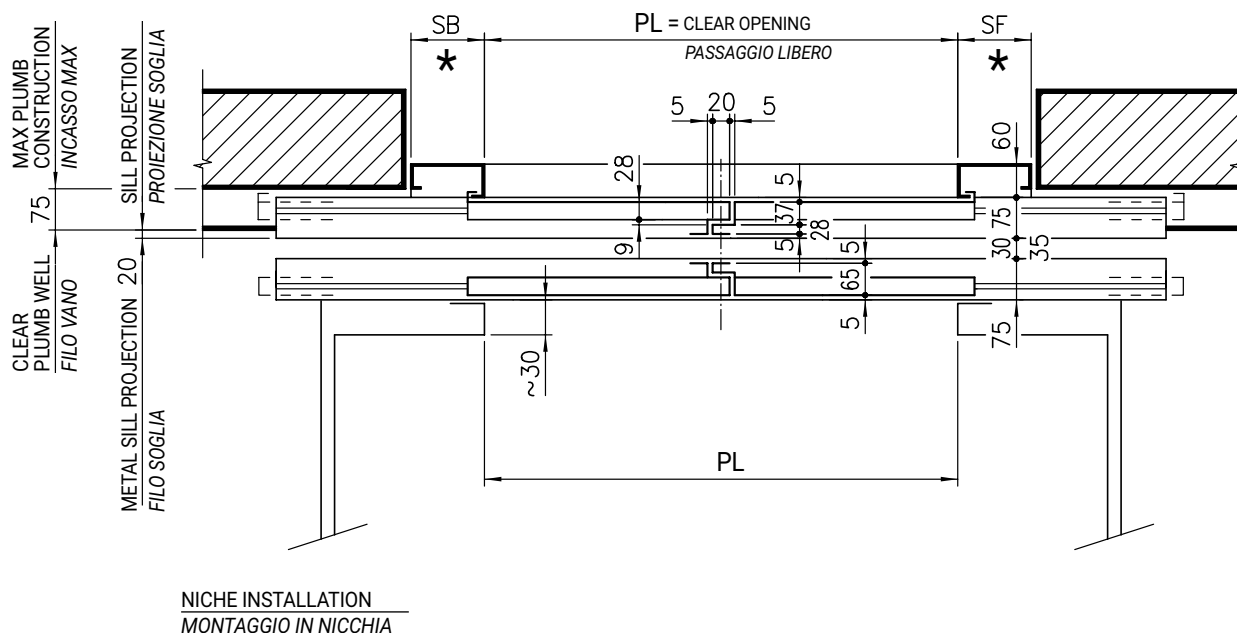
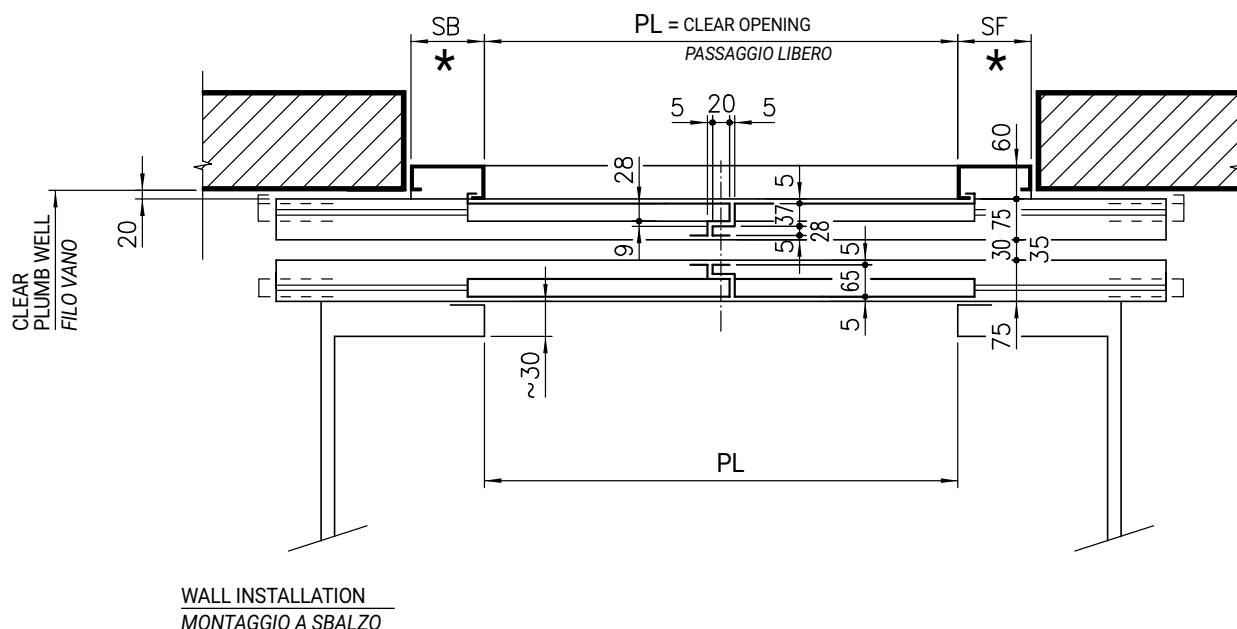
AUTOMATIC DOORS SERIES 3201-HYDRA

PORTE AUTOMATICHE SERIE 3201-HYDRA

Code/Codice TC.2.001983.EN
Version/Versione /
Date/Data 12.10.2010
Page/Pagina 3.2

ARRANGEMENT FOR TWO PANELS CLASS "E" FIRE-RESISTANT CENTRE PARTING LANDING DOOR, TYPE 01-02/C

ACCOPPIAMENTO PER PORTA DI PIANO 2 ANTE OPPOSTE RESISTENTE AL FUOCO CLASSE "E"



DIMENSIONS ARE CHANGEABLE
ON REQUEST WITHIN THE LIMITS
CONSENTED BY THE TESTINGS

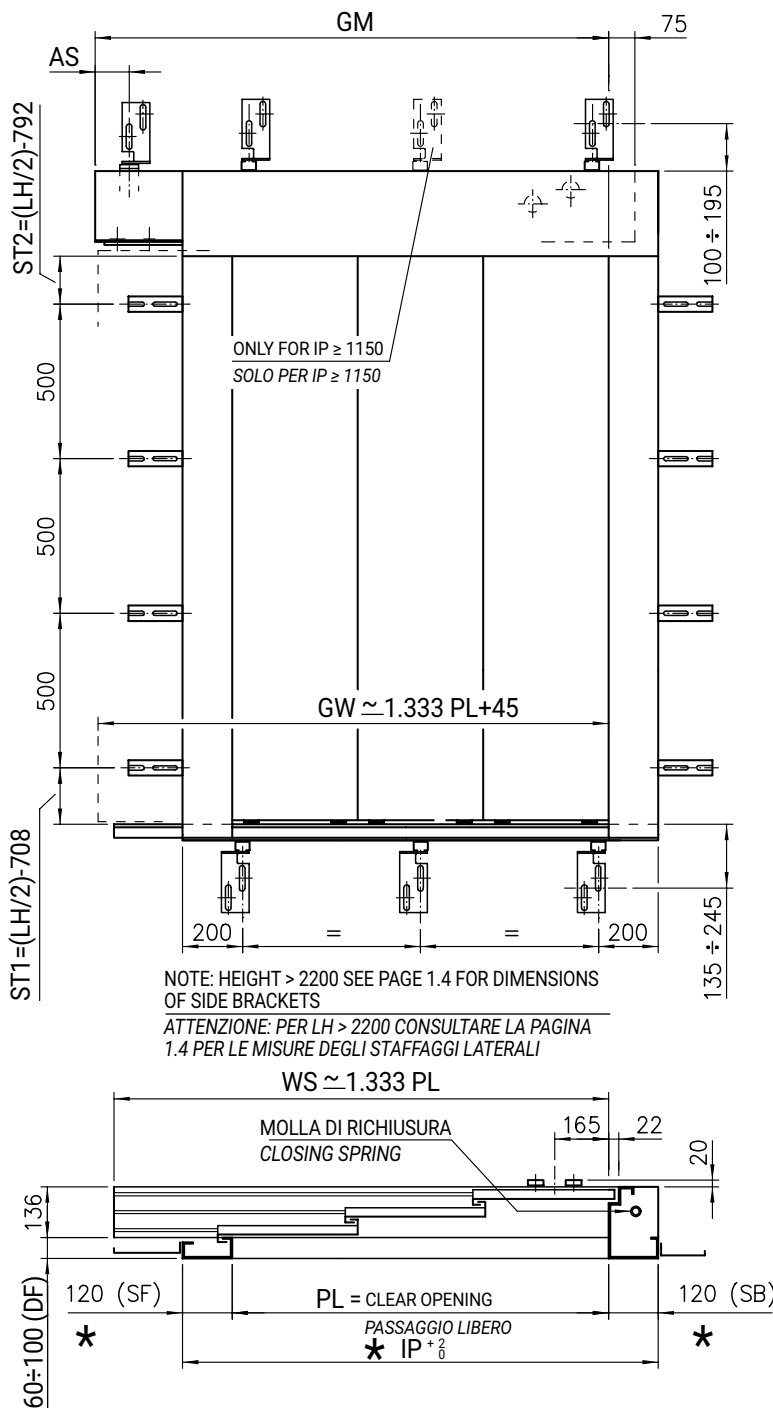
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LE QUOTE CON ASTERISCO SONO
VARIABILI A RICHIESTA ENTRO I
LIMITI CONSENTITI DAI COLLAUDI

AUTOMATIC DOORS SERIES 3201-HYDRA

PORTE AUTOMATICHE SERIE 3201-HYDRA

Code/Codice TC.2.001983.EN
Version/Versione K
Date/Data 22.06.2022
Page/Pagina 4.1

THREE PANELS CLASS "E" FIRE-RESISTANT TELESCOPIC LANDING DOOR, TYPE 31/R-L C.O.=600÷2100 WITH DF=60÷100 AND SP≥222
PORTA DI PIANO 3 ANTE TELESCOPICA RESISTENTE AL FUOCO CLASSE "E", TIPO 31/R-L PL=600÷2100 CON DF=60÷100 E SP≥222



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

**

IN CASE OF LH > 3100 THE E120 CLASS DOORS MUST BE EQUIPPED WITH INTUMESCENT SEALS

IN CASO DI LH > 3100 LE PORTE CLASSE E120 DEVONO ESSERE FORNITE CON GUARNIZIONE TERMOESPANDENTE

DIMENSIONS ARE CHANGEABLE ON REQUEST WITHIN THE LIMITS CONSENTED BY THE TESTINGS

LE QUOTE CON ASTERISCO SONO VARIABILI A RICHIESTA ENTRO I LIMITI CONSENTITI DAI COLLAUDI

PL	GM	GW	WS	AS	PL	GM	GW	WS	AS
600	950	845	825	185	1400	1925	1911	1850	120
650	1000	911	885	115	1450	1975	1978	1930	170
700	1050	978	930	165	1500	2070	2045	2000	120
750	1100	1045	1000	140	1550	2120	2111	2050	170
800	1150	1111	1060	115	1600	2195	2178	2130	120
850	1200	1178	1130	165	1650	2245	2245	2200	170
900	1275	1245	1200	125	1700	2345	2311	2250	120
950	1325	1311	1250	140	1750	2395	2378	2330	170
1000	1375	1378	1330	115	1800	2475	2445	2400	120
1050	1460	1445	1400	125	1850	2525	2511	2450	170
1100	1510	1511	1450	175	1900	2575	2578	2530	120
1150	1610	1578	1530	125	1950	2645	2645	2600	170
1200	1660	1645	1600	175	2000	2745	2711	2650	190
1250	1710	1711	1650	150	2050	2795	2778	2730	240
1300	1825	1778	1730	115	2100	2845	2845	2800	190
1350	1875	1845	1800	120					

	DIMENSIONS DIMENSIONI	CLASS CLASSE
PL	600 ÷ 1800	E120 E90 E60 E30
LH	1900 ÷ 3500	
SP	50 ÷ 500	
SB	50 ÷ 750	
SF	50 ÷ 750	
DF	30 ÷ 100	

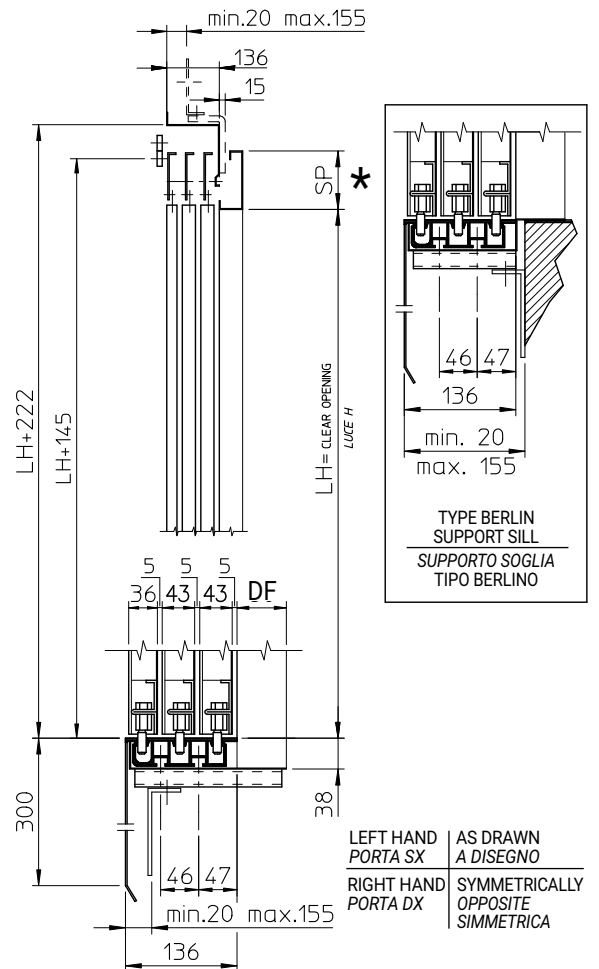
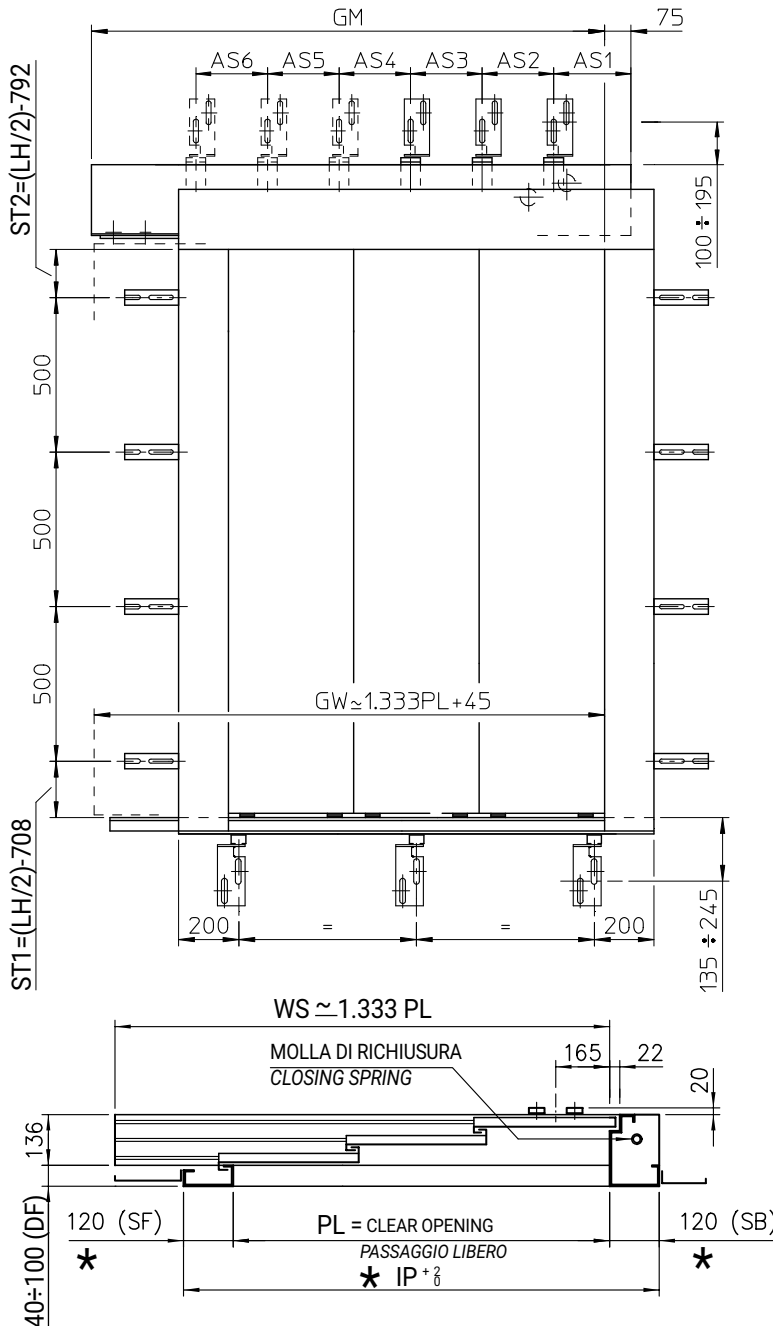
AUTOMATIC DOORS SERIES 3201-HYDRA

PORTE AUTOMATICHE SERIE 3201-HYDRA

Code/Codice TC.2.001983.EN
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Date/Data 22.06.2022
Page/Pagina 4.1.1

THREE PANELS CLASS "E" FIRE-RESISTANT TELESCOPIC LANDING DOOR,
TYPE 31/R-L C.O.=600÷2100 WITH DF=40÷59 OR TYPE 31/R-L C.O.=600÷2100 WITH DF≥60 AND SP<222

PORTA DI PIANO 3 ANTE TELESCOPICA RESISTENTE AL FUOCO CLASSE "E",
TIPO 31/R-L PL=600÷2100 CON DF=40÷59 O TIPO 31/R-L PL=600÷2100 CON DF≥60 E SP<222



NOTE: HEIGHT > 2200 SEE PAGE 1.4 FOR DIMENSIONS
OF SIDE BRACKETS

ATTENZIONE: PER LH > 2200 CONSULTARE LA PAGINA 1.4 PER LE
MISURE DEGLI STAFFAGGI LATERALI

DIMENSIONS ARE CHANGE-
ABLE ON REQUEST WITHIN
THE LIMITS CONSENTED BY
THE TESTINGS

LE QUOTE CON ASTERISCO
SONO VARIABILI A RICHI-
ESTA ENTRO I LIMITI CON-
SENTITI DAI COLLAUDI

IN CASE OF LH > 3100 THE
E120 CLASS DOORS MUST BE
EQUIPPED WITH INTUMESCENT
SEALS

IN CASO DI LH > 3100 LE POR-
TE CLASSE E120 DEVONO ES-
SERE FORNITE CON GUARNI-
ZIONE TERMOSPANDENTE

PL	GM	GW	WS	As1	As2	As3	As4	As5	As6	PL	GM	GW	WS	As1	As2	As3	As4	As5	As6
600	950	845	825			230				1400	1925	1300	1200						
650	1000	911	885		495	350	/			1450	1975	1400	1300			415	410	450	
700	1050	978	930		580	265				1500	2070	2045	2000		450	465	460	495	
750	1100	1045	1000			340				1550	2120	2111	2050			515	510	520	
800	1150	1111	1060				270			1600	2195	2178	2130						
850	1200	1178	1130		375					1650	2245	2245	2200						
900	1275	1245	1200			350	345			1700	2345	2311	2250						
950	1325	1311	1250		495		300	/	/	1750	2395	2378	2330		500	540	535	570	
1000	1375	1378	1330	115			375			1800	2475	2445	2400						
1050	1460	1445	1400			425	345			1850	2525	2511	2450			590	585	600	
1100	1510	1511	1450		525					1900	2575	2578	2530				595		
1150	1610	1578	1530			545				1950	2645	2645	2600		590				
1200	1660	1645	1600				375			2000	2745	2711	2650						
1250	1710	1711	1650		600	470	450			2050	2795	2778	2730		500	520	430	425	600
1300	1825	1778	1730			545	525			2100	2845	2845	2800				480	475	
1350	1875	1845	1800	155		390	385	/											

	DIMENSIONS DIMENSIONI	CLASS CLASSE
PL	600 ÷ 1800	E120 E90 E60 E30
LH	1900 ÷ 3500	
SP	50 ÷ 500	
SB	50 ÷ 750	
SF	50 ÷ 750	
DF	30 ÷ 100	

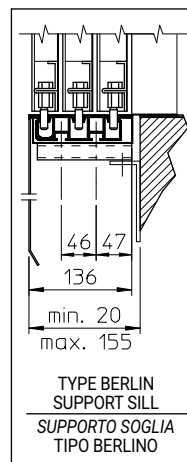
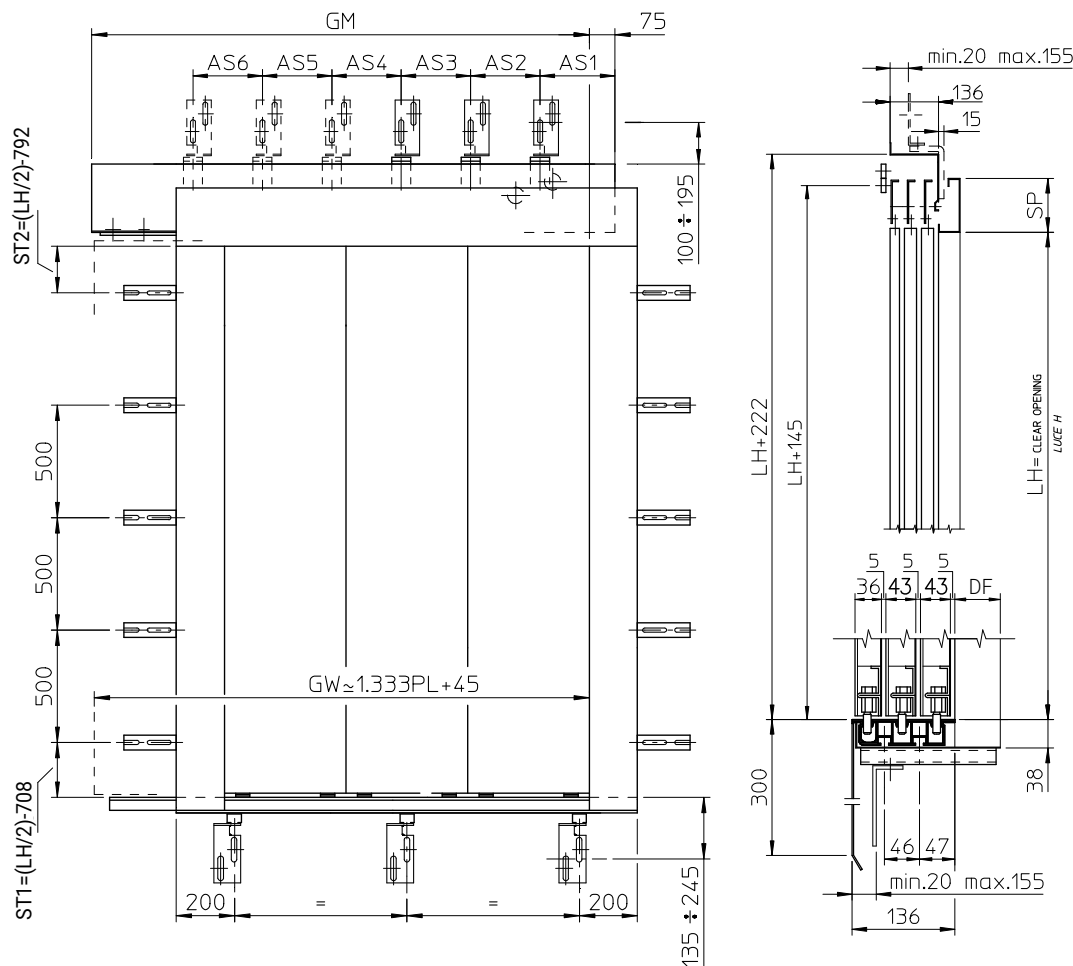
AUTOMATIC DOORS SERIES 3201-HYDRA

PORTE AUTOMATICHE SERIE 3201-HYDRA

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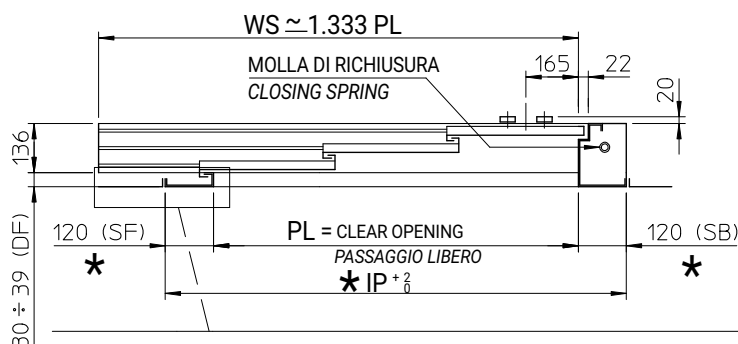
THREE PANELS CLASS "E" FIRE-RESISTANT TELESCOPIC LANDING DOOR, TYPE 31/R-L C.O.=600-2100 SP<222 WITH DF=30-39

PORTA DI PIANO 3 ANTE TELESCOPICA RESISTENTE AL FUOCO CLASSE "E", TIPO 31/R-L PL=600-2100 SP<222 CON DF=30-39



DIMENSIONS ARE CHANGEABLE ON REQUEST WITHIN THE LIMITS CONSENTED BY THE TESTINGS

* LE QUOTE CON ASTERISCO SONO VARIABILI A RICHIESTA ENTRO I LIMITI CONSENTITI DAI COLLAUDI



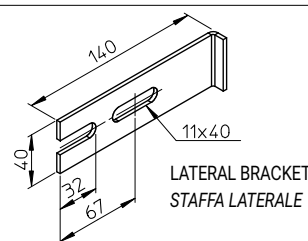
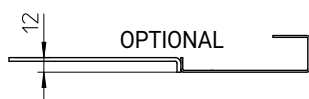
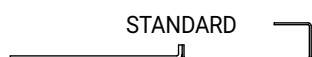
LEFT HAND PORTA SX AS DRAWN A DISEGNO
RIGHT HAND PORTA DX SYMMETRICALLY OPPOSITE SIMMETRICA

**

IN CASE OF LH > 3100 THE E120 CLASS DOORS MUST BE EQUIPPED WITH INTUMESCENT SEALS

** IN CASO DI LH > 3100 LE PORTE CLASSE E120 DEVONO ESSERE FORNITE CON GUARNIZIONE TERMOSPANDENTE

	DIMENSIONS DIMENSIONI	CLASS CLASSE
PL	600 ÷ 1800	E120 E90 E60 E30
LH	1900 ÷ 3500 **	
SP	50 ÷ 500	
SB	50 ÷ 750	
SF	50 ÷ 750	
DF	30 ÷ 100	



NOTE: SEE PAGE 4.1.1 FOR DIMENSIONS OF TOP BRACKETS

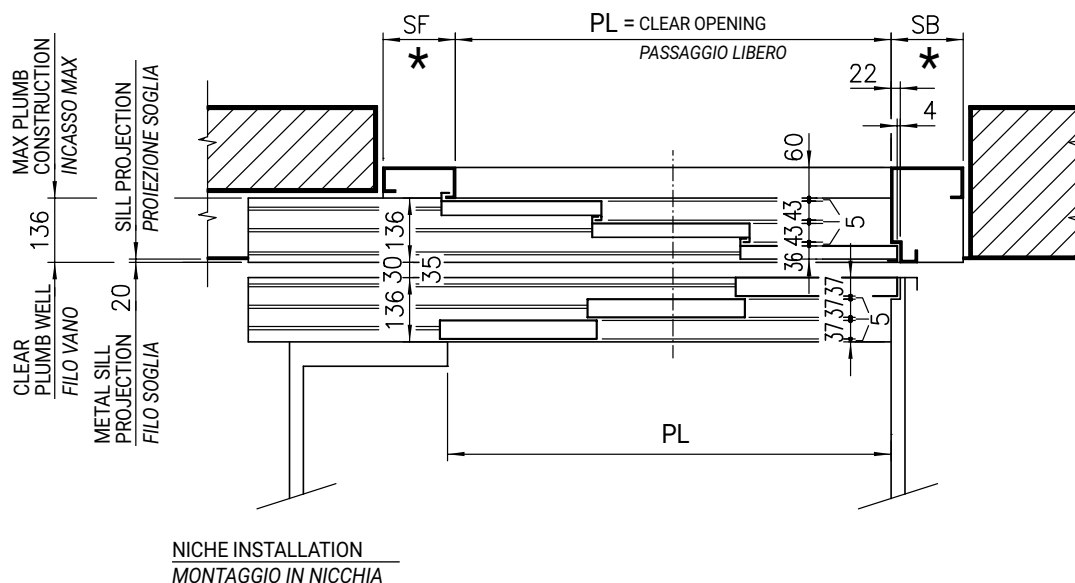
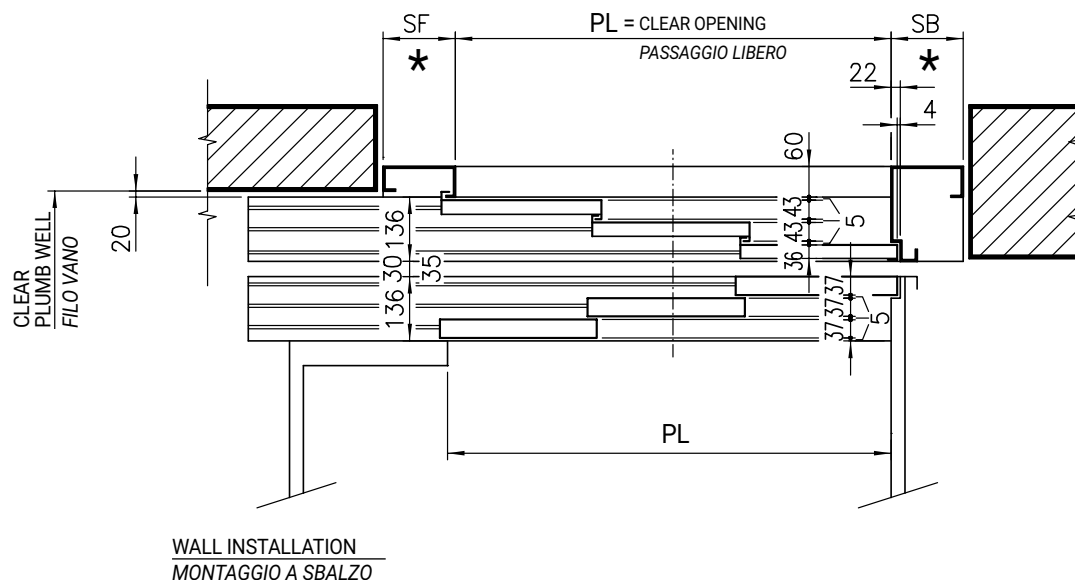
ATTENZIONE: CONSULTARE LA PAGINA 4.1.1 PER LE MISURE DEGLI STAFFAGGI SUPERIORI

AUTOMATIC DOORS SERIES 3201-HYDRA

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ARRANGEMENT FOR THREE PANELS CLASS "E" FIRE-RESISTANT TELESCOPIC LANDING DOOR, TYPE 31/R-L
ACCOPIAMENTO PER PORTA DI PIANO 3 ANTE TELESCOPICA RESISTENTE AL FUOCO CLASSE "E"



DIMENSIONS ARE CHANGEABLE
ON REQUEST WITHIN THE LIMITS
CONSENTED BY THE TESTINGS

* LE QUOTE CON ASTERISCO SONO
VARIABILI A RICHIESTA ENTRO I
LIMITI CONSENTITI DAI COLLAUDI

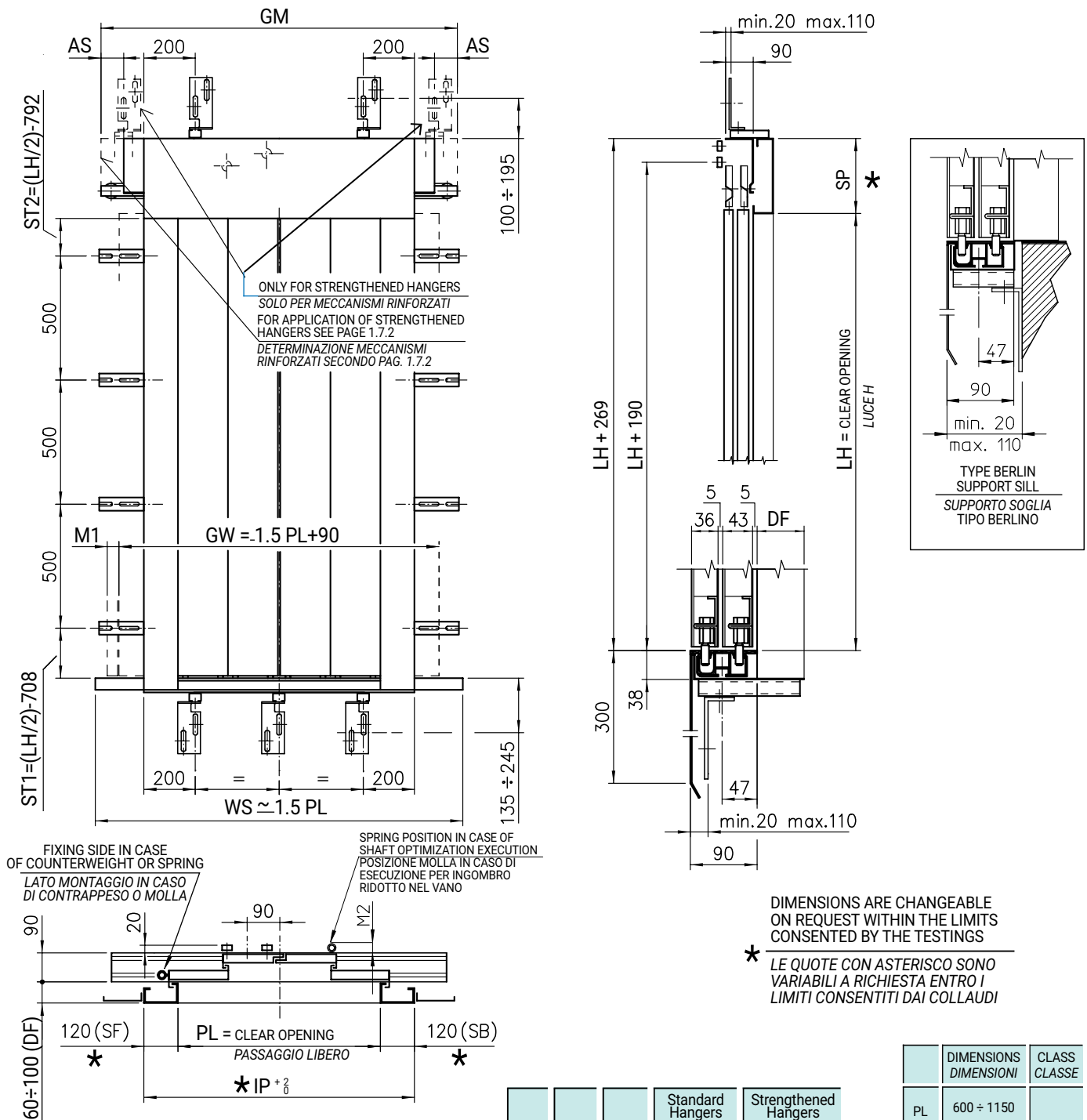
LEFT HAND PORTA SX	AS DRAWN A DISEGNO
RIGHT HAND PORTA DX	SYMMETRICALLY OPPOSITE SIMMETRICA

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PORTE AUTOMATICHE SERIE 3201-HYDRA

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FOUR PANELS CLASS "E" FIRE-RESISTANT CENTRE PARTING LANDING DOOR TYPE 43/R C.O.=600÷1150 WITH DF=60÷100 AND SP≥269
PORTA DI PIANO 4 ANTE OPPOSITE ESISTENTE AL FUOCO CLASSE "E", TIPO 43/R PL=600÷1150" CON DF=60÷100 E SP≥269



CO	Reclosing spring Molla di richiusura	Counterweight Contrappeso	Reclosing spring (Shaft Optimization) Molla di richiusura (Ingombro ridotto)
<800	M1 = 35, M2 = 0	M1 = 70, M2 = 0 (on request) (a richiesta)	M1 = 0, M2 = 20
800 - 900	/	M1 = 70, M2 = 0	
>900	/	M1 = 70, M2 = 0	M1 = 0, M2 = 20 (with MIDI drive) (con motorizz. MIDI)

PL	GW	WS	Standard Hangers		Strengthened Hangers	
			Meccanismi Standard		Meccanismi Rinforzati	
			GM	AS	GM	AS
600	990	1000	1050	/	1105	/
650	1065	1050	1105		1155	
700	1140	1100	1155		1205	
750	1215	1125	1205		1255	
800	1290	1200	1305		1355	
850	1365	1275	1355		1405	92
900	1440	1350	1455		1505	142
950	1515	1425	1500		1555	92
1000	1590	1500	1605		1655	142
1050	1665	1575	1655		1705	92
1100	1740	1650	1755	1805	142	
1150	1815	1725	1805	1855	92	

	DIMENSIONS DIMENSIONI	CLASS CLASSE
PL	600 ÷ 1150	
LH	1900 ÷ 2200	
SP	50 ÷ 500	E120 E90 E60 E30
SB	50 ÷ 750	
SF	50 ÷ 750	
DF	30 ÷ 100	

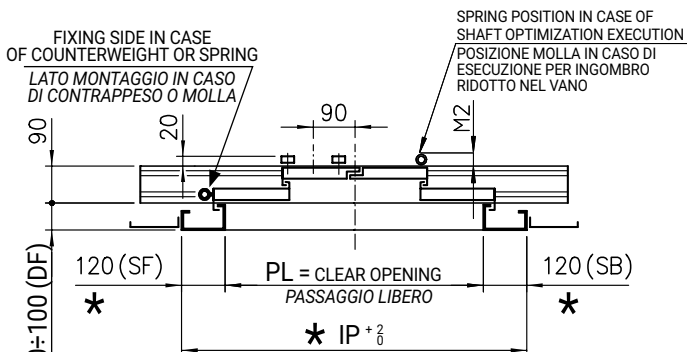
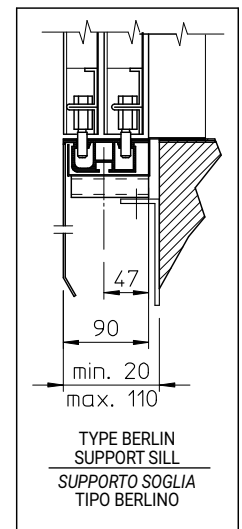
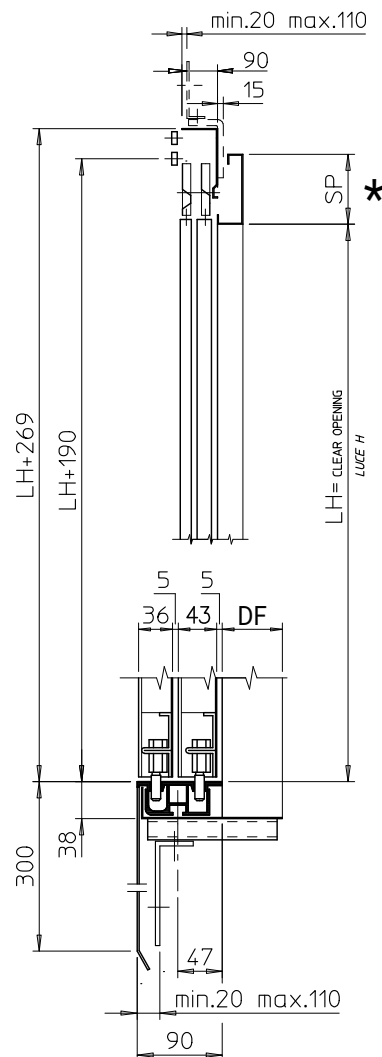
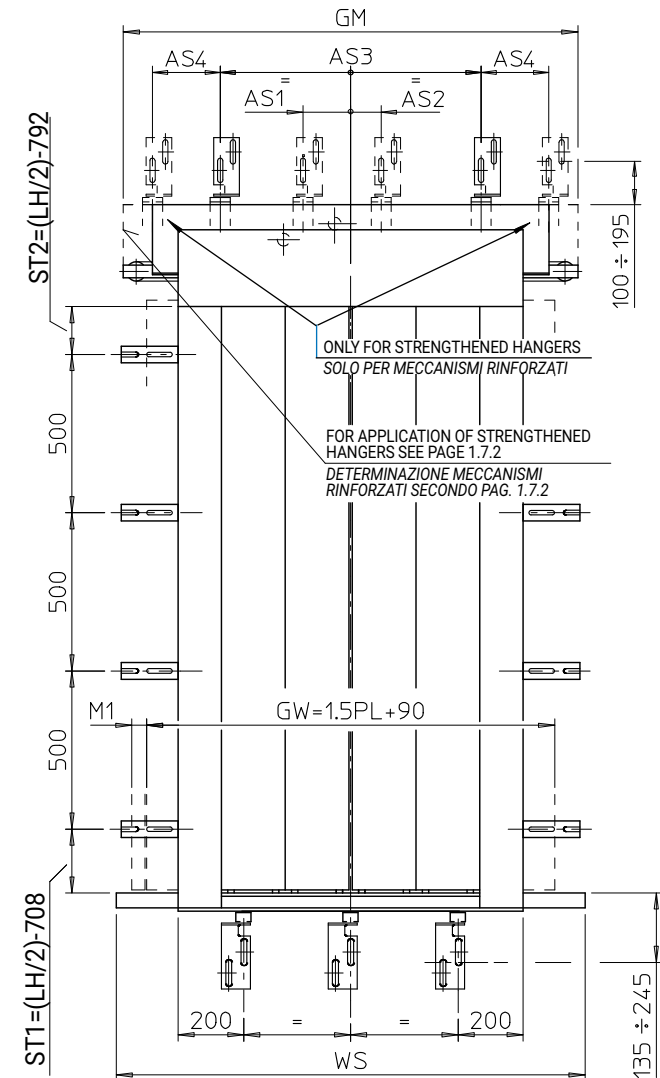
AUTOMATIC DOORS SERIES 3201-HYDRA

PORTE AUTOMATICHE SERIE 3201-HYDRA

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Date/Data 22.06.2022
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FOUR PANELS CLASS "E" FIRE-RESISTANT CENTRE PARTING LANDING DOOR,
TYPE 43/R C.O.=600÷1150 WITH DF=40÷59 OR TYPE 43/R C.O.=600÷1150 WITH DF≥60 AND SP<269

PORTA DI PIANO 4 ANTE OPPOSITE ESISTENTE AL FUOCO CLASSE "E",
TIPO 43/R PL=600÷1150 CON DF=40÷59 O TIPO 43/R PL=600÷1150 CON DF≥60 E SP<269



DIMENSIONS ARE CHANGEABLE
ON REQUEST WITHIN THE LIMITS
CONSENTED BY THE TESTINGS

* LE QUOTE CON ASTERISCO SONO
VARIABILI A RICHIESTA ENTRO I
LIMITI CONSENTITI DAI COLLAUDI

	DIMENSIONS DIMENSIONI	CLASS CLASSE
PL	600 ÷ 1150	E120 E90 E60 E30
LH	1900 ÷ 2200	
SP	50 ÷ 500	
SB	50 ÷ 750	
SF	50 ÷ 750	
DF	30 ÷ 100	

CO	Reclosing spring Molla di richiusura	Counterweight Contrappeso	Reclosing spring (Shaft Optimization) Molla di richiusura (Ingombro ridotto)
<800	M1 = 35, M2 = 0	M1 = 70, M2 = 0 (on request) (a richiesta)	M1 = 0, M2 = 20
800 - 900	/	M1 = 70, M2 = 0	
>900	/	M1 = 70, M2 = 0	M1=0, M2=20 (with MIDI drive) (con motoriz. MIDI)

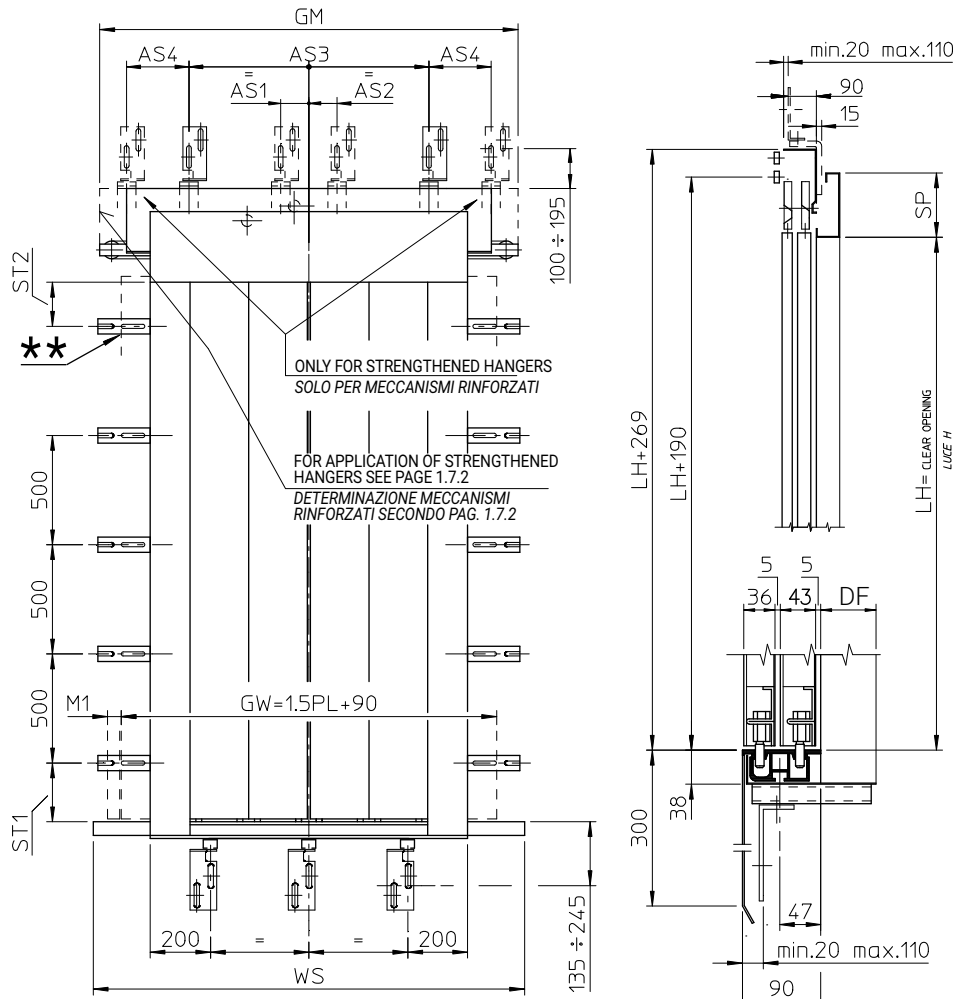
PL	GW	WS	As1	As2	As3	Standard Hangers Meccanismi Standard	Strengthened Hangers Meccanismi Rinforzati
						GM AS4	GM AS4
600	990	1000				1050	1105
650	1065	1050				1105	1155
700	1140	1100	235	235	/	1155	1205
750	1215	1125				1205	1255
800	1290	1200				1305	1355
850	1365	1275			770	1355	1405
900	1440	1350				1455	1505
950	1515	1425				1500	1555
1000	1590	1500	/	30	840	1605	1655
1050	1665	1575				1655	1705
1100	1740	1650				1755	1805
1150	1815	1725			920	1805	1855

AUTOMATIC DOORS SERIES 3201-HYDRA

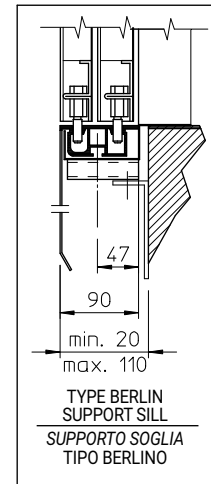
PORTE AUTOMATICHE SERIE 3201-HYDRA

Code/Codice TC.2.001983.EN
Version/Versione K
Date/Data 22.06.2022
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FOUR PANELS CLASS "E" FIRE-RESISTANT CENTRE PARTING LANDING DOOR TYPE 43/R C.O.=600÷1150 SP<269 WITH DF=30÷39
PORTA DI PIANO 4 ANTE OPPOSITE ESISTENTE AL FUOCO CLASSE "E", TIPO 43/R PL=600÷1150 SP<269 CON DF=30÷39



NOTE: SEE PAGE 5.1.1 FOR DIMENSIONS OF TOP BRACKETS
ATTENZIONE: CONSULTARE LA PAGINA 5.1.1 PER LE MISURE DEGLI STAFFAGGI SUPERIORI



DIMENSIONS ARE CHANGEABLE ON REQUEST WITHIN THE LIMITS CONSENTED BY THE TESTINGS

* LE QUOTE CON ASTERISCO SONO VARIABILI A RICHIESTA ENTRO I LIMITI CONSENTITI DAI COLLAUDI

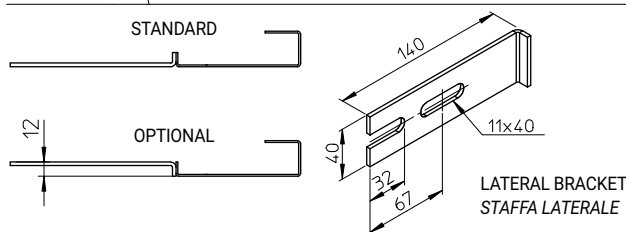
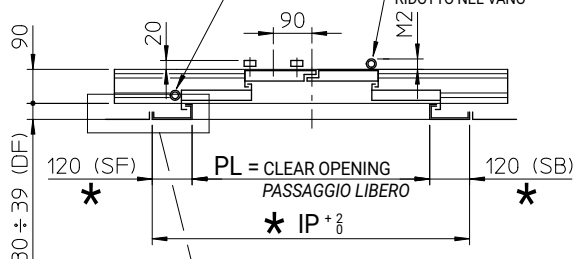
** ONLY FOR LH > 2200
SOLO PER LH > 2200

FIXING SIDE IN CASE OF COUNTERWEIGHT OR SPRING

LATO MONTAGGIO IN CASO DI CONTRAPPESO O MOLLA

SPRING POSITION IN CASE OF SHAFT OPTIMIZATION EXECUTION

POSIZIONE MOLLA IN CASO DI ESECUZIONE PER INGOMBRO RIDOTTO NEL VANO



NOTE: SEE PAGE 4.1.2 FOR DIMENSIONS OF TOP BRACKETS
ATTENZIONE: CONSULTARE LA PAGINA 4.1.2 PER LE MISURE DEGLI STAFFAGGI SUPERIORI

CO	Reclosing spring Molla di richiusura	Cuonterweight Contrappeso	Reclosing spring (Shaft Optimization) Molla di richiusura (Ingombro ridotto)
<800	M1 = 35, M2 = 0	M1 = 70, M2 = 0 (on request) (a richiesta)	M1 = 0, M2 = 20
800 - 900	/	M1 = 70, M2 = 0	
>900	/	M1 = 70, M2 = 0	M1=0, M2=20 (with MIDI drive) (con motoriz. MIDI)

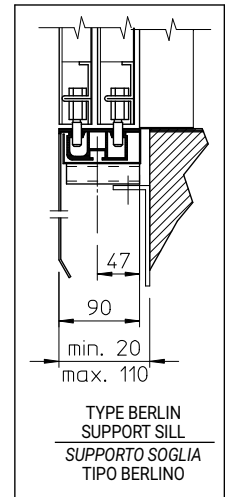
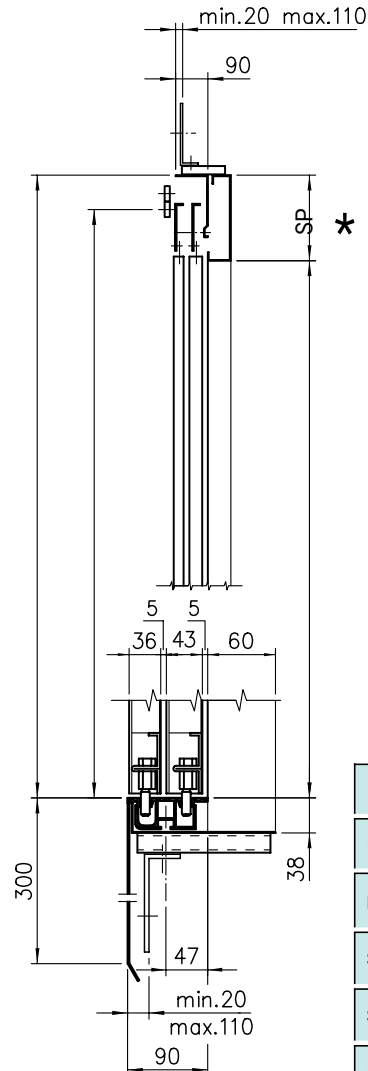
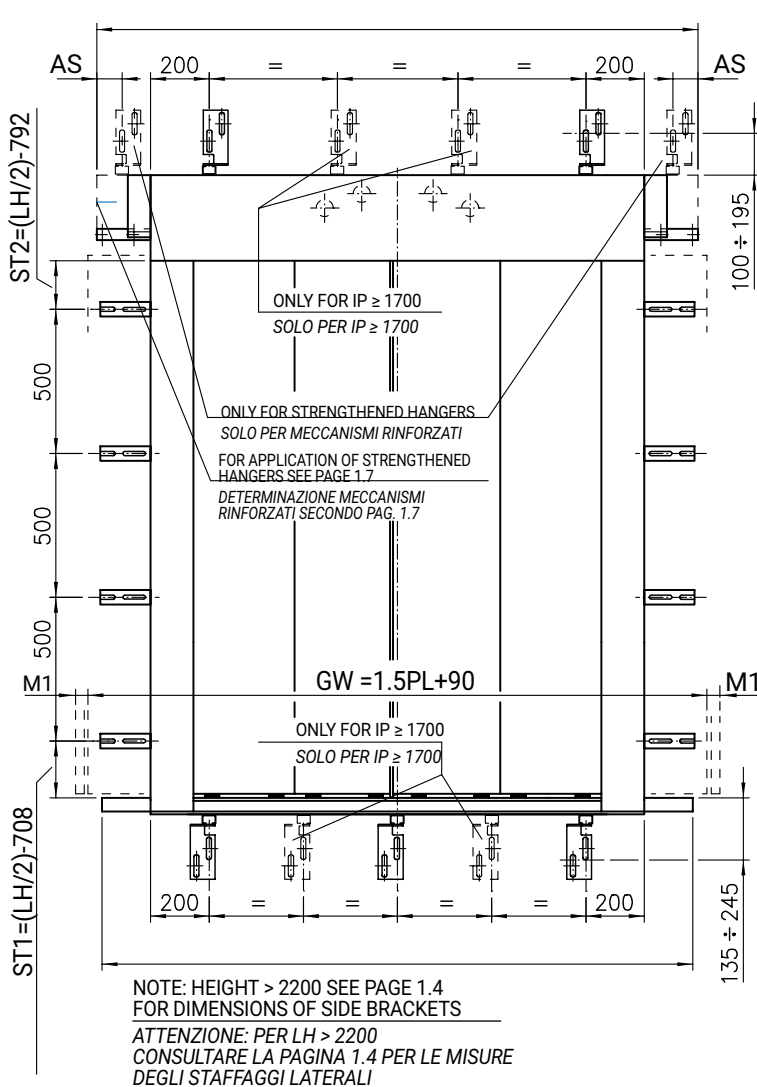
	DIMENSIONS DIMENSIONI	CLASS CLASSE	PL	GW	WS
PL	600 ÷ 1150	E120 E90 E60 E30	600	990	1000
LH	1900 ÷ 2200		650	1065	1050
SP	50 ÷ 500		700	1140	1100
SB	50 ÷ 750		750	1215	1125
SF	50 ÷ 750		800	1290	1200
DF	30 ÷ 100		850	1365	1275
			900	1440	1350
			950	1515	1425
			1000	1590	1500
			1050	1665	1575
			1100	1740	1650
			1150	1815	1725

AUTOMATIC DOORS SERIES 3201-HYDRA

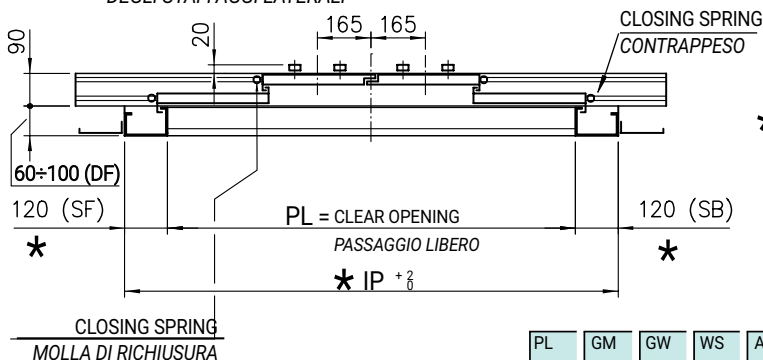
PORTE AUTOMATICHE SERIE 3201-HYDRA

Code/Codice TC.2.001983.EN
Version/Versione K
Date/Data 22.06.2022
Page/Pagina 5.1.3

FOUR PANELS CLASS "E" FIRE-RESISTANT CENTRE PARTING LANDING DOOR, TYPE 41/C PL=1200÷3200 WITH DF=60÷100 AND SP≥222
PORTA DI PIANO 4 ANTE OPPOSTE ESISTENTE AL FUOCO CLASSE "E", TIPO 41/C PL=1200÷3200 CON DF=60÷100 E SP≥222



	DIMENSIONS DIMENSIONI	CLASS CLASSE
PL	1200 ÷ 3200 **	E120 E90 E60 E30
LH	1900 ÷ 3500 **	
SP	50 ÷ 500	
SB	50 ÷ 750	
DF	30 ÷ 100	



** IN CASE OF LH > 3100 AND/OR PL > 2800 THE E120 CLASS DOORS MUST BE EQUIPED WITH INTUMESCENT SEALS
** IN CASO DI LH > 3100 E/O PL > 2800 LE PORTE CLASSE E120 DEVONO ESSERE FORNITE CON GUARNIZIONE TERMOESPANDENTE

M1	35	WITH CLOSING SPRING CON MOLLA DI RICHIUSURA
	70	WITH COUNTERWEIGHT CON CONTRAPPESO

DIMENSIONS ARE CHANGEABLE ON REQUEST WITHIN THE LIMITS CONSENTED BY THE TESTINGS

* LE QUOTE CON ASTERISCO SONO VARIABILI A RICHIESTA ENTRO I LIMITI CONSENTITI DAI COLLAUDI

PL	GM	GW	WS	As	PL	GM	GW	WS	As	PL	GM	GW	WS	As
1200	1950	1890	1800	140	1900	2950	2940	2850	220	2600	3990	3990	3900	60
1250	2000	1965	1875	165	1950	3000	3015	2925	245	2650	4140	4065	3975	135
1300	2050	2040	1950	190	2000	3140	3090	3000	115	2700	4190	4140	4050	100
1350	2100	2115	2025	215	2050	3190	3165	3075	140	2750	4240	4215	4125	125
1400	2220	2190	2100	55	2100	3240	3240	3150	165	2800	4290	4290	4200	150
1450	2270	2265	2175	80	2150	3340	3315	3225	215	2850	4440	4365	4275	120
1500	2420	2340	2250	155	2200	3390	3390	3300		2900	4490	4440	4350	145
1550	2470	2415	2325	180	2250	3540	3465	3375	290	2950	4540	4515	4425	170
1600	2520	2490	2400	205	2300	3590	3540	3450	115	3000	4590	4590	4500	120
1650	2570	2565	2475	230	2350	3640	3615	3525	140	3050	4740	4665	4575	195
1700	2620	2640	2550	55	2400	3750	3690	3600	170	3100	4790	4740	4650	120
1750	2740	2715	2625	115	2450	3800	3765	3675	195	3150	4840	4815	4725	145
1800	2850	2790	2700	170	2500	3850	3840	3750	220	3200	4890	4890	4800	120
1850	2900	2865	2775	195	2550	3900	3915	3825	245					

AUTOMATIC DOORS SERIES 3201-HYDRA

PORTE AUTOMATICHE SERIE 3201-HYDRA

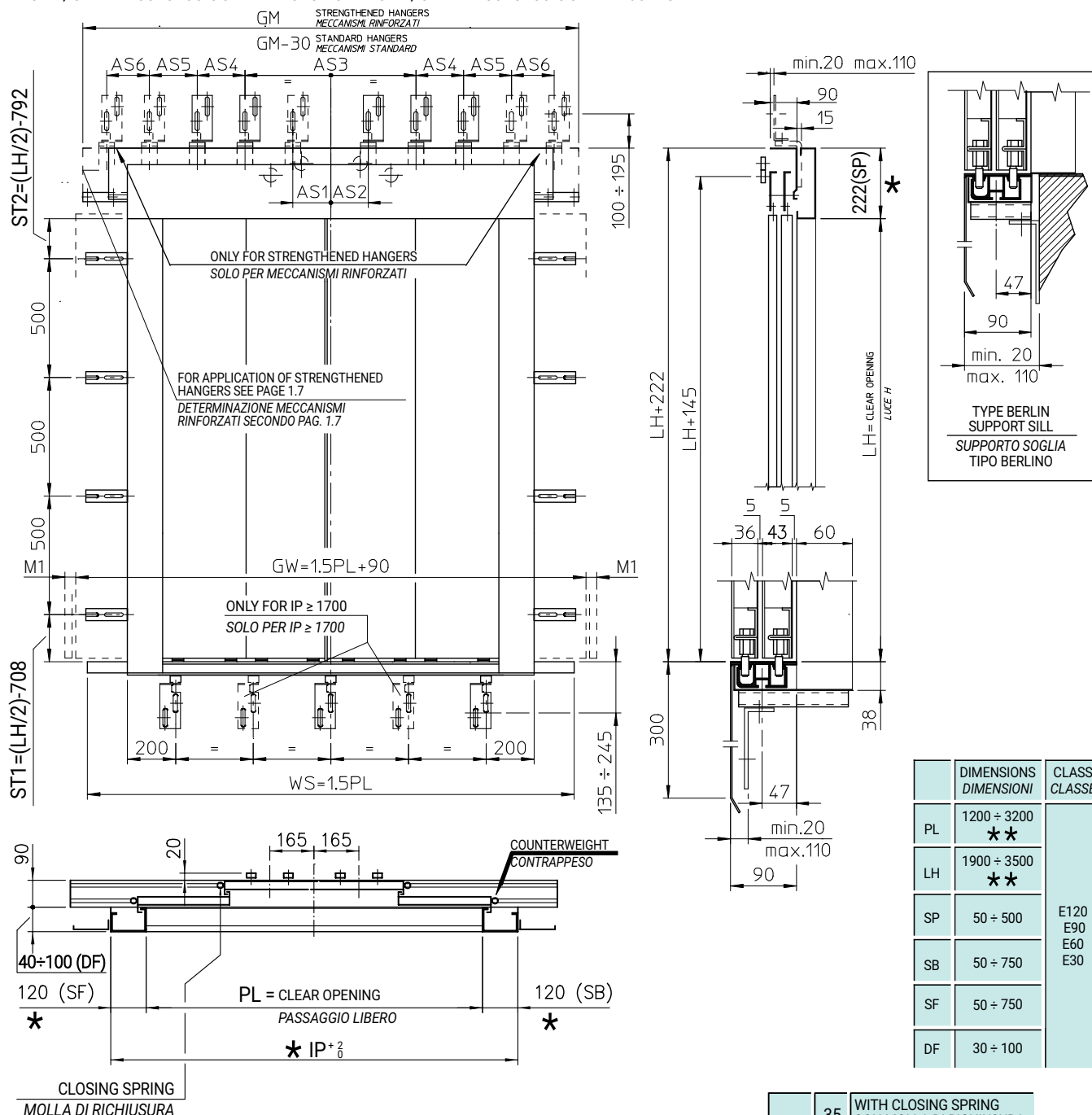
Code/Codice TC.2.001983.EN
Version/Versione K
Date/Data 22.06.2022
Page/Pagina 5.1.4

FOUR PANELS CLASS "E" FIRE-RESISTANT CENTRE PARTING LANDING DOOR, TYPE 41/C C.O.=1200÷3200

SP<222 TYPE 41/C C.O.=1200÷3200 WITH DF=40÷59 OR TYPE 41/C C.O.=1200÷3200 WITH DF≥60 AND SP<222

PORTA DI PIANO 4 ANTE OPPOSTE ESISTENTE AL FUOCO CLASSE "E", TIPO 41/C PL=1200÷3200 SP<222

TIPO 41/C PL=1200÷3200 CON DF=40÷59 O TIPO 41/C PL=1200÷3200 CON DF≥60 E SP<222



M1	35	WITH CLOSING SPRING CON MOLLA DI RICHIUSURA
	70	WITH COUNTERWEIGHT CON CONTRAPPESO

DIMENSIONS ARE CHANGEABLE
ON REQUEST WITHIN THE LIMITS
CONSENTED BY THE TESTINGS

* LE QUOTE CON ASTERISCO SONO
VARIABILI A RICHIESTA ENTRO I
LIMITI CONSENTITI DAI COLLAUDI

IN CASE OF LH > 3100 AND/OR
PL > 2800 THE E120 CLASS DOORS
MUST BE EQUIPPED WITH INTU-
MESCENT SEALS

** IN CASO DI LH > 3100 E/O PL > 2800
LE PORTE CLASSE E120 DEVONO
ESSERE FORNITE CON GUARNI-
ZIONE TERMOSPANDENTE

NOTE: HEIGHT > 2200 SEE PAGE 1.4
FOR DIMENSIONS OF SIDE BRACKETS
ATTENZIONE: PER LH > 2200
CONSULTARE LA PAGINA 1.4 PER LE MISURE
DEGLI STAFFAGGI LATERALI

NOTE: SEE PAGE 5.1.5 FOR DIMENSIONS OF TOP BRACKETS

ATTENZIONE: CONSULTARE LA PAGINA 5.1.5 PER LE MISURE DEGLI STAFFAGGI SUPERIORI

Subject to change without notice!

Soggetto a modifica senza preavviso!



AUTOMATIC DOORS SERIES 3201-HYDRA PORTE AUTOMATICHE SERIE 3201-HYDRA

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 Version/Versione J
 Date/Data 08.03.2021
 Page/Pagina 5.1.5

FOUR PANELS CLASS "E" FIRE-RESISTANT CENTRE PARTING LANDING DOOR, TYPE 41/C PL=1200÷3200
 PORTA DI PIANO 4 ANTE OPPOSTE RESISTENTE AL FUOCO CLASSE "E", TIPO 41/C PL=1200÷3200

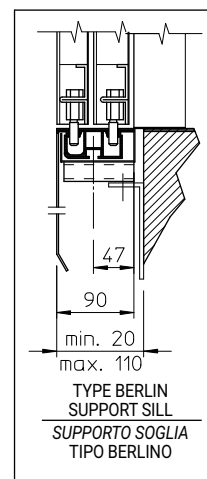
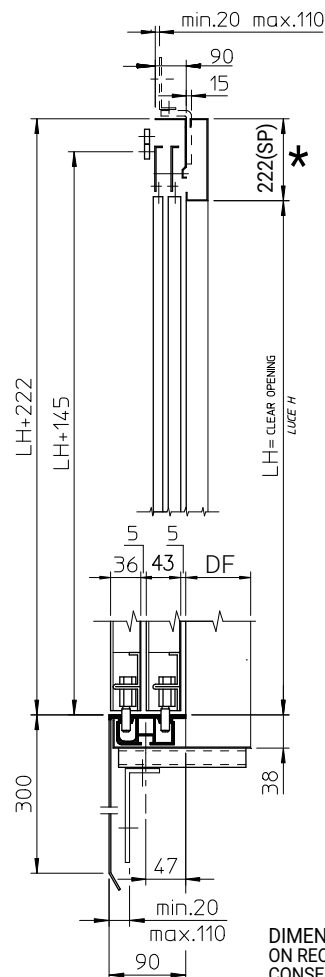
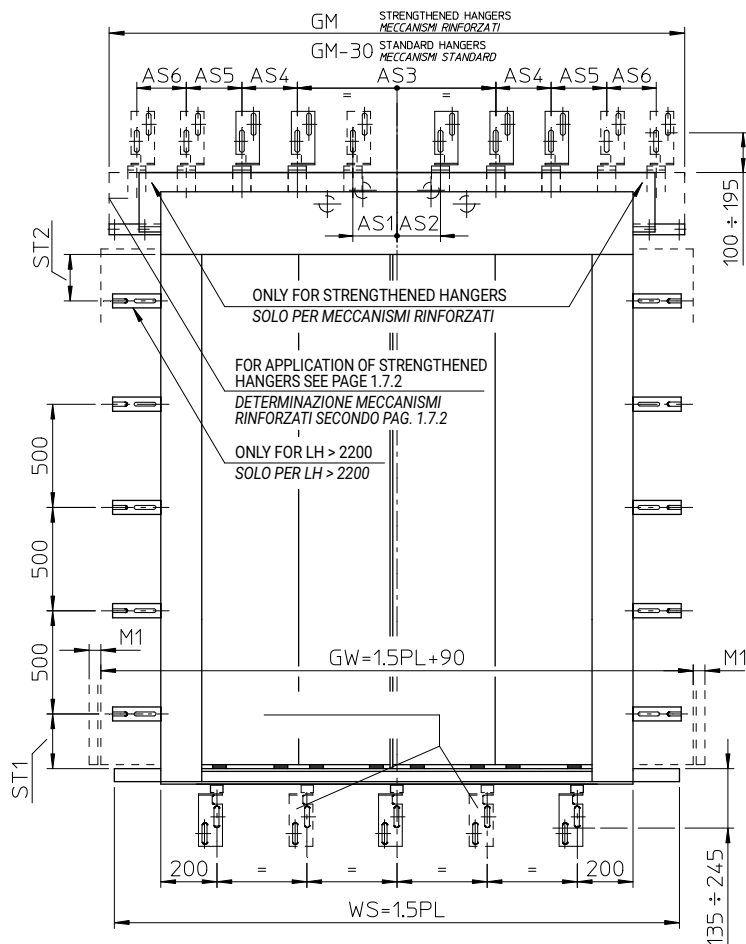
PL	Standard Hangers Meccanismi Standard					Strengthened Hangers Meccanismi Rinforzati						GM	GW	WS
	As1	As2	As3	As4	As5	As1	As2	As3	As4	As5	As6			
1200												1950	1890	1800
1250												2000	1965	1875
1300			1070	300				1090	290			2050	2040	1950
1350	/	30				235	330					2100	2115	2025
1400				225								2220	2190	2100
1450			770					1310	400			2270	2265	2175
1500												2420	2340	2250
1550												2470	2415	2325
1600				300	/				300	/		2520	2490	2400
1650			1510					1510				2570	2565	2475
1700									500			2620	2640	2550
1750												2740	2715	2625
1800												2850	2790	2700
1850			1670	420				1670	420		/	2900	2865	2775
1900												2950	2940	2850
1950												3000	3015	2925
2000												3140	3090	3000
2050			1210	350	300			1210	350	500		3190	3165	3075
2100												3240	3240	3150
2150												3340	3315	3225
2200	255	255						1310	400	425		3390	3390	3300
2250			1310	400	425							3540	3465	3375
2300								1360	425	475		3590	3540	3450
2350												3640	3615	3525
2400						255	255					3750	3690	3600
2450			1410	450	550			1410	450	550		3800	3765	3675
2500												3850	3840	3750
2550												3900	3915	3825
2600												3990	3990	3900
2650								1450	470			4140	4065	3975
2700			1510	500	450					370		4190	4140	4050
2750								1510	500			4240	4215	4125
2800											370	4290	4290	4200
2850												4440	4365	4275
2900								1610	550			4490	4440	4350
2950										375		4540	4515	4425
3000	/	/	/	/	/							4590	4590	4500
3050												4740	4665	4575
3100								1690	585			4790	4740	4650
3150										425	420	4840	4815	4725
3200								1710	600	475	435	4890	4890	4800

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Page/Pagina 5.1.6

FOUR PANELS CLASS "E" FIRE-RESISTANT CENTRE PARTING LANDING DOOR, TYPE 41/C PL=1200÷3200 SP<222 WITH DF=30÷39
PORTA DI PIANO 4 ANTE OPPOSTE RESISTENTE AL FUOCO CLASSE "E", TIPO 41/C PL=1200÷3200 SP<222 CON DF=30÷39



	DIMENSIONS DIMENSIONI	CLASS CLASSE
PL	1200 ÷ 3200 **	E120 E90 E60 E30
LH	1900 ÷ 3500 **	
SP	50 ÷ 500	
SB	50 ÷ 750	
SF	50 ÷ 750	
DF	30 ÷ 100	

DIMENSIONS ARE CHANGEABLE ON REQUEST WITHIN THE LIMITS CONSENTED BY THE TESTINGS

* LE QUOTE CON ASTERISCO SONO VARIABILI A RICHIESTA ENTRO I LIMITI CONSENTITI DAI COLLAUDI

M1	35	WITH CLOSING SPRING (CO>=1100) CON MOLLA DI RICHIUSURA (CO>=1100)
	70	WITH COUNTERWEIGHT CON CONTRAPPESSO

NOTE: HEIGHT > 2200 SEE PAGE 1.4
FOR DIMENSIONS OF SIDE BRACKETS

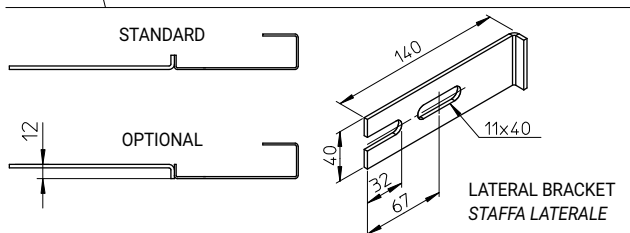
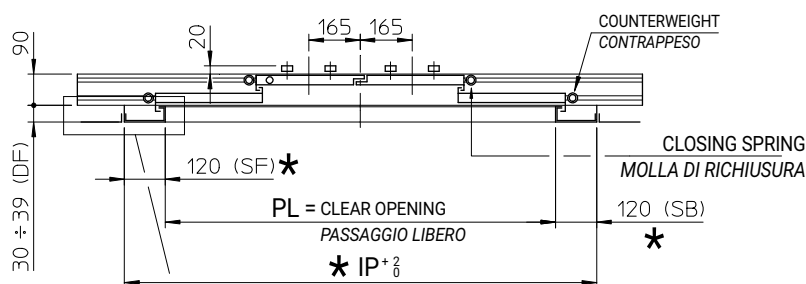
ATTENZIONE: PER LH > 2200
CONSULTARE LA PAGINA 1.4 PER LE MISURE
DEGLI STAFFAGGI LATERALI

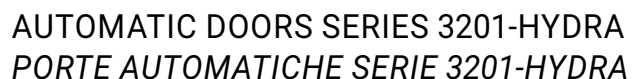
IN CASE OF LH > 3100 AND/OR PL > 2800 THE E120 CLASS
DOORS MUST BE EQUIPED WITH INTUMESCENT SEALS

** IN CASO DI LH > 3100 E/O PL > 2800 LE PORTE CLASSE E120
DEVONO ESSERE FORNITE CON GUARNIZIONE
TERMOESPANDENTE

NOTE: SEE PAGE 5.1.5 FOR DIMENSIONS OF TOP
BRACKETS

ATTENZIONE: CONSULTARE LA PAGINA 5.1.5 PER
LE MISURE DEGLI STAFFAGGI SUPERIORI





SHAFT WALL FOR FOUR PANELS CLASS "E" FIRE-RESISTANT CENTRAL OPENING DOOR, TYPE 43/R 41/C
VANO MURATURA PER PORTA 4 ANTE OPPOSTE RESISTENTE AL FUOCO CLASSE "E", TIPO 43/R 41/C

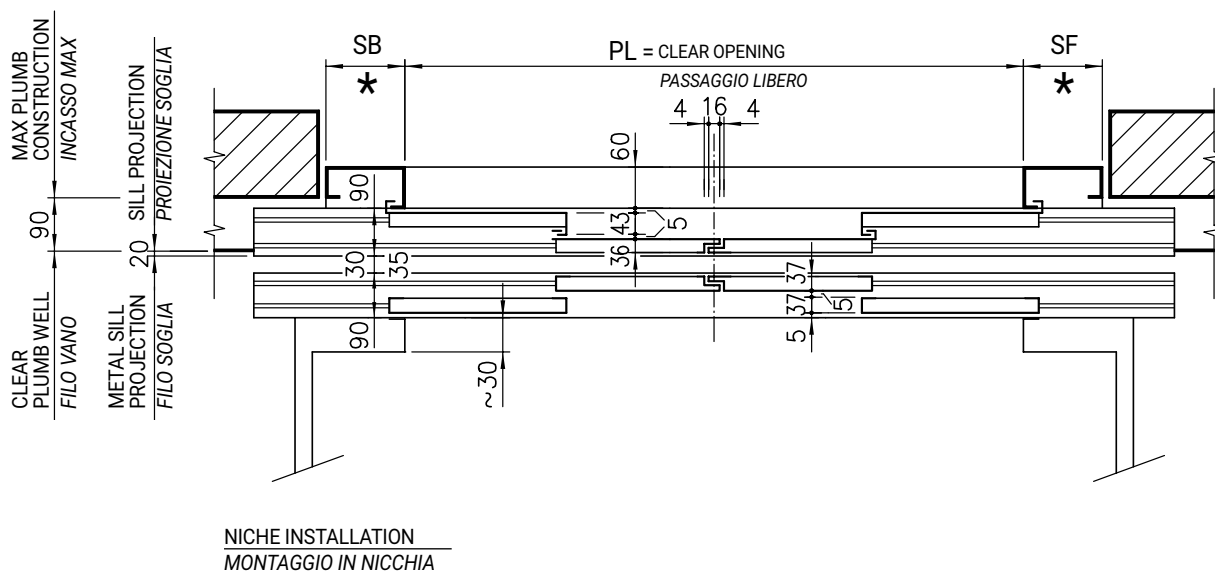
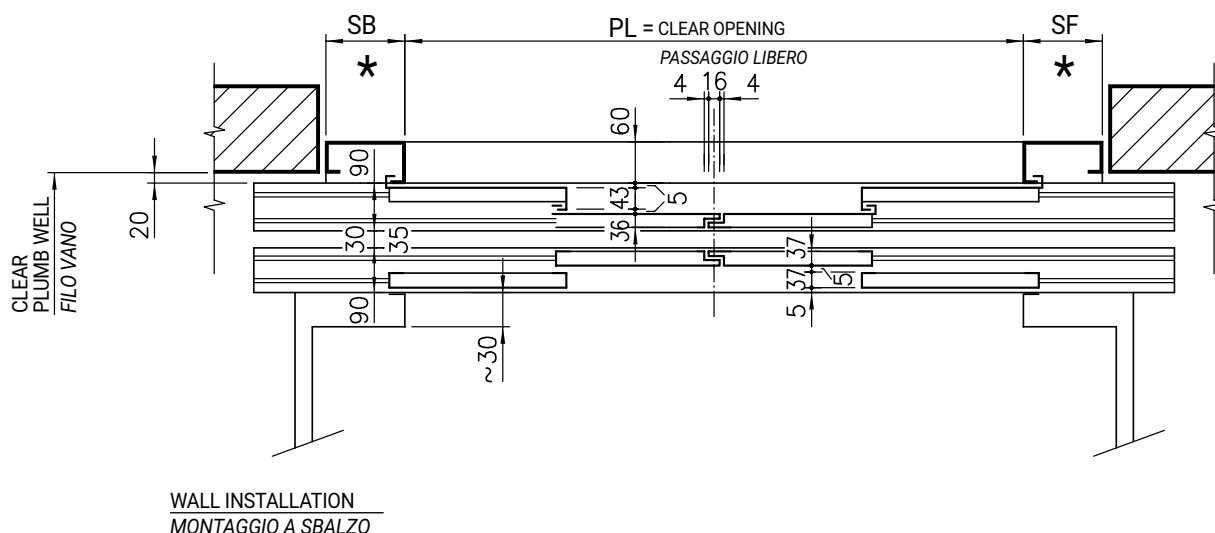
*** LE QUOTE CON ASTERISCO SONO
VARIABILI A RICHIESTA ENTRO I
LIMITI CONSENTITI DAI COLLAUDI**

AUTOMATIC DOORS SERIES 3201-HYDRA

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ARRANGEMENT FOR FOUR PANELS CLASS "E" FIRE-RESISTANT CENTRE PARTING LANDING DOOR, TYPE 41-42/C 43-44/R
ACCOPIAMENTO PER PORTA DI PIANO 4 ANTE OPPOSITE RESISTENTI AL FUOCO CLASSE "E"



DIMENSIONS ARE CHANGEABLE
ON REQUEST WITHIN THE LIMITS
CONSENTED BY THE TESTINGS

*

LE QUOTE CON ASTERISCO SONO
VARIABILI A RICHIESTA ENTRO I
LIMITI CONSENTITI DAI COLLAUDI

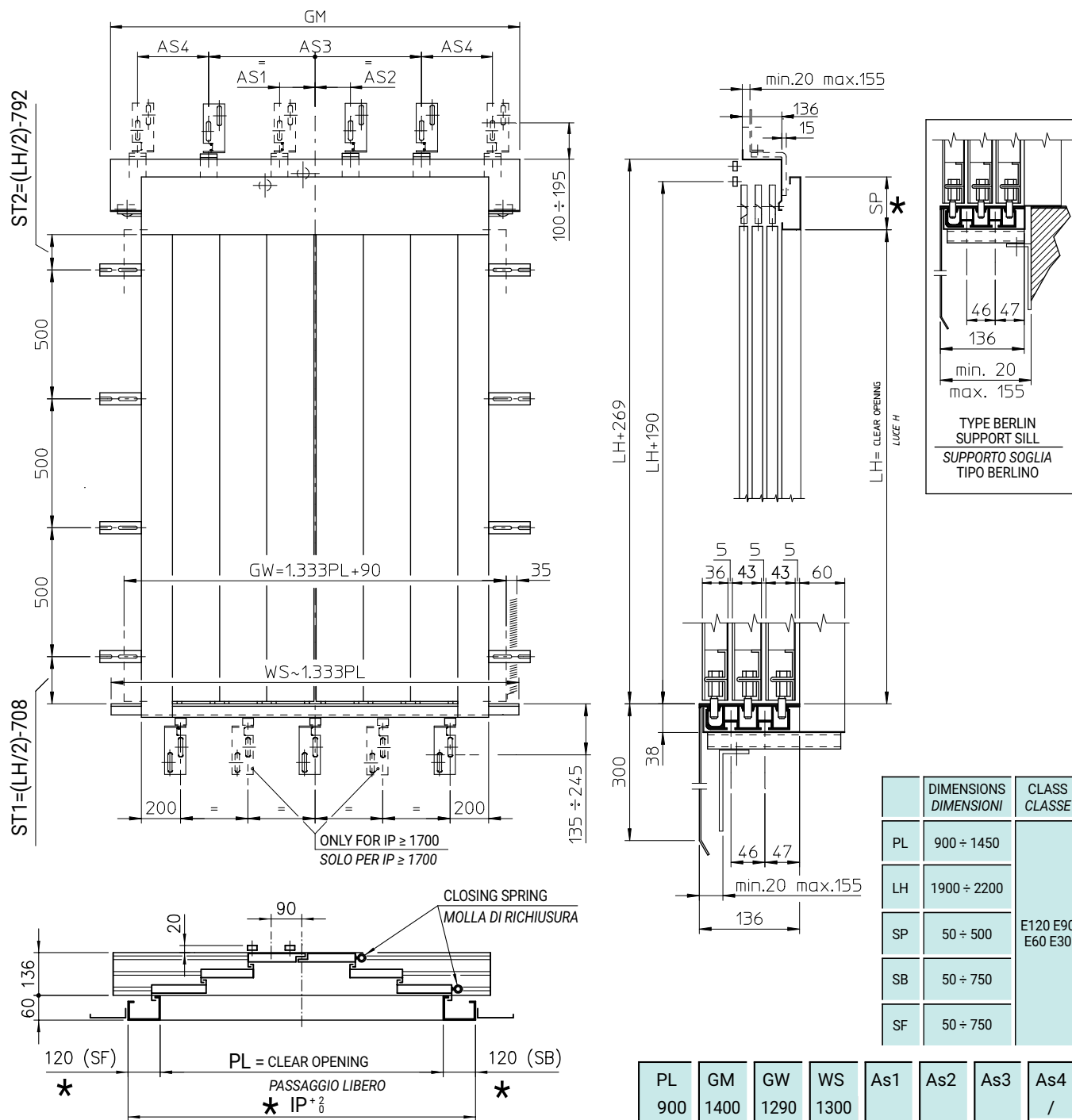
AUTOMATIC DOORS SERIES 3201-HYDRA

PORTE AUTOMATICHE SERIE 3201-HYDRA

Code/Codice TC.2.001983.EN
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Date/Data 22.06.2022
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SIX PANELS CLASS "E" FIRE-RESISTANT CENTRE PARTING LANDING DOOR, TYPE 65/R PL=900-1450 SP<269

PORTA DI PIANO 6 ANTE OPPOSTE ESISTENTE AL FUOCO CLASSE "E", TIPO 65/R PL=900-1450 SP<269



DIMENSIONS ARE CHANGEABLE
ON REQUEST WITHIN THE LIMITS
CONSENTED BY THE TESTINGS

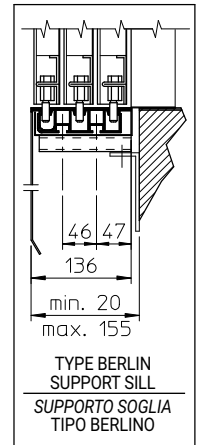
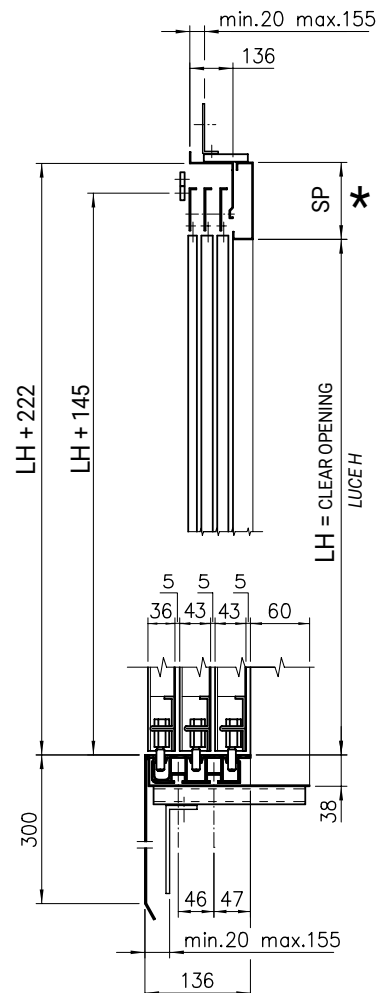
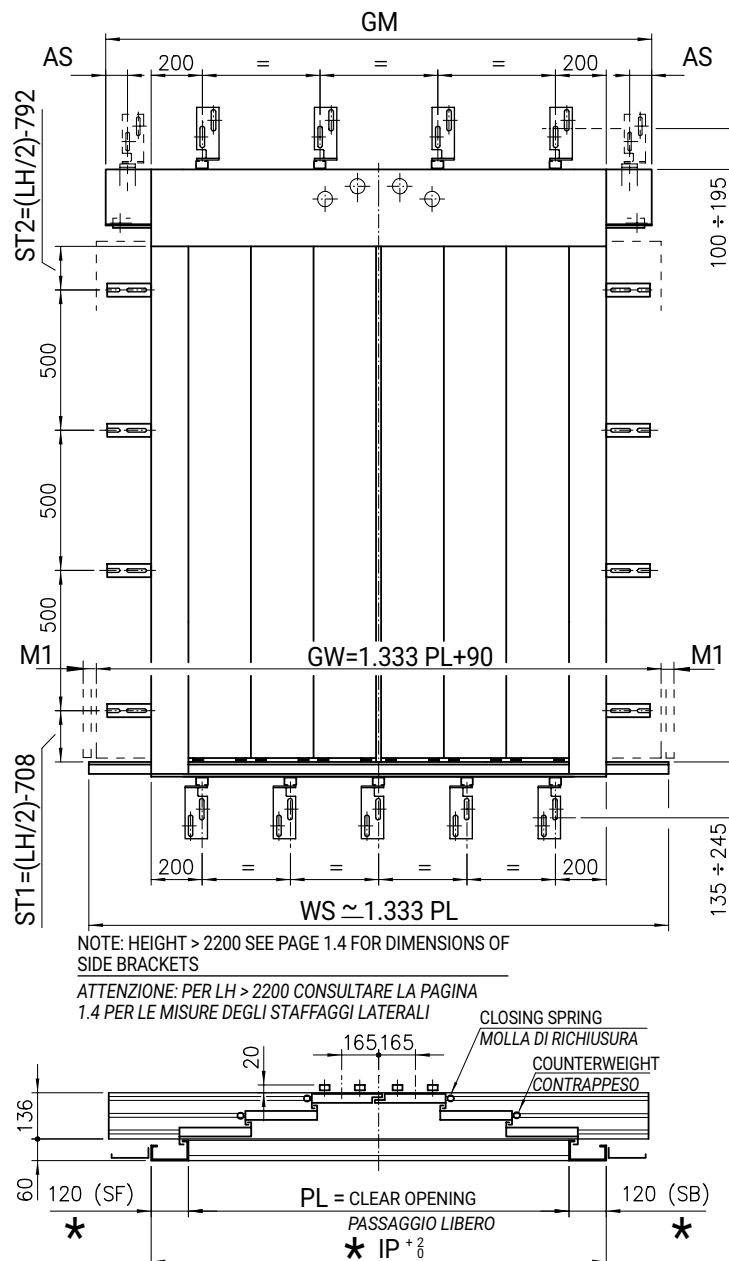
* LE QUOTE CON ASTERISCO SONO
VARIABILI A RICHIESTA ENTRO I
LIMITI CONSENTITI DAI COLLAUDI

AUTOMATIC DOORS SERIES 3201-HYDRA
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Date/Data	22.06.2022
Page/Pagina	6.1.2

SIX PANELS CLASS "E" FIRE-RESISTANT CENTRE PARTING LANDING DOOR, TYPE 61/C PL=1500÷3200 SP≥222

PORTA DI PIANO 6 ANTE OPPOSITE ESISTENTE AL FUOCO CLASSE "E", TIPO 61/C PL=1500÷3200 SP≥222



IN CASE OF LH > 3100 AND/OR
PL > 2800 THE E120 CLASS DOORS
MUST BE EQUIPED WITH INTU-
MESCENT SEALS

IN CASO DI LH > 3100 E/O PL > 2800
LE PORTE CLASSE E120 DEVONO
ESSERE FORNITE CON GUARNI-
ZIONE TERMOESPANDENTE

DIMENSIONS ARE CHANGEABLE ON REQUEST WITHIN THE LIMITS CONSENTED BY THE TESTINGS

* LE QUOTE CON ASTERISCO SONO VARIABILI A RICHIESTA ENTRO I LIMITI CONSENTITI DAI COLLAUDI

PL	GM	WS	GW	AS	PL	GM	WS	GW	AS
1500	2200	2000	2090	120	2400	3320	3200	3290	120
1550	2250	2050	2156	145	2450	3370	3250	3356	145
1600	2300	2130	2222	120	2500	3420	3330	3422	120
1650	2350	2200	2290	145	2550	3470	3400	3490	145
1700	2400	2250	2356	120	2600	3520	3450	3556	120
1750	2450	2330	2422	145	2650	3570	3530	3622	145
1800	2500	2400	2490	120	2700	3620	3600	3690	120
1850	2600	2450	2556	145	2750	3680	3650	3756	145
1900	2650	2530	2622	120	2800	3730	3730	3822	120
1950	2700	2600	2690	145	2850	3800	3800	3890	145
2000	2750	2650	2756	120	2900	3850	3850	3956	120
2050	2870	2730	2822	180	2950	4090	3930	4022	190
2100	2920	2800	2890	155	3000	4140	4000	4090	120
2150	2970	2850	2956	180	3050	4190	4050	4156	145
2200	3020	2930	3022	155	3100	4240	4130	4222	120
2250	3070	3000	3090	180	3150	4290	4200	4290	145
2300	3220	3050	3156	120	3200	4390	4250	4356	120
2350	3270	3130	3222	145					

	DIMENSIONS <i>DIMENSIONI</i>	CLASS <i>CLASSE</i>
PL	1500 ÷ 3200 **	E120 E90 E60 E30
LH	1900 ÷ 3500 **	
SP	50 ÷ 500	
SB	50 ÷ 750	
SF	50 ÷ 750	

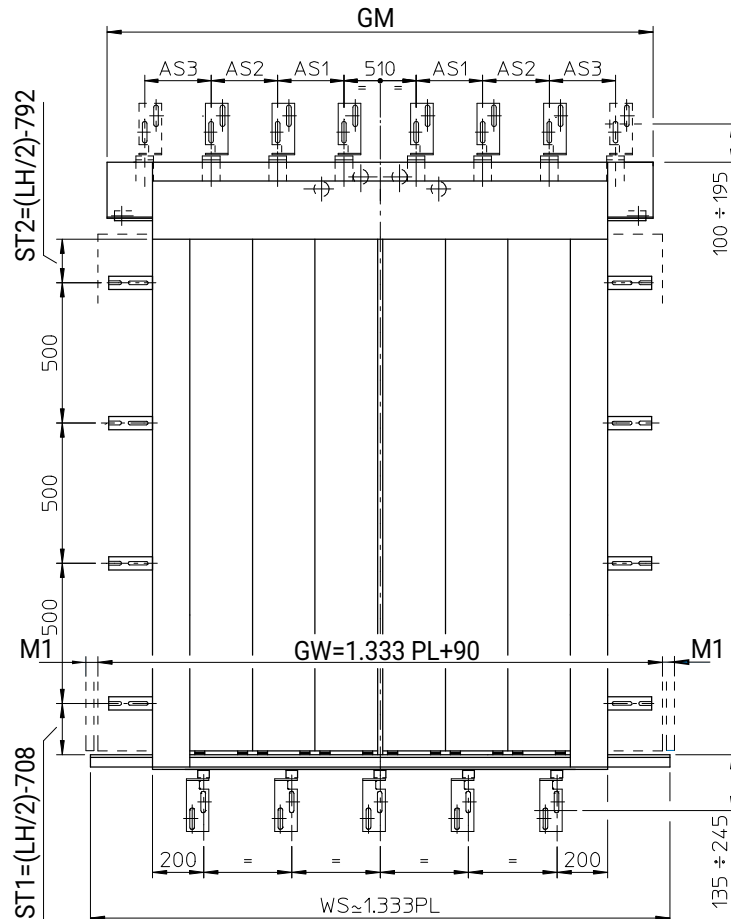
AUTOMATIC DOORS SERIES 3201-HYDRA

PORTE AUTOMATICHE SERIE 3201-HYDRA

Code/Codice TC.2.001983.EN
Version/Versione K
Date/Data 22.06.2022
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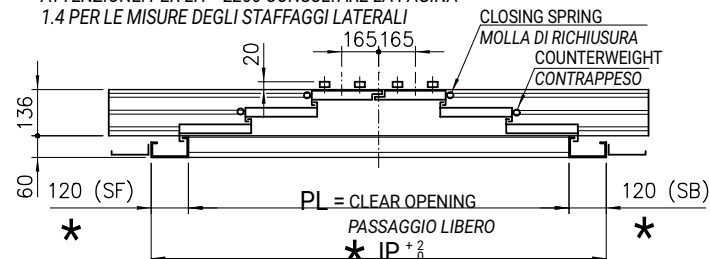
SIX PANELS CLASS "E" FIRE-RESISTANT CENTRE PARTING LANDING DOOR, TYPE 61/C PL=1500÷3200 SP<222

PORTA DI PIANO 6 ANTE OPPOSITE ESISTENTE AL FUOCO CLASSE "E", TIPO 61/C PL=1500÷3200 SP<222



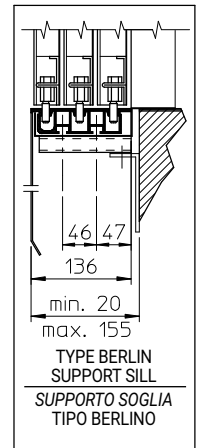
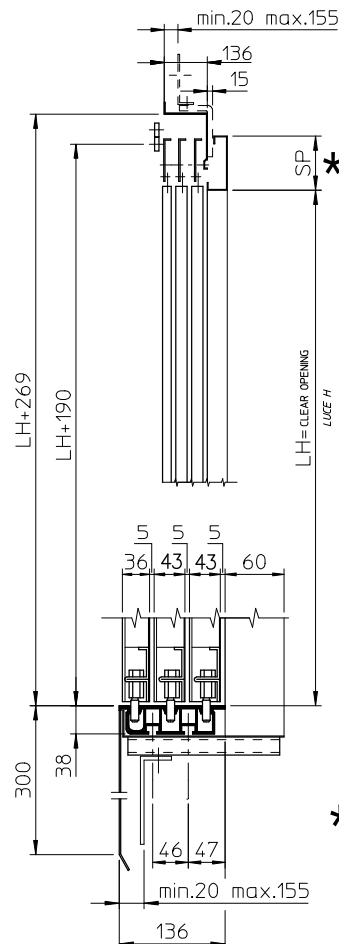
NOTE: HEIGHT > 2200 SEE PAGE 1.4 FOR DIMENSIONS OF SIDE BRACKETS

ATTENZIONE: PER LH > 2200 CONSULTARE LA PAGINA 1.4 PER LE MISURE DEGLI STAFFAGGI LATERALI



	DIMENSIONS DIMENSIONI	CLASS CLASSE
PL	1500 ÷ 3200 **	E120 E90 E60 E30
LH	1900 ÷ 3500 **	
SP	50 ÷ 500	
SB	50 ÷ 750	
SF	50 ÷ 750	

PL	GM	WS	GW	As1	As2	As3	PL	GM	GW	WS	As1	As2	As3
1500	2200	2000	2090				2400	3320	3200	3290			
1550	2250	2050	2156	420	305		2450	3370	3250	3356	435	435	415
1600	2300	2130	2222				2500	3420	3330	3422			
1650	2350	2200	2290	440			2550	3470	3400	3490	460	460	
1700	2400	2250	2356		335		2600	3650	3450	3556			
1750	2450	2330	2422	490			2650	3700	3530	3622	485	485	
1800	2550	2400	2490				2700	3750	3600	3690			
1850	2600	2450	2556	570	330		2750	3800	3650	3756	510	510	480
1900	2650	2530	2622				2800	3850	3730	3822			
1950	2700	2600	2690	590	360		2850	3900	3800	3890	535	535	
2000	2750	2650	2756				2900	3950	3850	3956			
2050	2870	2730	2822	335	335		2950	4090	3930	4022	560	560	
2100	2920	2800	2890				3000	4140	4000	4090			
2150	2970	2850	2956	360	360	330	3050	4190	4050	4156	585	585	525
2200	3020	2930	3022				3100	4240	4130	4222			
2250	3070	3000	3090	385	385		3150	4290	4200	4290	590	590	565
2300	3220	3050	3156				3200	4390	4250	4356	600	600	595
2350	3270	3130	3222	410	410	415							



DIMENSIONS ARE CHANGEABLE ON REQUEST WITHIN THE LIMITS CONSENTED BY THE TESTINGS

* LE QUOTE CON ASTERISCO SONO VARIABILI A RICHIESTA ENTRO I LIMITI CONSENTITI DAI COLLAUDI

** IN CASE OF LH > 3100 AND/OR PL > 2800 THE E120 CLASS DOORS MUST BE EQUIPED WITH INTUMESCENT SEALS

** IN CASO DI LH > 3100 E/O PL > 2800 LE PORTE CLASSE E120 DEVONO ESSERE FORNITE CON GUARNIZIONE TERMOESPANDENTE

M1	35	WITH CLOSING SPRING CON MOLLA DI RICHIUSURA
	70	WITH COUNTERWEIGHT CON CONTRAPPESO

AUTOMATIC DOORS SERIES 3201-HYDRA

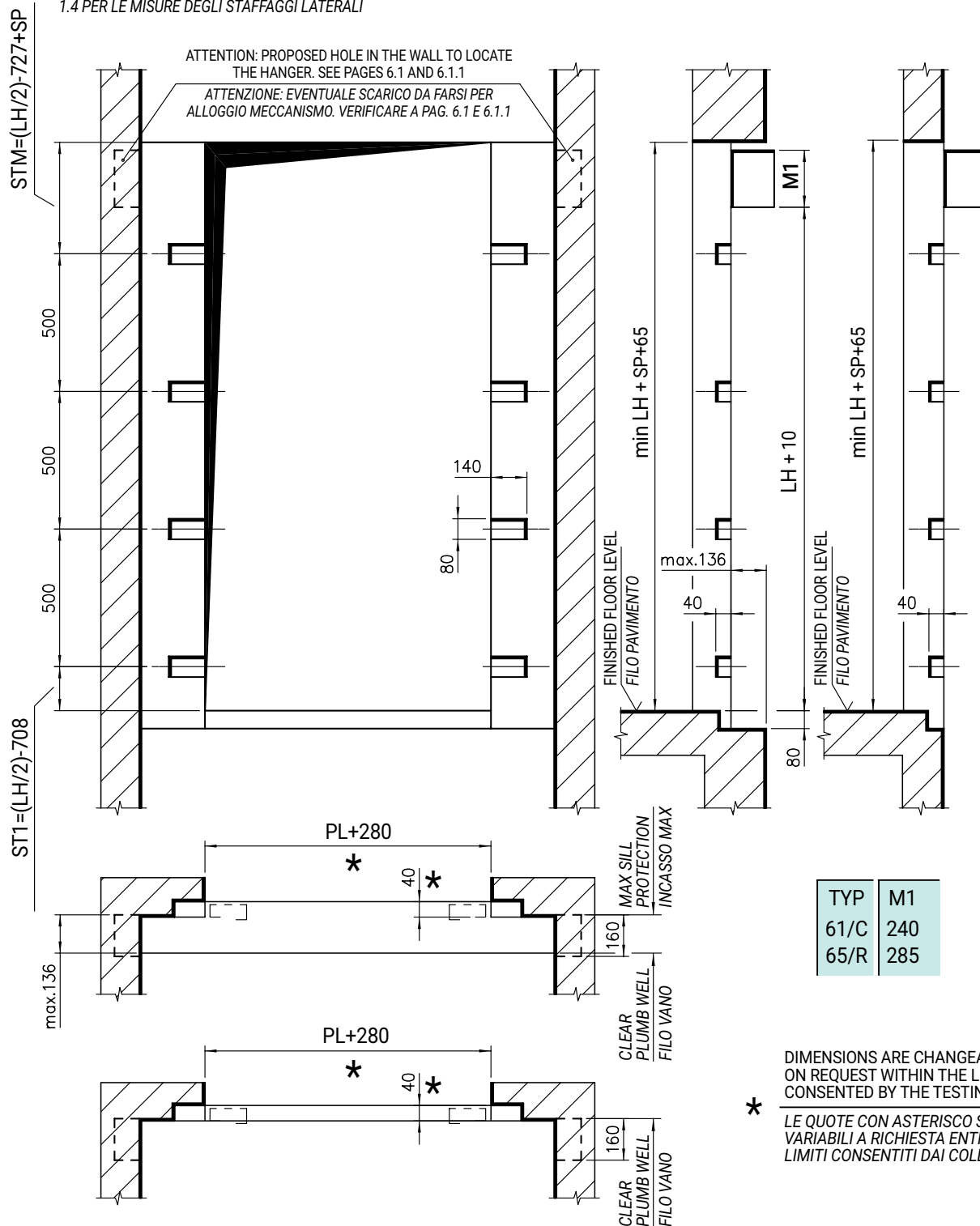
PORTE AUTOMATICHE SERIE 3201-HYDRA

Code/Codice TC.2.001983.EN
Version/Versione /
Date/Data 12.10.2010
Page/Pagina 6.1.4

SHAFT WALL FOR SIX PANELS CLASS "E" FIRE-RESISTANT CENTRAL OPENING DOOR, TYPE 65/R 61/C
VANO MURATURA PER PORTA 6 ANTE OPPOSTE RESISTENTI AL FUOCO CLASSE "E", TIPO 65/R 61/C

NOTE: HEIGHT > 2100 SEE PAGE 1.4 FOR DIMENSIONS OF SIDE BRACKETS

ATTENZIONE: PER LH > 2100 CONSULTARE LA PAGINA 1.4 PER LE MISURE DEGLI STAFFAGGI LATERALI

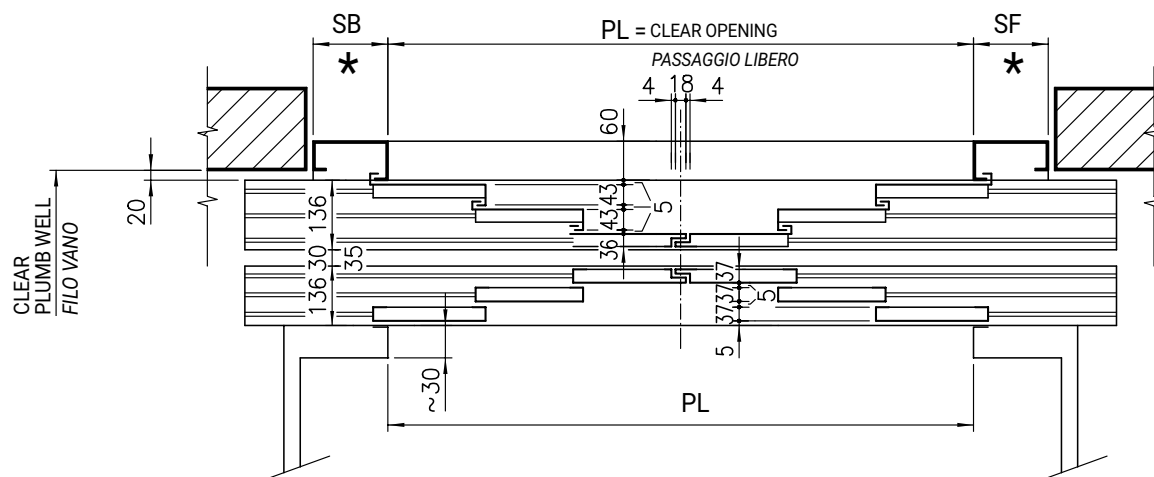


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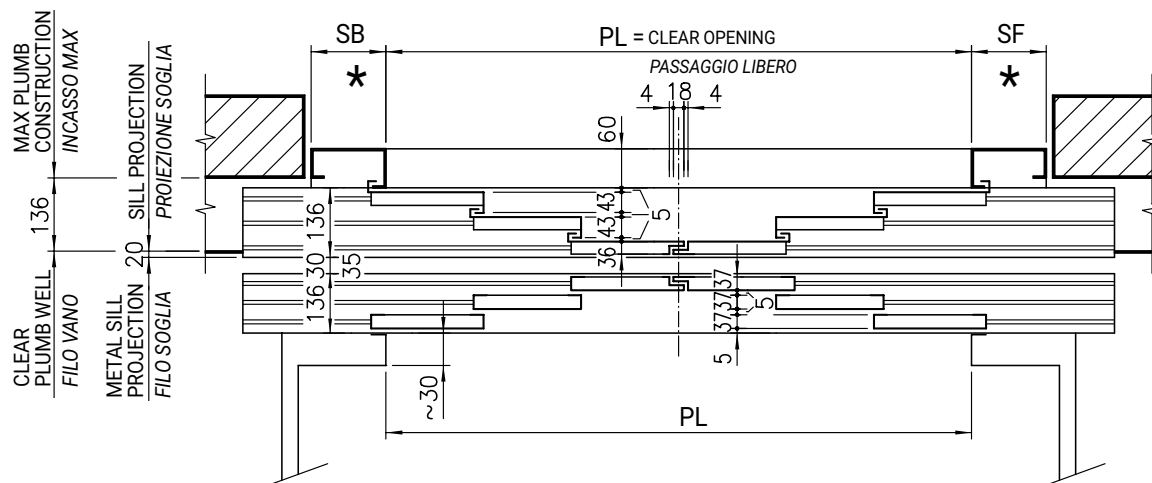
PORTE AUTOMATICHE SERIE 3201-HYDRA

Code/Codice TC.2.001983.EN
Version/Versione K
Date/Data 22.06.2022
Page/Pagina 6.2

ARRANGEMENT FOR SIX PANELS CLASS "E" FIRE-RESISTANT CENTRE PARTING LANDING DOOR, TYPE 61-62/C 65-66/R
ACCOPIAMENTO PER PORTA DI PIANO 6 ANTE OPPOSTE RESISTENTE AL FUOCO CLASSE "E"



WALL INSTALLATION
MONTAGGIO A SBALZO



NICHE INSTALLATION
MONTAGGIO IN NICCHIA

DIMENSIONS ARE CHANGEABLE
ON REQUEST WITHIN THE LIMITS
CONSENTED BY THE TESTINGS

* LE QUOTE CON ASTERISCO SONO
VARIABILI A RICHIESTA ENTRO I
LIMITI CONSENTITI DAI COLLAUDI

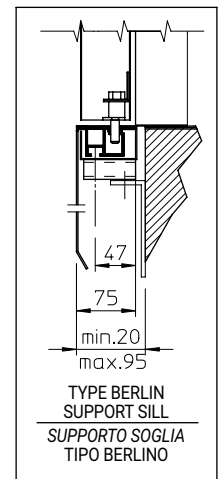
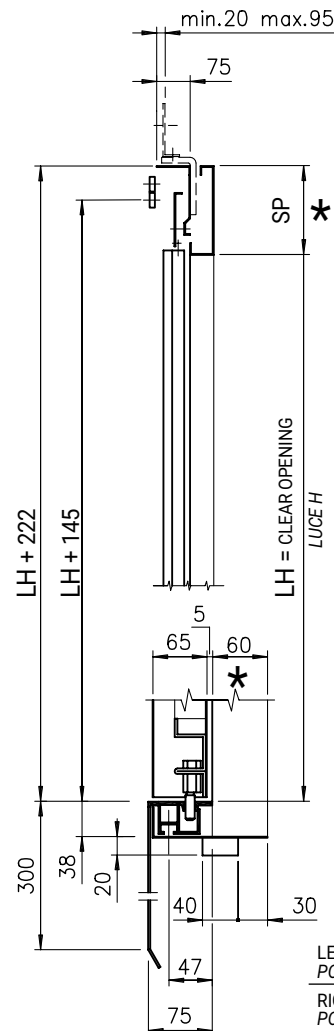
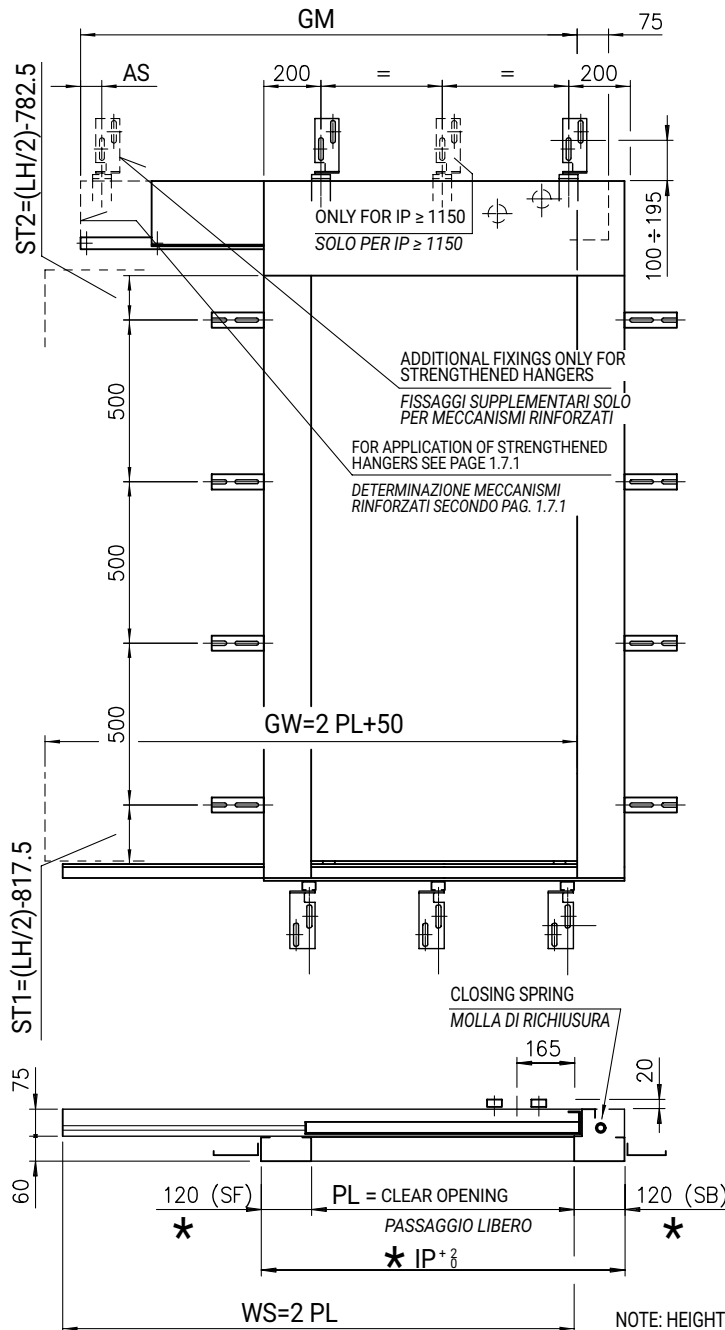
AUTOMATIC DOORS SERIES 3201-HYDRA

PORTE AUTOMATICHE SERIE 3201-HYDRA

Code/Codice TC.2.001983.EN
Version/Versione H
Date/Data 10.04.2020
Page/Pagina 7.1

ONE PANEL CLASS "E" FIRE-RESISTANT LANDING DOOR, TYPE 71/R-L PL=600÷1400

PORTA DI PIANO 1 ANTA RESISTENTE AL FUOCO CLASSE "E", TIPO 71/R-L PL=600÷1400



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

IN CASE OF LH > 3100 THE E120 CLASS DOORS MUST BE EQUIPPED WITH INTUMESCENT SEALS

**

IN CASO DI LH > 3100 LE PORTE CLASSE E120 DEVONO ESSERE FORNITE CON GUARNIZIONE TERMOESPANDENTE

	DIMENSIONS DIMENSIONI	CLASS CLASSE
PL	600 ÷ 1400	E120 E90 E60 E30
LH	1900 ÷ 3500 **	
SP	50 ÷ 500	
SB	50 ÷ 750	
SF	50 ÷ 750	

NOTE: HEIGHT > 2200 SEE PAGE 1.4 FOR DIMENSIONS OF SIDE BRACKETS
ATTENZIONE: PER LH > 2200 CONSULTARE LA PAGINA 1.4 PER LE MISURE DEGLI STAFFAGGI LATERALI

PL	GM	GW	WS	As	PL	GM	GW	WS	As
600	1225	1250	1200	190	1050	2095	2150	2100	150
650	1295	1350	1300	260	1100	2245	2250	2200	60
700	1395	1450	1400	210	1150	2295	2350	2300	110
750	1495	1550	1500	310	1200	2445	2450	2400	200
800	1595	1650	1600	110	1250	2495	2550	2500	250
850	1695	1750	1700	210	1300	2645	2650	2600	185
900	1795	1850	1800	85	1350	2695	2750	2700	235
950	1895	1950	1900	185	1400	2795	2850	2800	60
1000	2045	2050	2000	100					

DIMENSIONS ARE CHANGEABLE ON REQUEST WITHIN THE LIMITS CONSENTED BY THE TESTINGS

* LE QUOTE CON ASTERISCO SONO VARIABILI A RICHIESTA ENTRO I LIMITI CONSENTITI DAI COLLAUDI

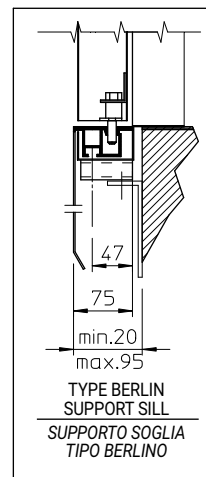
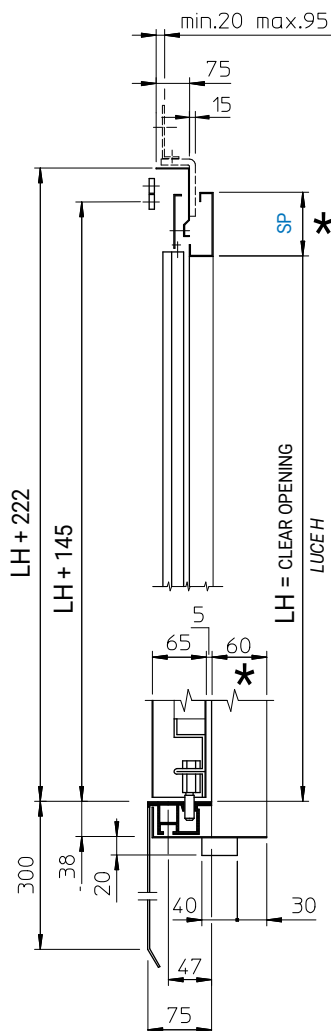
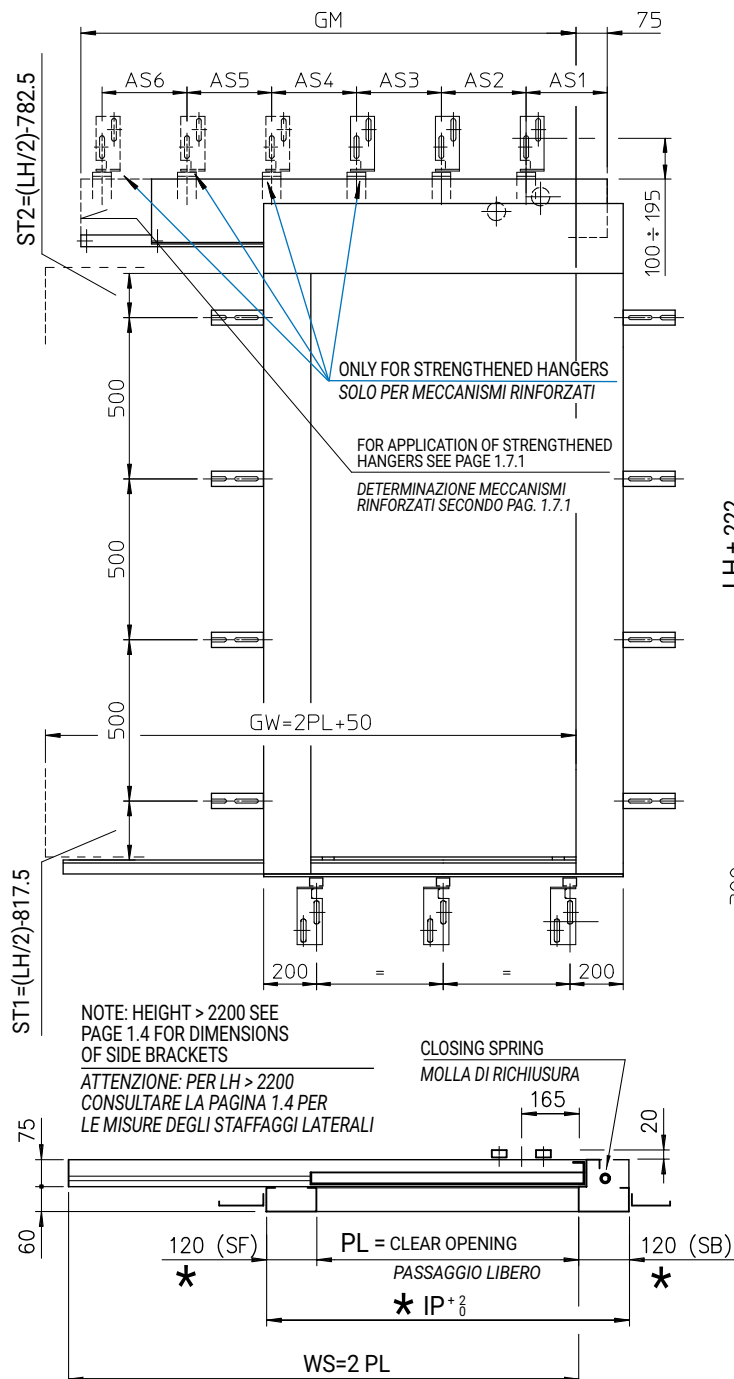
AUTOMATIC DOORS SERIES 3201-HYDRA

PORTE AUTOMATICHE SERIE 3201-HYDRA

Code/Codice TC.2.001983.EN
Version/Versione J
Date/Data 08.03.2021
Page/Pagina 7.1.1

ONE PANEL CLASS "E" FIRE-RESISTANT LANDING DOOR, TYPE 71/R-L PL=600÷1400 SP<222

PORTA DI PIANO 1 ANTA RESISTENTE AL FUOCO CLASSE "E", TIPO 71/R-L PL=600÷1400 SP<222



IN CASE OF LH > 3100 THE E120 CLASS DOORS MUST BE EQUIPPED WITH INTUMESCENT SEALS

** IN CASO DI LH > 3100 LE PORTE CLASSE E120 DEVONO ESSERE FORNITE CON GUARNIZIONE TERMOSPANDENTE

DIMENSIONS ARE CHANGEABLE ON REQUEST WITHIN THE LIMITS CONSENTED BY THE TESTINGS

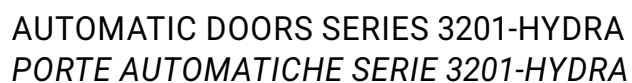
LE QUOTE CON ASTERISCO SONO VARIABILI A RICHIESTA ENTRO I LIMITI CONSENTITI DAI COLLAUDI

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

	DIMENSIONS DIMENSIONI	CLASS CLASSE
PL	600 ÷ 1400	E120 E90 E60 E30
LH	1900 ÷ 3500 **	
SP	50 ÷ 500	
SB	50 ÷ 750	
SF	50 ÷ 750	

STANDARD HANGERS MECCANISMO STANDARD					
PL	GM	GW	WS	As1	As2
600	1225	1250	1200	115	415
650	1295	1350	1300		580
700	1395	1450	1400		
750	1495	1550	1500		

STRENGTHENED HANGERS - MECCANISMO RINFORZATO																			
PL	GM	GW	WS	As1	As2	As3	As4	As5	As6	PL	GM	GW	WS	As1	As2	As3	As4	As5	As6
600	1225	1250	1200	115	495	500	/	/	/	1050	2095	2150	2100	115	450	465	495	495	275
650	1295	1350	1300		600	545				1100	2245	2250	2200	155	490	485	565	565	
700	1395	1450	1400							1150	2295	2350	2300						
750	1495	1550	1500				1200			2445	2450	2400							
800	1595	1650	1600		470	375	1250	2495	2550	2500	585	595	545	545					
850	1695	1750	1700		375	345	350	1300	2645	2650					2600				
900	1795	1850	1800		450	355	415	1350	2695	2750					2700				
950	1895	1950	1900			450	450	1400	2795	2850	2800								
1000	2045	2050	2000			465	495	495											



Code/Codice	TC.2.001983.EN
Version/Versione	L
Date/Data	02.02.2024
Page/Pagina	7.1.2

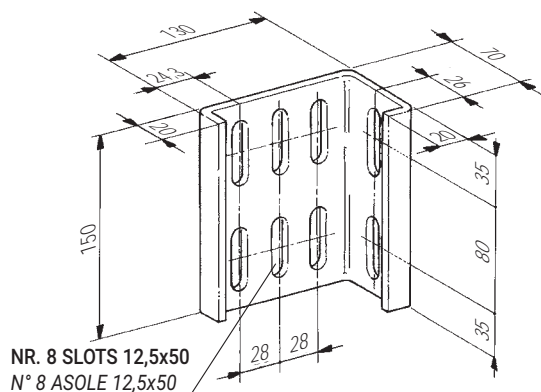
STD. BRACKETS
STAFFE STANDARD

Soggetto a modifica senza preavviso!

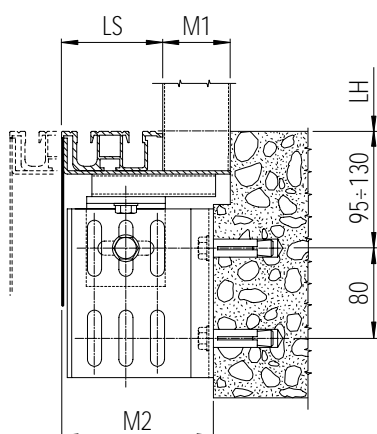
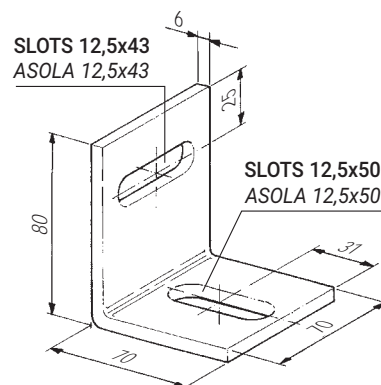
AVAILABLE BRACKETS
STAFFE DISPONIBILI

TWIN FIXING BRACKETS
STAFFE TIPO TWIN

Cod. Nr. 1029236P01

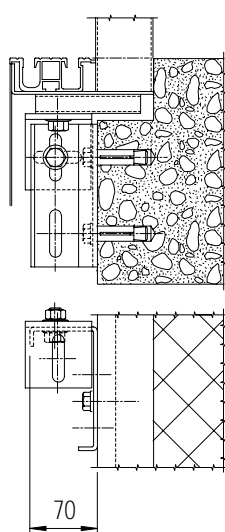


Cod. Nr. 1023922P01



M1= VARIABLE FRAME THICKNESS
PROFONDITA' STIPITE VARIABILE

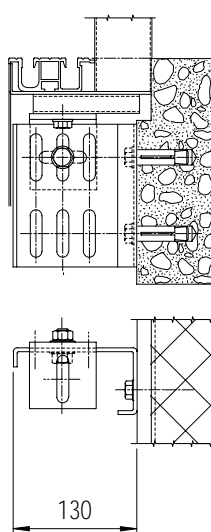
M2 $\begin{cases} \text{min} = 75 \\ \text{max} = M1 + LS \end{cases}$



BRACKET POSITION WHEN
POSIZIONE STAFFA PER
 $75 \leq M2 \leq 135$

According to the available space (M2), fixing bracket can be screwd on as shown on drawing.

La staffa di ancoraggio alla parete può essere ruotata come indicato nello schema, in funzione dello spazio disponibile (M2).



BRACKET POSITION WHEN
POSIZIONE STAFFA PER
 $M2 \geq 135$



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