

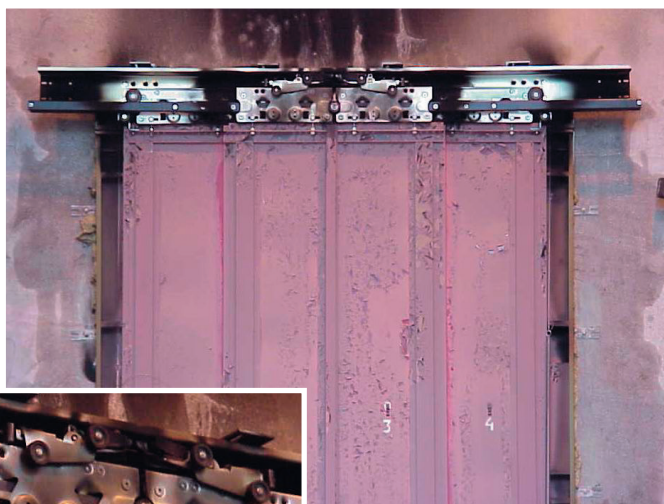
Hydra

Code **TC.2.001983.EN**

Version **E**

Date **10.10.2017**

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

Code/Codice **TC.2.001983.EN**
Version/Versione **A**

Code/Codice **3201.30.0600V03**
Version/Versione **B**
Date/Data **10.10.2017**
Page/Pagina **0.1**

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1.3 Assembly for Disassembled Frames	Montaggio stipiti smontabili
1.3.1 Assembly for Disassembled TCH Type Frames	Montaggio stipiti smontabili tipo TCH
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TWO PANELS TELESCOPIC DOORS	PORTE TELESCOPICHE 2 ANTE
 2.1 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
2.1.1 Shaft Wall for Two Panels Class "E" Fire-resistant Telescopic Door, Type 11/R-L	Vano muratura per porta due ante telescopica resistente al fuoco classe "E", tipo 11/R-L
2.2 Arrangement for Two Panels Class "E" Fire-resistant Telescopic Door, Type 11-12/R-L	Accoppiamento per porta due ante telescopica resistente al fuoco classe "E", tipo 11-12/R-L

TWO PANELS CENTRAL OPENING DOORS	PORTE CENTRALI 2 ANTE
 3.1 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
3.1.1 Shaft Wall for Two Panels Class "E" Fire-resistant Centre Parting Door, Type 01/C	Vano muratura per porta 2 ante opposte resistente al fuoco classe "E", tipo 01/C
3.2 Arrangement for Two Panels Class "E" Fire-resistant Centre Parting Door, Type 01-02/C	Accoppiamento per porta 2 ante opposte resistente al fuoco classe "E", tipo 01-02/C

THREE PANELS TELESCOPIC DOORS	PORTE TELESCOPICHE 3 ANTE
 4.1 Three Panels Class "E" Fire-resistant Telescopic Landing Door Type 31/R-L C.O.=600÷2100	Porta di piano 3 ante telescopica resistente al fuoco classe "E", tipo 31/R-L PL=600÷2100
4.1.1 Shaft Wall for Three Panels Class "E" Fire-resistant Telescopic Door, Type 31/R-L	Vano muratura per porta tre ante telescopica resistente al fuoco classe "E", tipo 31/R-L
4.2 Arrangement for Three Panels Class "E" Fire-resistant Telescopic Door, Type 31-32/R-L	Accoppiamento per porta 3 ante telescopica resistente al fuoco classe "E", tipo 31-32/R-L

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

GENERAL INDEX INDICE GENERALE

Code/Codice **TC.2.001983.EN**
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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	Porta di piano 4 ante opposte esistente al fuoco classe "E", tipo 43/R PL=600÷1150
5.1.1	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 PL=1200÷3200
5.1.2	Shaft Wall for Four Panels Class "E" Fire-resistant Centre Parting Door, Type 43/R 41/C	Vano muratura per porta 4 ante opposte resistente al fuoco classe "E", tipo 43/R 41/C
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

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	Porta di piano 6 ante opposte esistente al fuoco classe "E", tipo 65/R PL=900÷1450
6.1.1	Six Panels Class "E" Fire-resistant Centre Parting Landing Door Type 61/C C.O.=1500÷3200	Porta di piano 6 ante opposte esistente al fuoco classe "E", tipo 61/C PL=1500÷3200
6.1.2	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	Porta di piano 1 anta resistente al fuoco classe "E", tipo 71/R-L PL=600÷1400
7.1.1	Shaft Wall for One Panel Class "E" Fire-resistant Door, Type 71/R-L	Vano muratura per porta di piano 1 anta resistente al fuoco classe "E", tipo 71/R-L
7.2	Arrangement for One Panel Class "E" Fire-resistant Landing Door, Type 71-72/R-L	Accoppiamento per porta di piano 1 anta resistente al fuoco classe "E", tipo 71-72/R-L



GLOSSARY

GLOSSARIO

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

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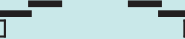
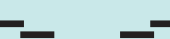
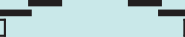
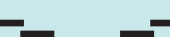
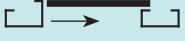
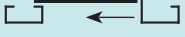
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AUTOMATIC DOORS SERIES 3201-HYDRA PORTE AUTOMATICHE SERIE 3201-HYDRA

Code/Codice TC.2.001983.EN
Version/Versione /

PRODUCTION RANGE
GAMMA DI PRODUZIONE

Code/Codice 3201.30.0600V03
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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.		
DOOR WITH OPERATOR ABOVE PORTA CON MECCANISMO SOPRA LA CABINA	3201	01/C		E120	02/C		600	1800			3100
				E90							
		11/R		E120	12/R						3100
				E90							
		11/L		E120	12/L		600	1800			3100
				E90							
		31/R		E120	32/R						3100
				E90							
		31/L		E120	32/L		600	2100			3100
				E90							
		31/R		E120	35/R						3100
				E90							
		31/L		E120	35/L		600	1400	1900		3100
				E90							
		41/C		E120	42/C		1200	2800			3100
				E90							
		43/R		E120	44/R		600	1150			2200
				E90							
		61/C		E120	62/C			2800			3100
				E90							
		65/R		E120	66/R						2200
				E90							
		71/R		E120	72/R						3100
				E90							
		71/L		E120	72/L		600	1400			3100
				E90							

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

SUPPLY OF DISASSEMBLED DOORS
FORNITURA PORTE SMONTATE

Code/Codice TC.2.001983.EN
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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															
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)

Attenzione: Inoltre, saranno eseguite e fornite in versione smontata tutte le porte con portali aventi la misura d'ingombro laterale (PL+SB+SL oppure PL+2SL) > 1600 mm, oppure la misura d'ingombro in altezza > 2800 mm. 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 (PL+SB+SL or PL+2SL) or the overall height dimension > 2800 mm will be executed in disassemblable version and 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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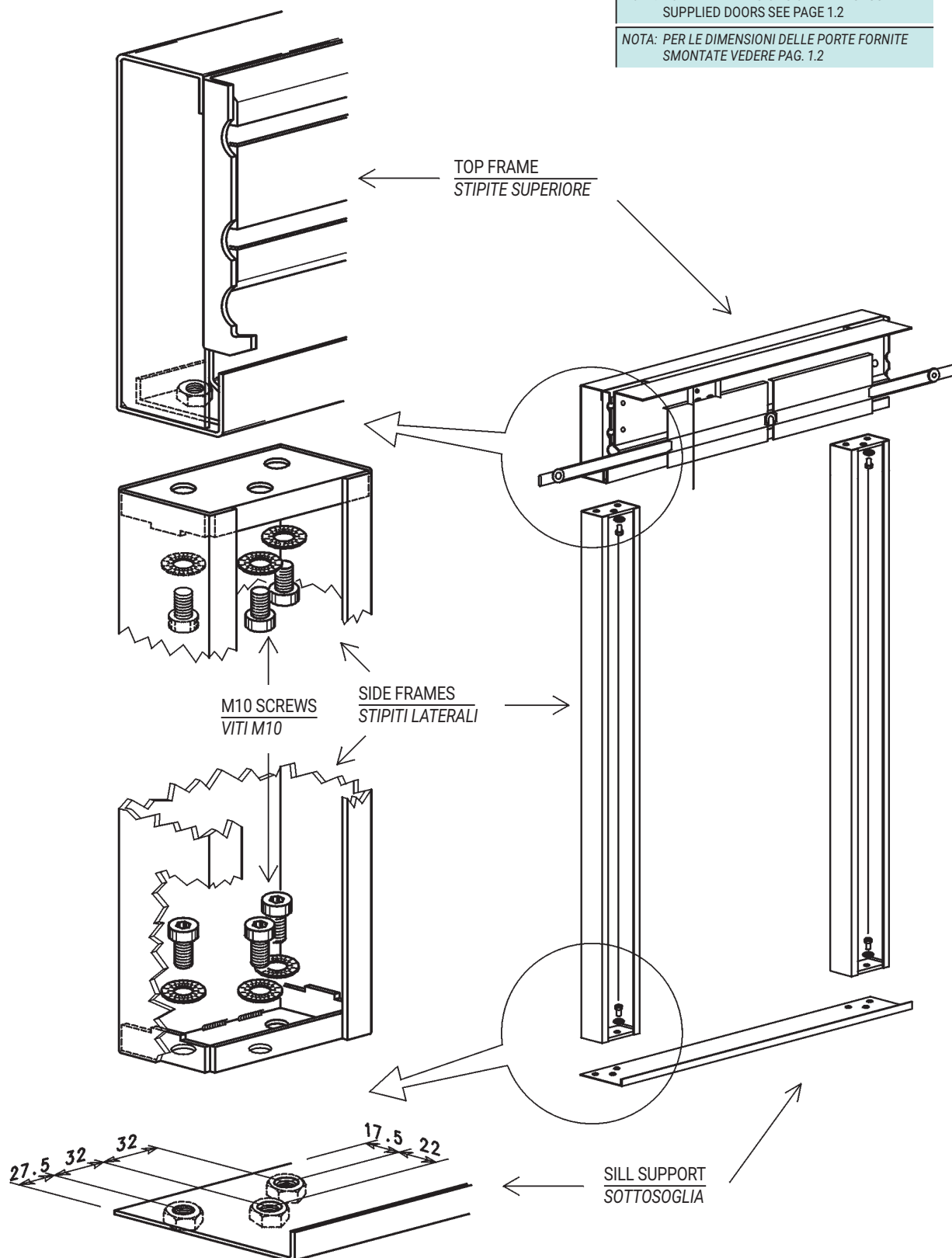
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ASSEMBLY OF DISASSEMBLED FRAMES MONTAGGIO STIPITI SMONTABILI

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



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

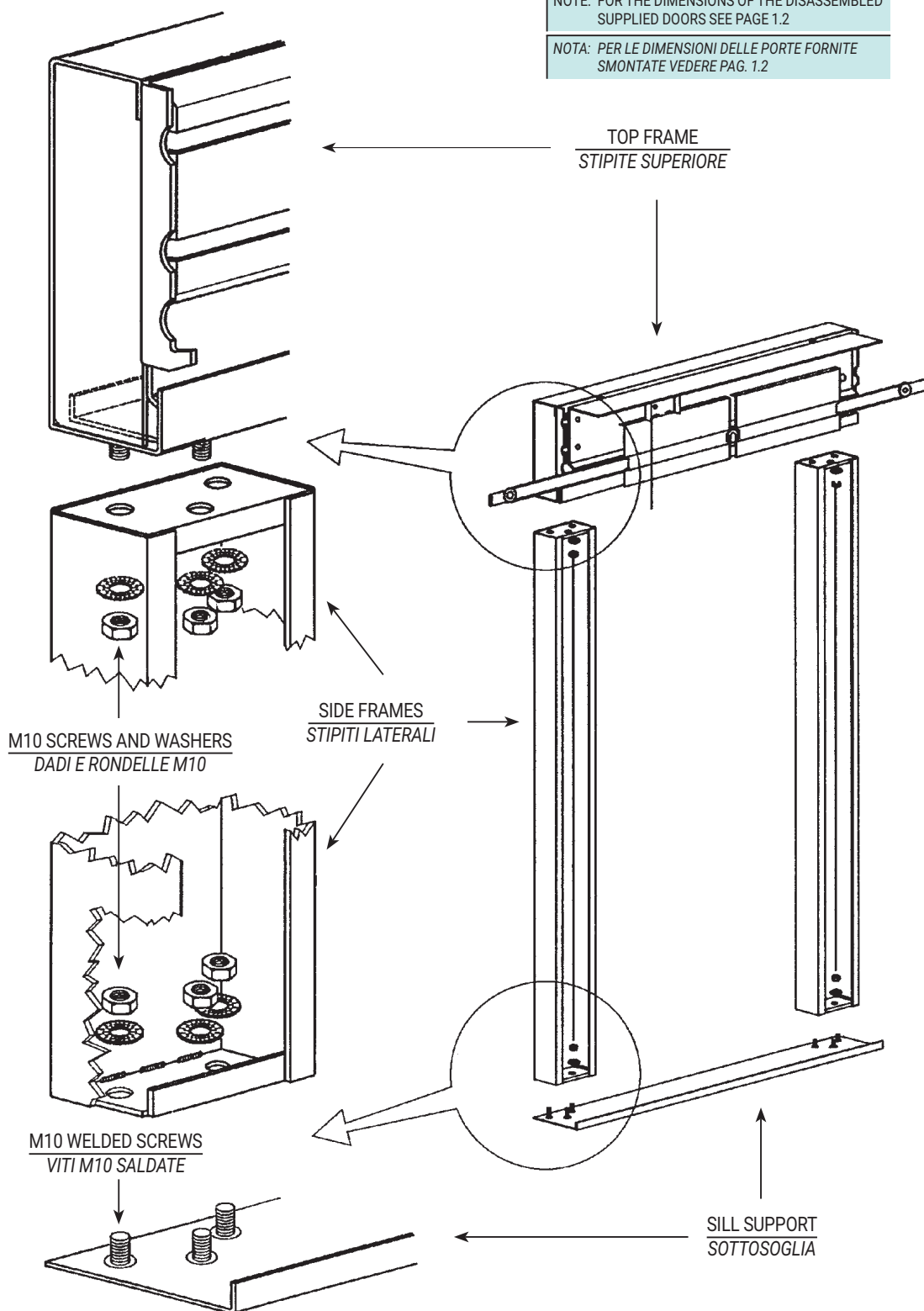
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NOTE: FOR THE DIMENSIONS OF THE DISASSEMBLED
SUPPLIED DOORS SEE PAGE 1.2

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



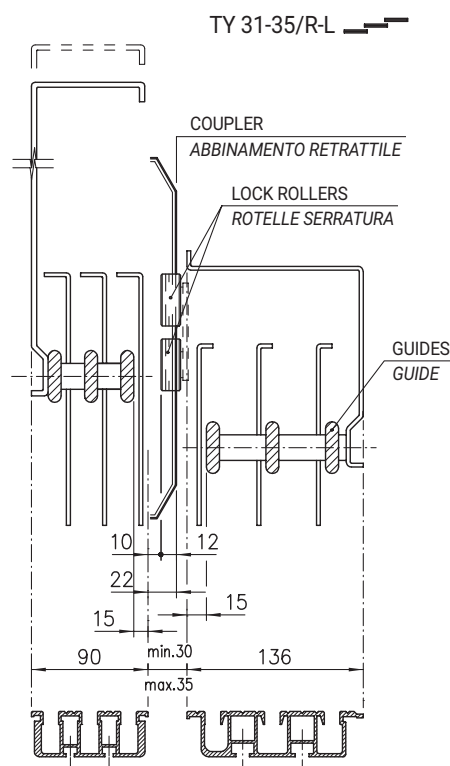
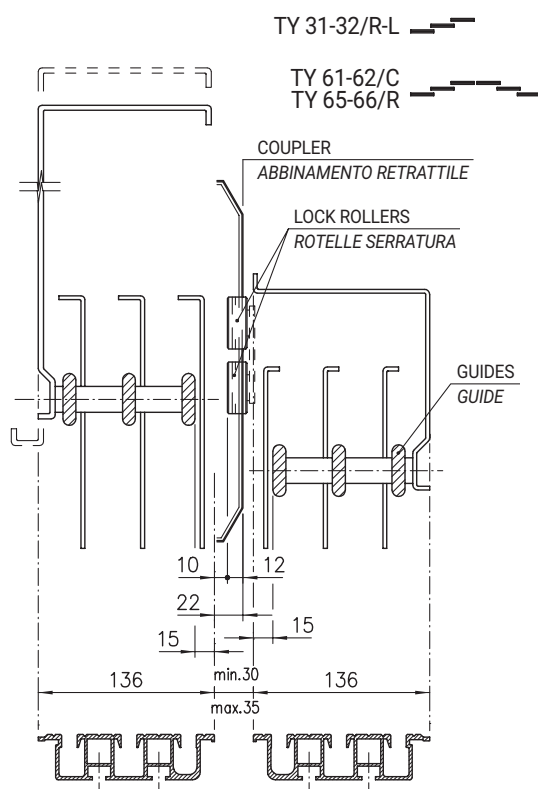
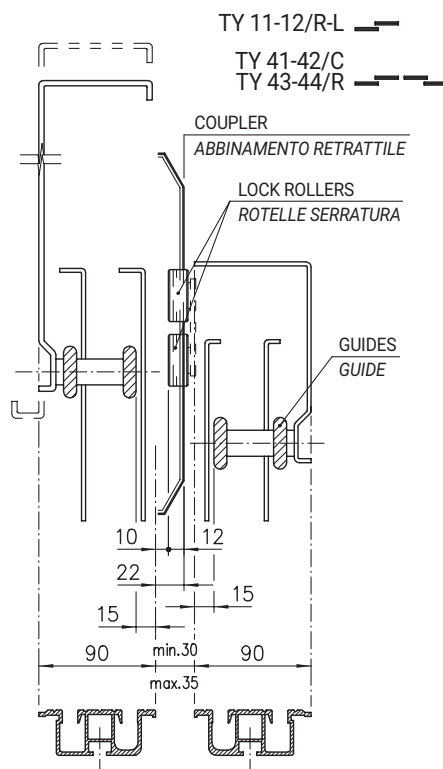
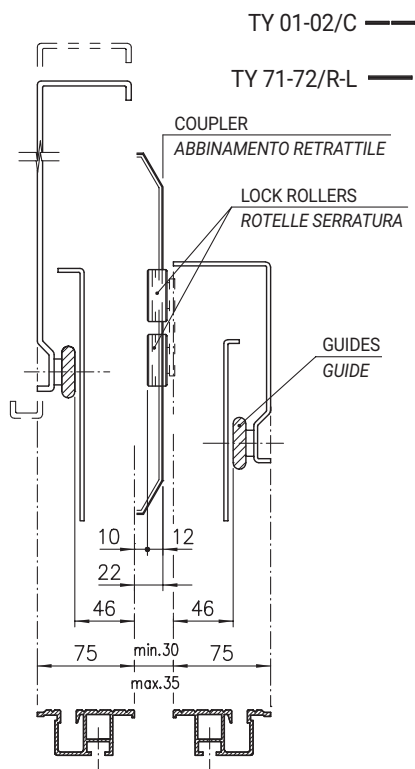
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HYDRA PLUS CAR DOORS AND HYDRA LANDING DOORS ARRANGEMENT ACCOPIAMENTO PORTE DI CABINA HYDRA PLUS E PORTE DI PIANO HYDRA



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

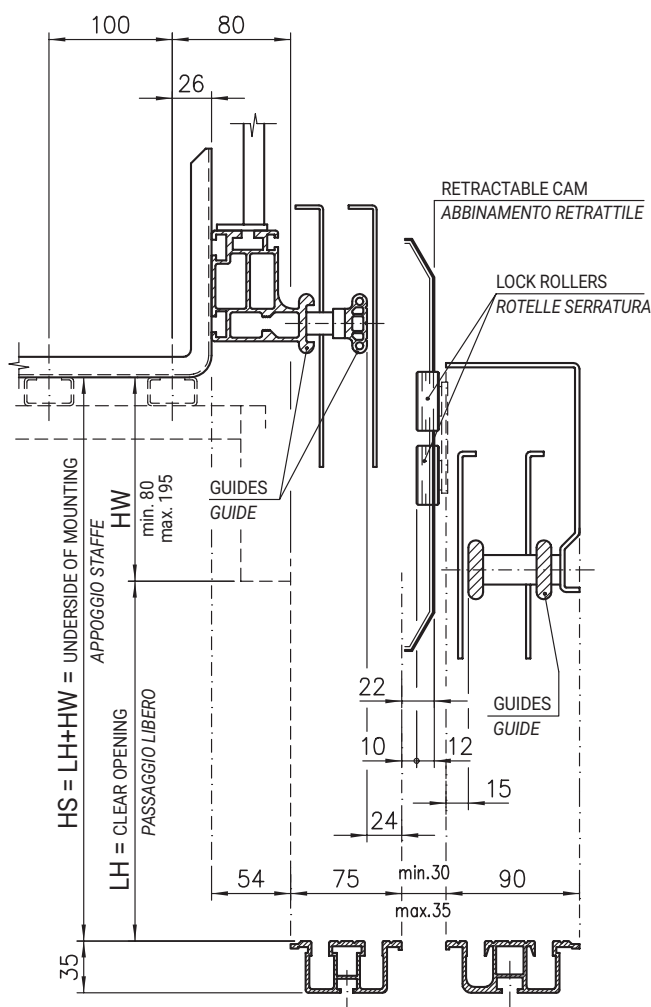
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LANDING AND CAR DOOR ARRANGEMENT ACCOPIAMENTO TRA PORTA DI PIANO E PORTA DI CABINA

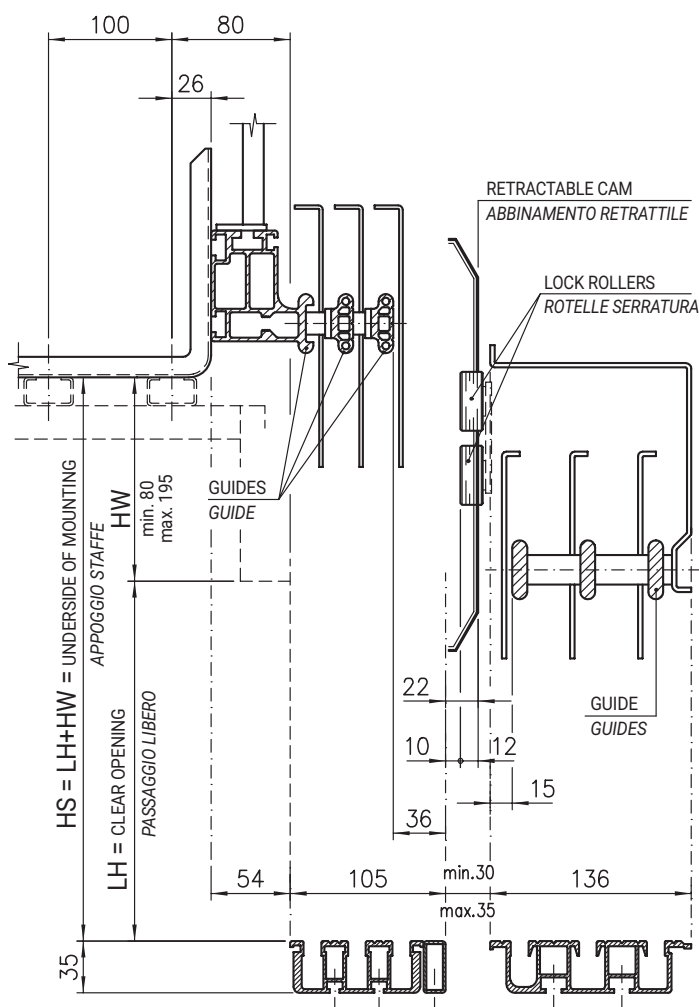
Typ 43/R-44/C



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

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TABELLA PER ESECUZIONI SPECIALI - PORTE AD APERTURA CENTRALE



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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

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Page/Pagina 1.7.2

TABLE FOR SPECIAL EXECUTIONS - CENTRE PARTING DOORS

TABELLA PER ESECUZIONI SPECIALI - PORTE AD APERTURA CENTRALE

PL \ LH	2000	2050	2100	2150	2200
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	2000	2050	2100	2150	2200
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

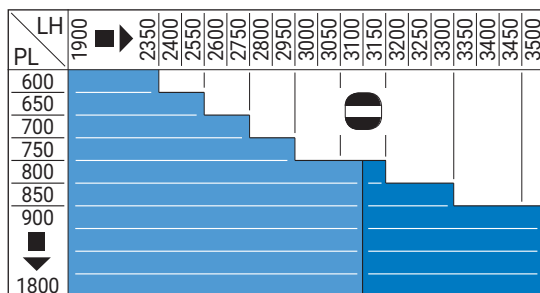
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Mod. **TABLES FOR CLASS "E" FIRE-RESISTANT DOORS EXECUTION**
TABELLE PER ESECUZIONE PORTE RESISTENTI AL FUOCO CLASSE "E"

Mod.

E30 E60 E90 E120



TY 11/R-L

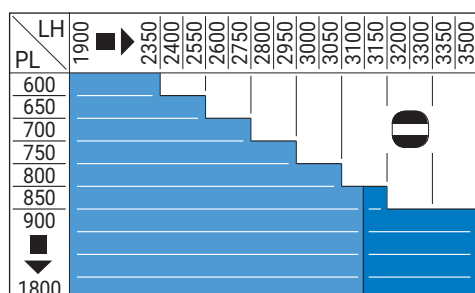
 **DOORS IMPOSSIBLE TO BE MANUFACTURED**
PORTE NON FATTIBILI

 **STANDARD EXECUTION**
ESECUZIONE STANDARD

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

Mod.

E30 E60 E90 E120



TY 01/C

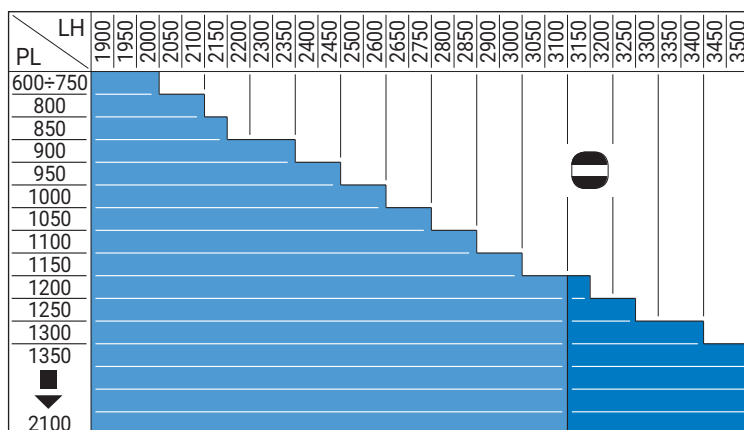
 **DOORS IMPOSSIBLE TO BE MANUFACTURED**
PORTE NON FATTIBILI

 **STANDARD EXECUTION**
ESECUZIONE STANDARD

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

Mod.

E30 E60 E90 E120



TY 31/R-L

 **DOORS IMPOSSIBLE TO BE MANUFACTURED**
PORTE NON FATTIBILI

 **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 **A**

Code/Codice **3201.30.0600V03**
Version/Versione **C**
Date/Data **10.10.2017**
Page/Pagina **1.8.2**

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

Mod.

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

Mod.

E30 E60 E90 E120

PL \ LH	1900	1950	2000	2050	2100	2150	2200
900							
950							
1000							
1050							
1100							
1150							
1200							
1700							

TY 65/R 

STANDARD EXECUTION
ESECUZIONE STANDARD

Mod.

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

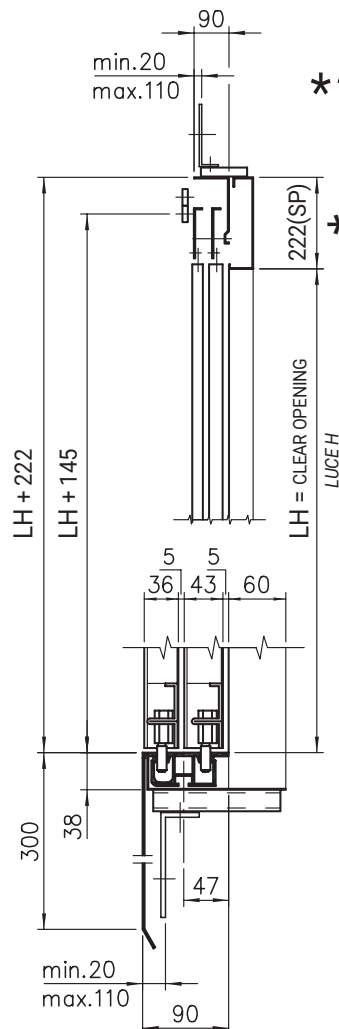
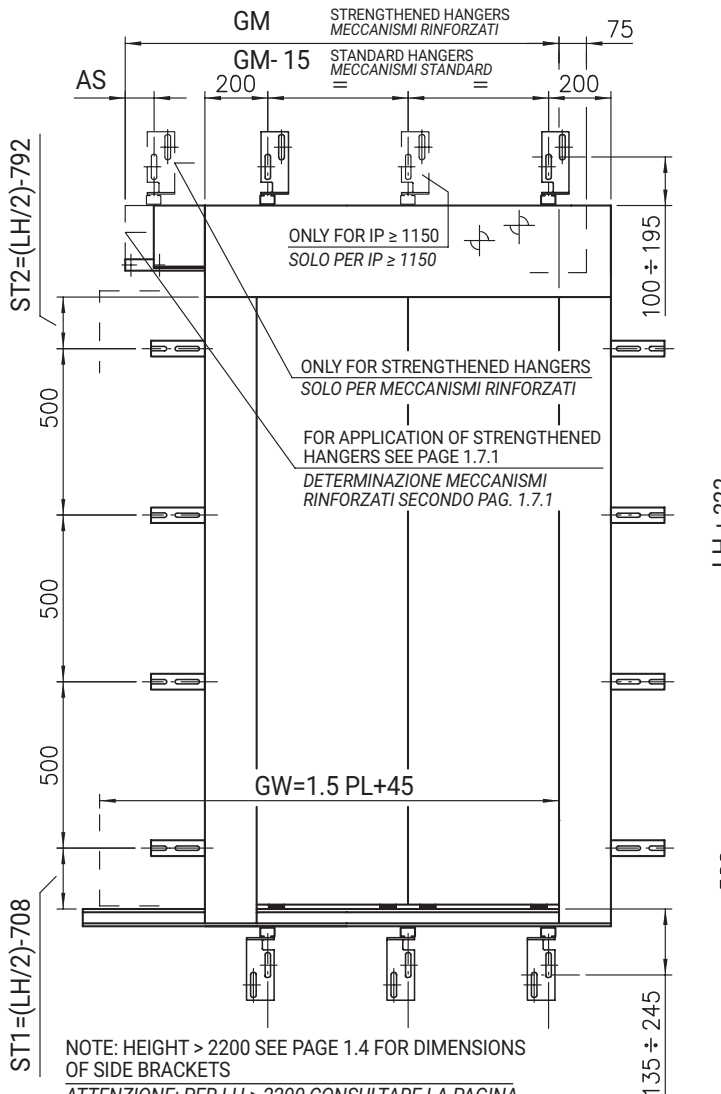
AUTOMATIC DOORS SERIES 3201-HYDRA PORTE AUTOMATICHE SERIE 3201-HYDRA

Code/Codice **TC.2.001983.EN**
Version/Versione **B**

Code/Codice **3201.30.0600V03**
Version/Versione **E**

Date/Data **10.10.2017**
Page/Pagina **2.1**

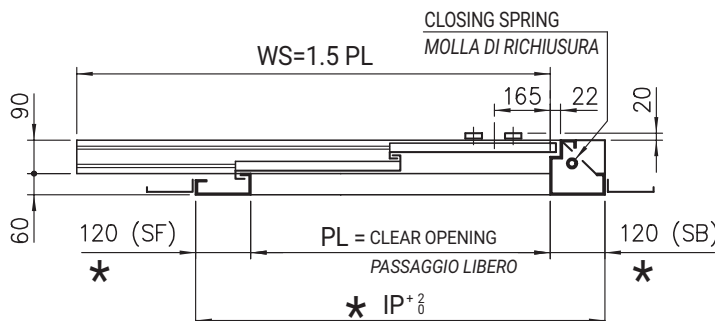
TWO PANELS CLASS "E" FIRE-RESISTANT TELESCOPIC LANDING DOOR, TYPE 11/R-L PL=600÷1800
PORTA DI PIANO 2 ANTE TELESCOPICA RESISTENTE AL FUOCO CLASSE "E"



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 TERMESPANDENTE



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



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

PL	GM	GW	WS	AS
600	975	945	900	/
650	1025	1020	975	75
700	1110	1095	1050	175
750	1210	1170	1125	75
800	1260	1245	1200	125
850	1310	1320	1275	165
900	1425	1395	1350	215
950	1475	1470	1425	85
1000	1570	1545	1500	135
1050	1620	1620	1575	235
1100	1695	1695	1650	165
1150	1795	1770	1725	215
1200	1875	1845	1800	285
1250	1925	1920	1875	55
1300	1995	1995	1950	105
1350	2095	2070	2025	120
1400	2145	2145	2100	220
1450	2245	2220	2175	120
1500	2295	2295	2250	220
1550	2395	2370	2325	120
1600	2445	2445	2400	220
1650	2545	2520	2475	120
1700	2595	2595	2550	220
1750	2695	2670	2625	120
1800	2745	2745	2700	120

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

Code/Codice TC.2.001983.EN
Version/Versione /

Code/Codice 3201.30.0600V03
Version/Versione A

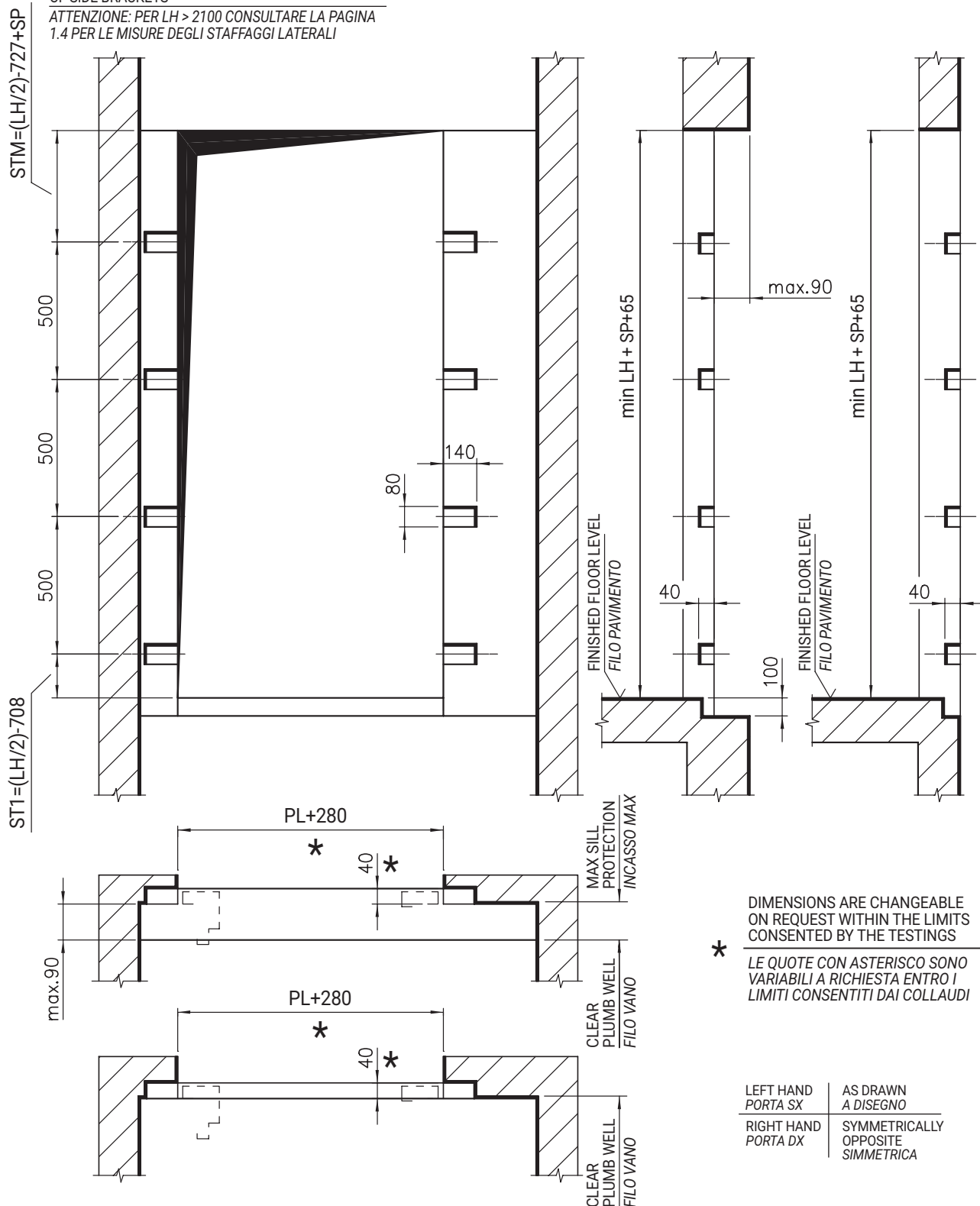
Date/Data 12.10.2010
Page/Pagina 2.1.1

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

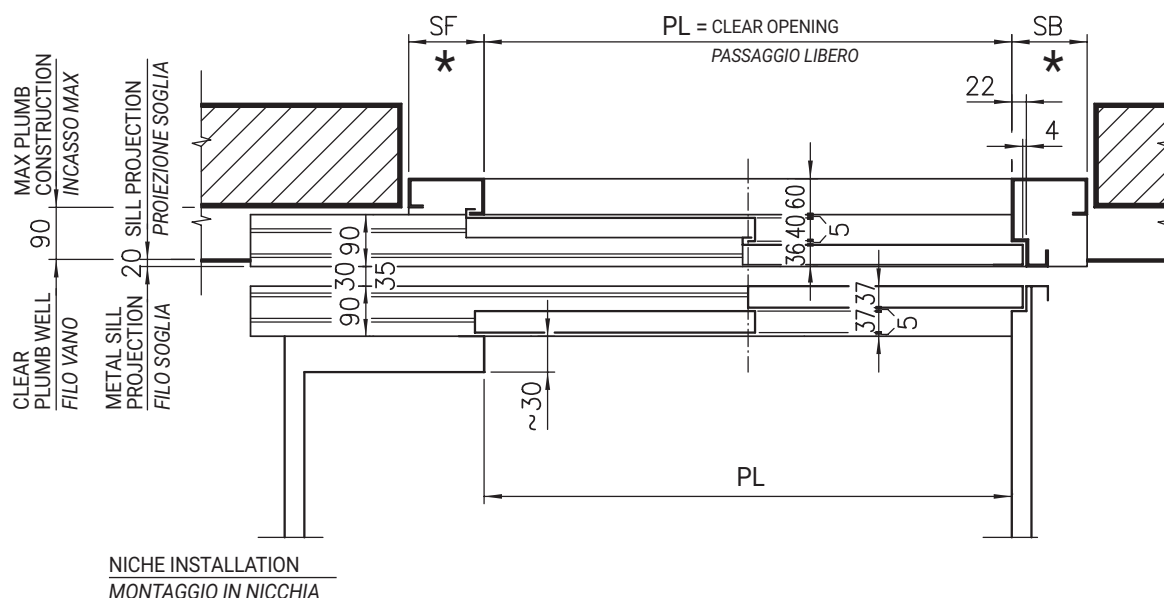
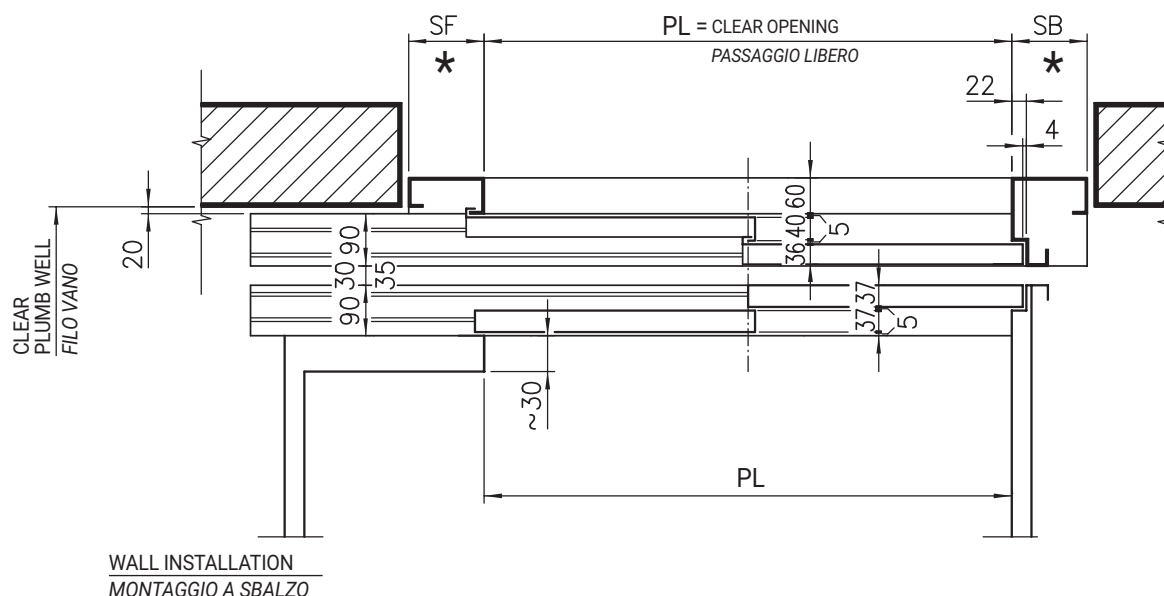
Code/Codice TC.2.001983.EN
Version/Versione /

Code/Codice 3201.30.0600V03
Version/Versione B

Date/Data 12.10.2010
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

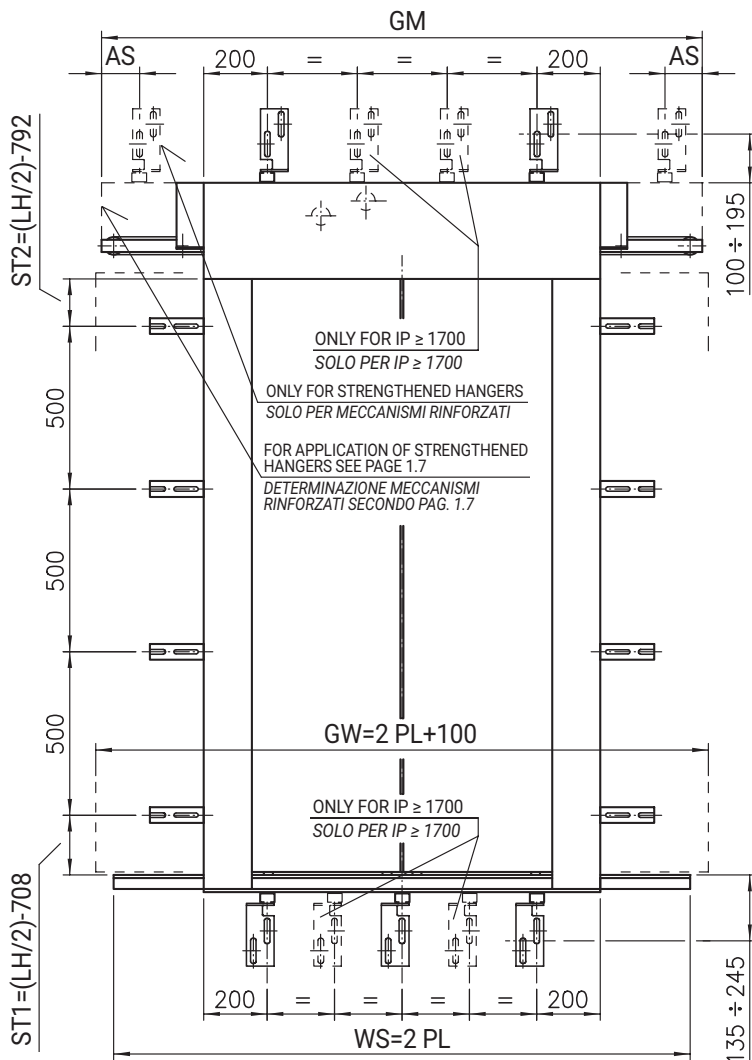
Code/Codice **TC.2.001983.EN**
Version/Versione **A**

Code/Codice **3201.30.0600V03**
Version/Versione **D**

Date/Data **10.10.2017**

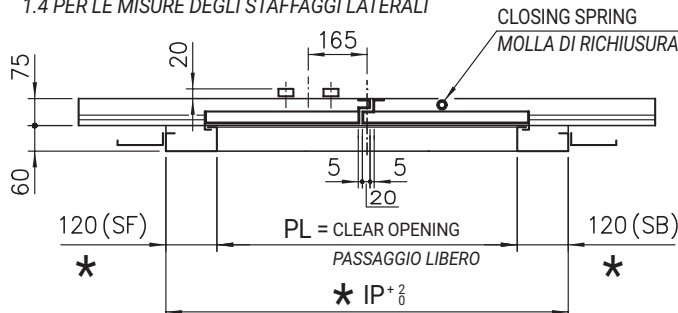
Page/Pagina **3.1**

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



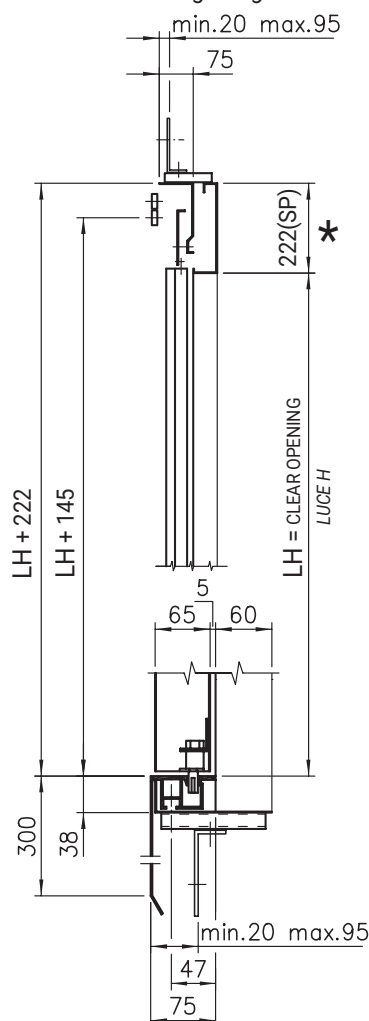
NOTE: HEIGHT > 2200 SEE PAGE 1.4 FOR DIMENSIONS OF SIDE BRACKETS

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



DIMENSIONS ARE 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	
	1550	3180	3200	3100	195
	1600	3230	3300	3200	120
	1650	3380	3400	3300	195
	1700	3430	3500	3400	120
	1750	3580	3600	3500	195
	1800	3630	3700	3600	220

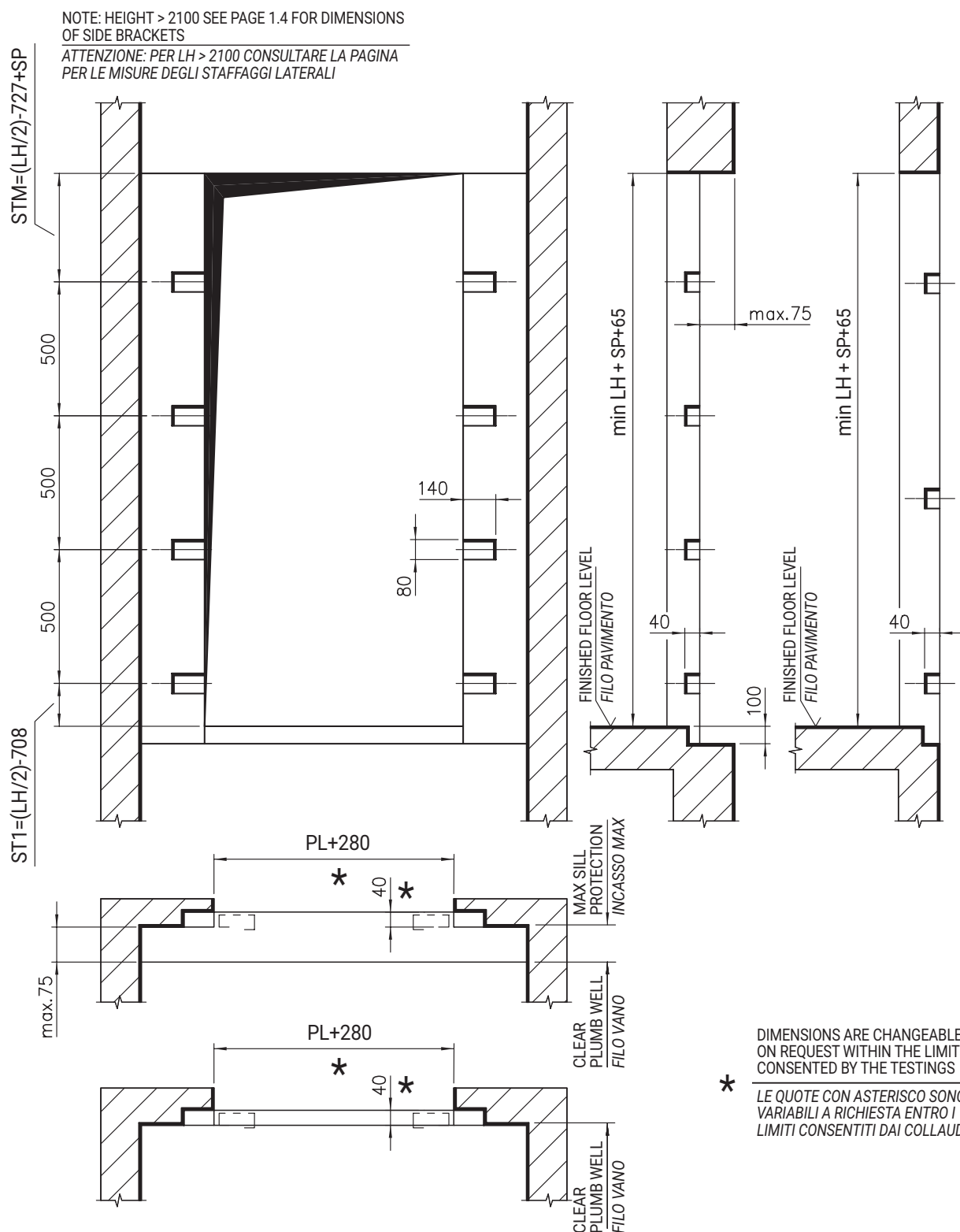
AUTOMATIC DOORS SERIES 3201-HYDRA PORTE AUTOMATICHE SERIE 3201-HYDRA

Code/Codice TC.2.001983.EN
Version/Versione /

Code/Codice 3201.30.0600V03
Version/Versione A

Date/Data 12.10.2010
Page/Pagina 3.1.1

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



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

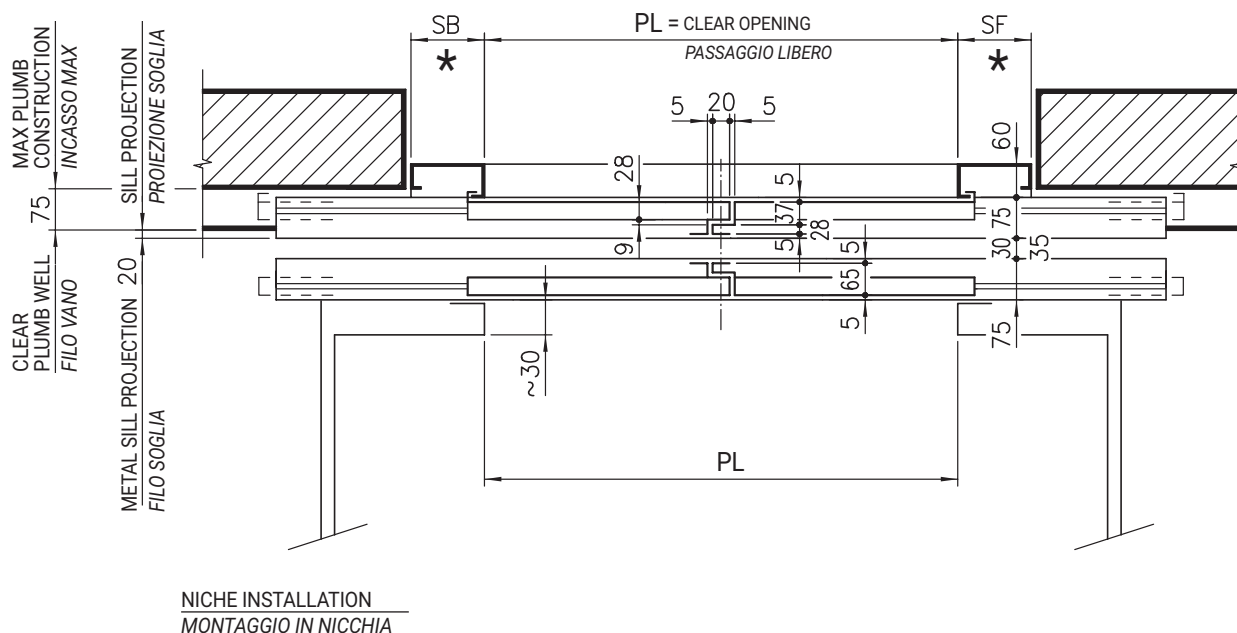
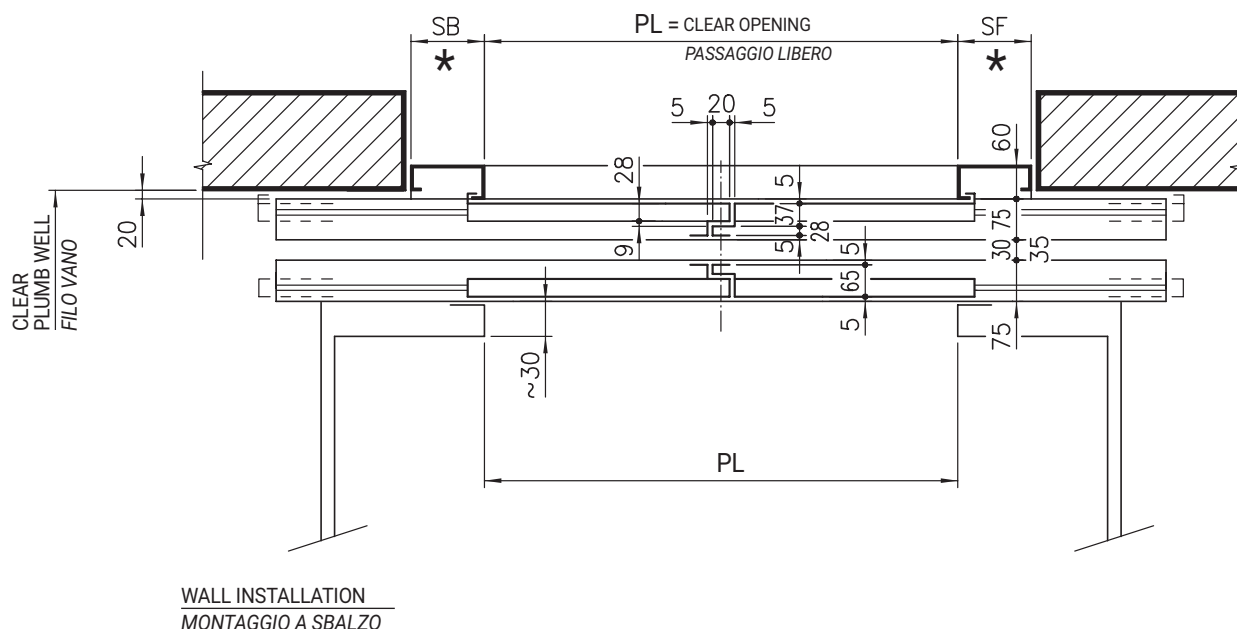
Code/Codice TC.2.001983.EN
Version/Versione /

Code/Codice 3201.30.0600V03
Version/Versione B

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 OPPOSITE 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

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

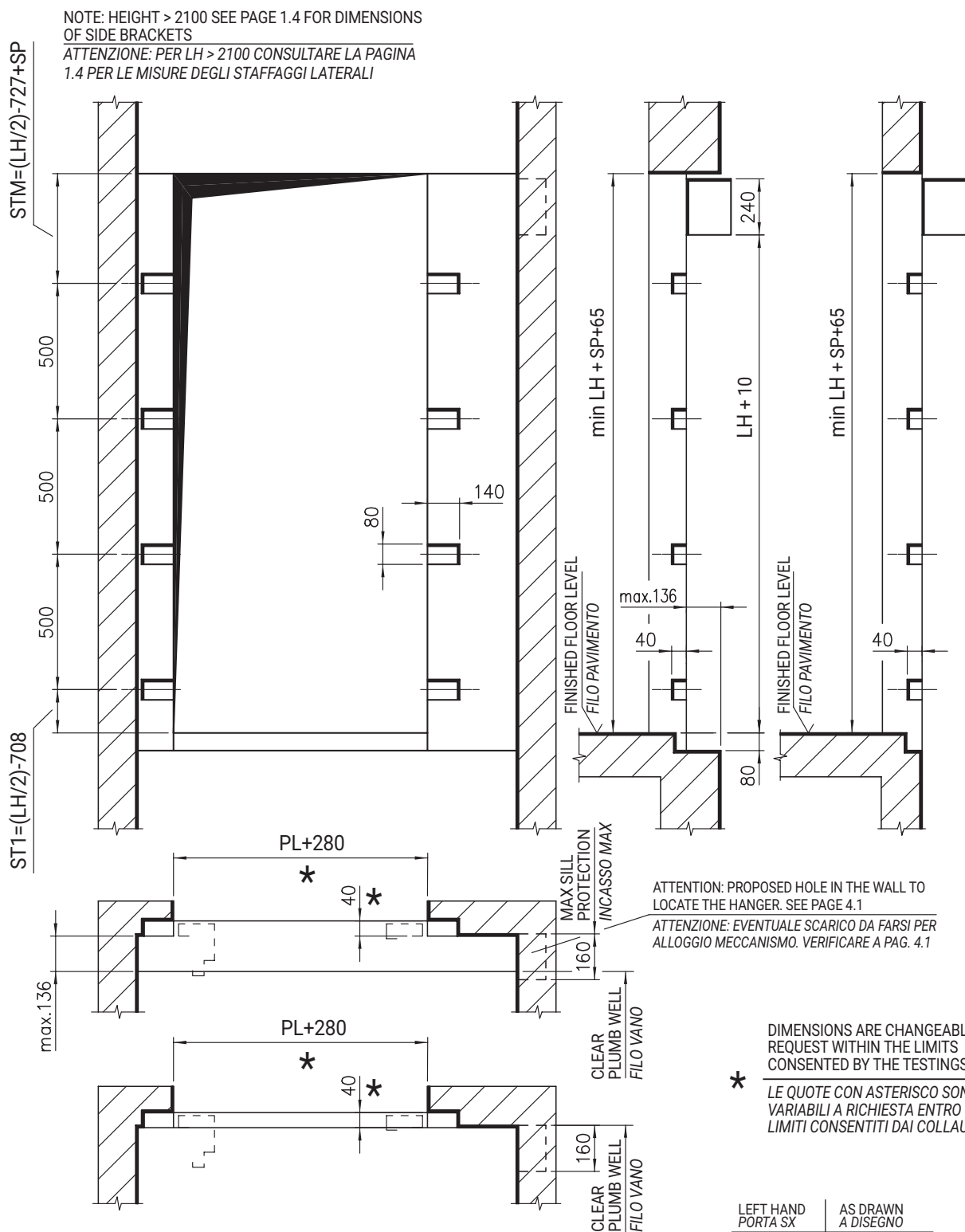
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Version/Versione /

Code/Codice 3201.30.0600V03
Version/Versione A

Date/Data 12.10.2010
Page/Pagina 4.1.1

SHAFT WALL FOR THREE PANELS CLASS "E" FIRE-RESISTANT TELESCOPIC DOOR, TYPE 31/R/L

VANO MURATURA PER PORTA 3 ANTE TELESCOPICA RESISTENTE AL FUOCO CLASSE "E", TIPO 31/R/L



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

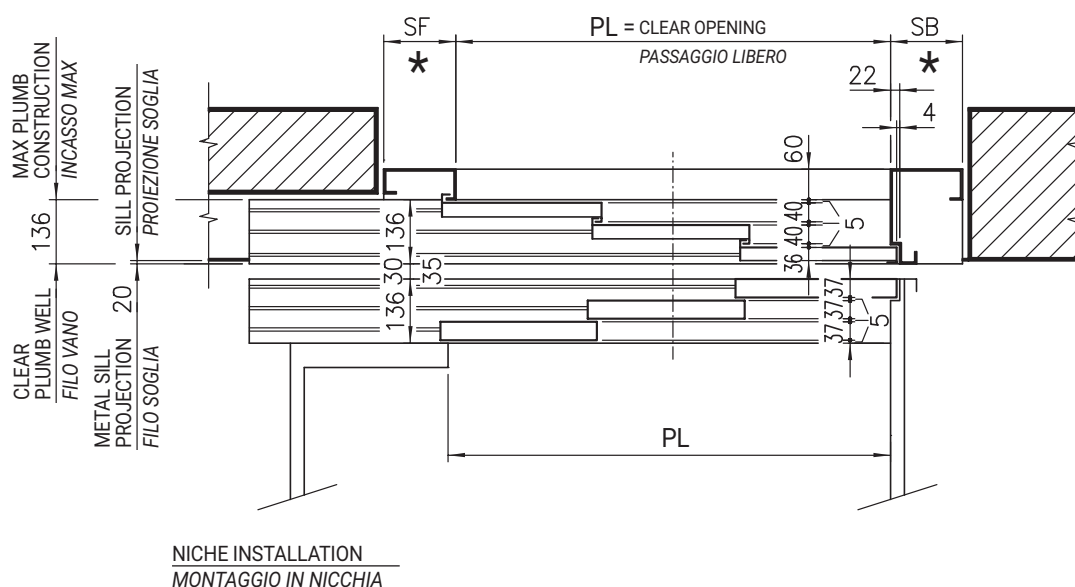
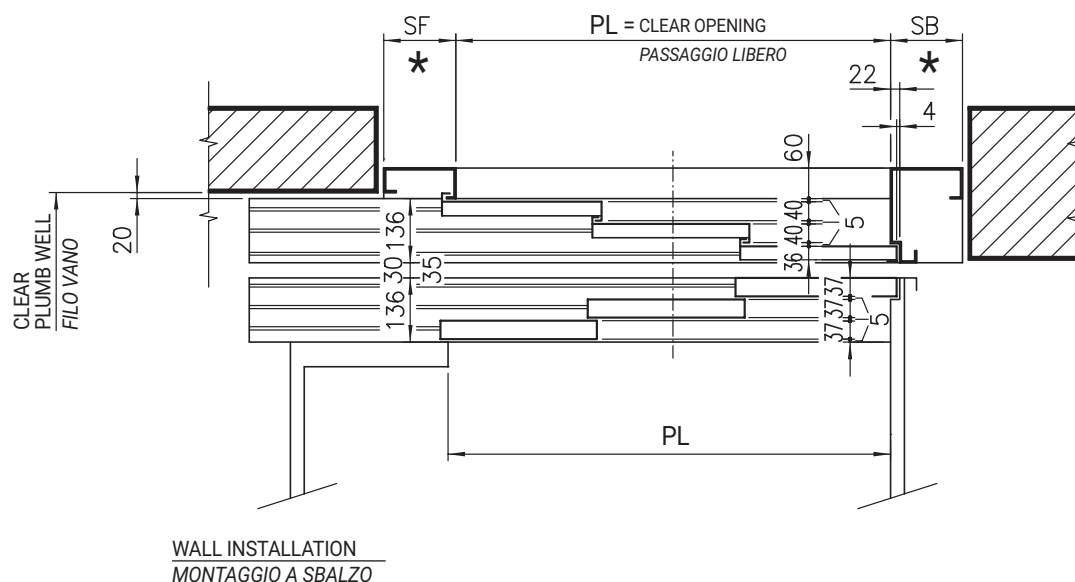
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Version/Versione /

Code/Codice 3201.30.0600V03
Version/Versione B

Date/Data 12.10.2010
Page/Pagina 4.2

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"



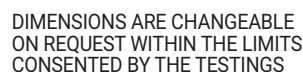
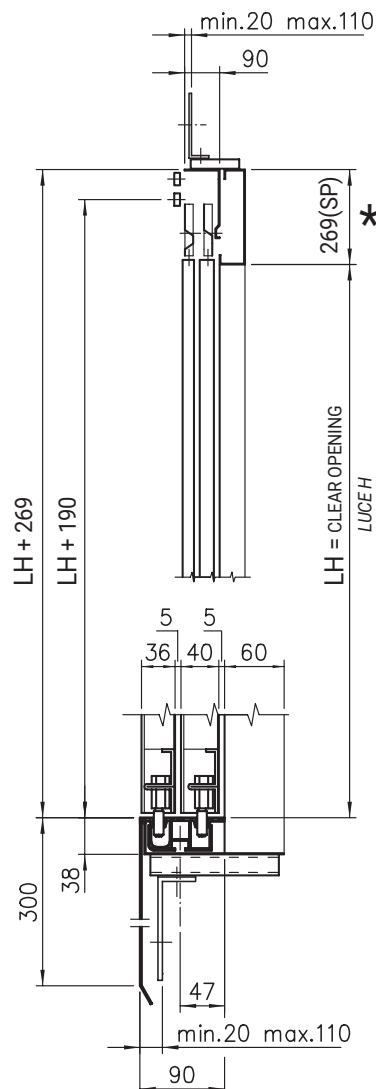
DIMENSIONS ARE CHANGEABLE
ON REQUEST WITHIN THE LIMITS
CONSENTED BY THE TESTINGS

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

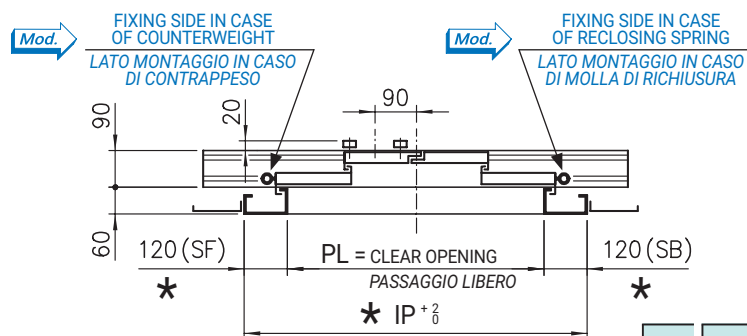
LEFT HAND PORTA SX	AS DRAWN A DISEGNO
RIGHT HAND PORTA DX	SYMMETRICALLY OPPOSITE SIMMETRICA

Date/Data 10.10.2017
Page/Pagina 5.1

PORTA DI PIANO 4 ANTE OPPOSITE RESISTENTI AL FUOCO CLASSE "E"



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



CO	Reclosing spring <i>Molla di richiusura</i>	Cuounterweight <i>Contrappeso</i>
<800	M1 = 35, M2 = 0	M1 = 0, M2 = 70 (on request) (a richiesta)
≥800	/	M1 = 0, M2 = 70

PL	GW	WS	Standard Hangers <i>Meccanismi Standard</i>		Strengthened Hangers <i>Meccanismi Rinforzati</i>		PL	600 ÷ 1150	E120 E90 E60 E30
			GM	AS	GM	AS			
600	990	1000		1050	1105	/	LH	1900 ÷ 2200	
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	SB	50 ÷ 750	
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	SF	50 ÷ 750	
1150	1815	1725		1805	1855	92			

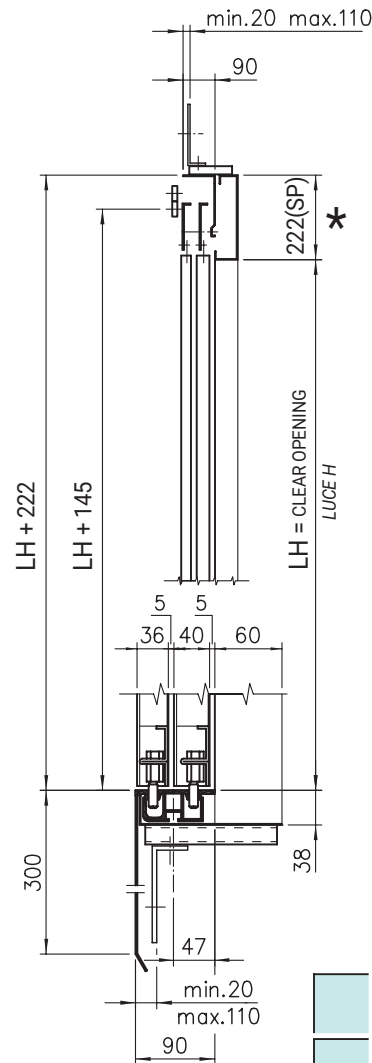
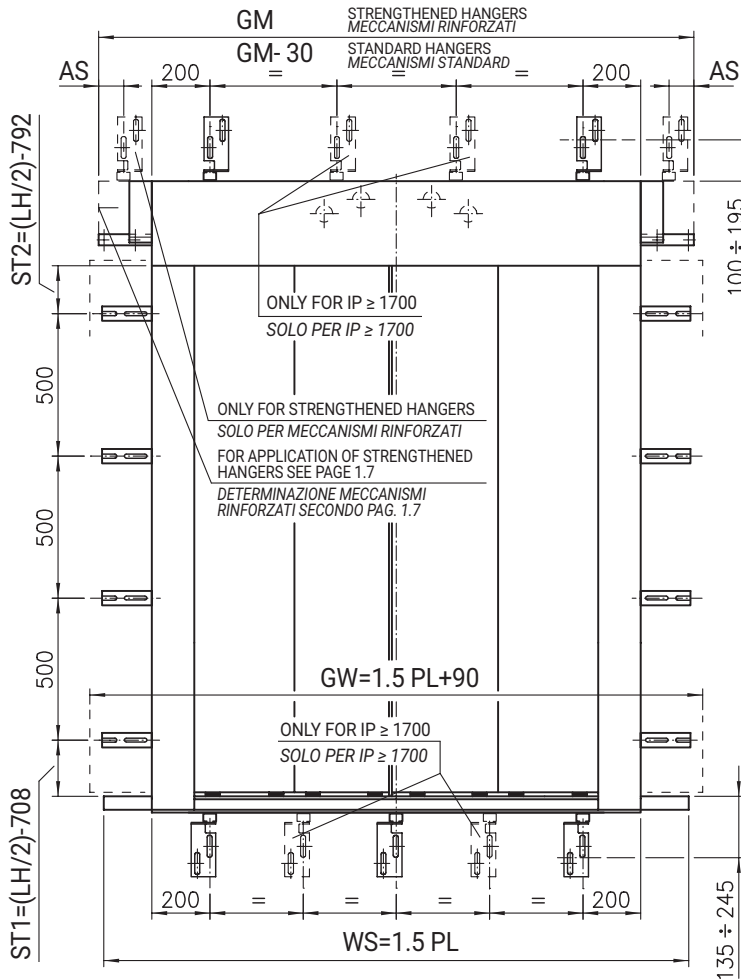
AUTOMATIC DOORS SERIES 3201-HYDRA PORTE AUTOMATICHE SERIE 3201-HYDRA

Code/Codice **TC.2.001983.EN**
Version/Versione **A**

Code/Codice **3201.30.0600V03**
Version/Versione **D**

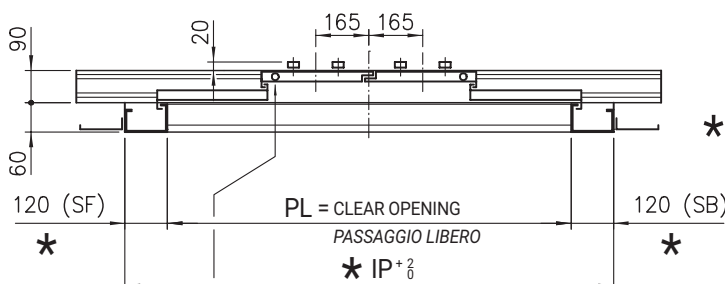
Date/Data **10.10.2017**
Page/Pagina **5.1.1**

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



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 EQUIPPED WITH INTUMESCENT SEALS

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

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

CLOSING SPRING
MOLLA DI RICHIUSURA

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
1200	1950	1890	1800	140
1250	2000	1965	1875	165
1300	2050	2040	1950	190
1350	2100	2115	2025	215
1400	2220	2190	2100	55
1450	2270	2265	2175	80
1500	2420	2340	2250	155
1550	2470	2415	2325	180
1600	2520	2490	2400	205
1650	2570	2565	2475	230
1700	2620	2640	2550	55
1750	2740	2715	2625	115
1800	2850	2790	2700	170
1850	2900	2865	2775	195

PL	GM	GW	WS	As
1900	2950	2940	2850	220
1950	3000	3015	2925	245
2000	3140	3090	3000	115
2050	3190	3165	3075	140
2100	3240	3240	3150	165
2150	3340	3315	3225	215
2200	3390	3390	3300	215
2250	3540	3465	3375	290
2300	3590	3540	3450	115
2350	3640	3615	3525	140
2400	3750	3690	3600	170
2450	3800	3765	3675	195
2500	3850	3840	3750	220
2550	3900	3915	3825	245

PL	GM	GW	WS	As
2600	3990	3990	3900	60
2650	4140	4065	3975	135
2700	4190	4140	4050	100
2750	4240	4215	4125	125
2800	4290	4290	4200	150
2850	4440	4365	4275	120
2900	4490	4440	4350	145
2950	4540	4515	4425	170
3000	4590	4590	4500	120
3050	4740	4665	4575	195
3100	4790	4740	4650	120
3150	4840	4815	4725	145
3200	4890	4890	4800	120

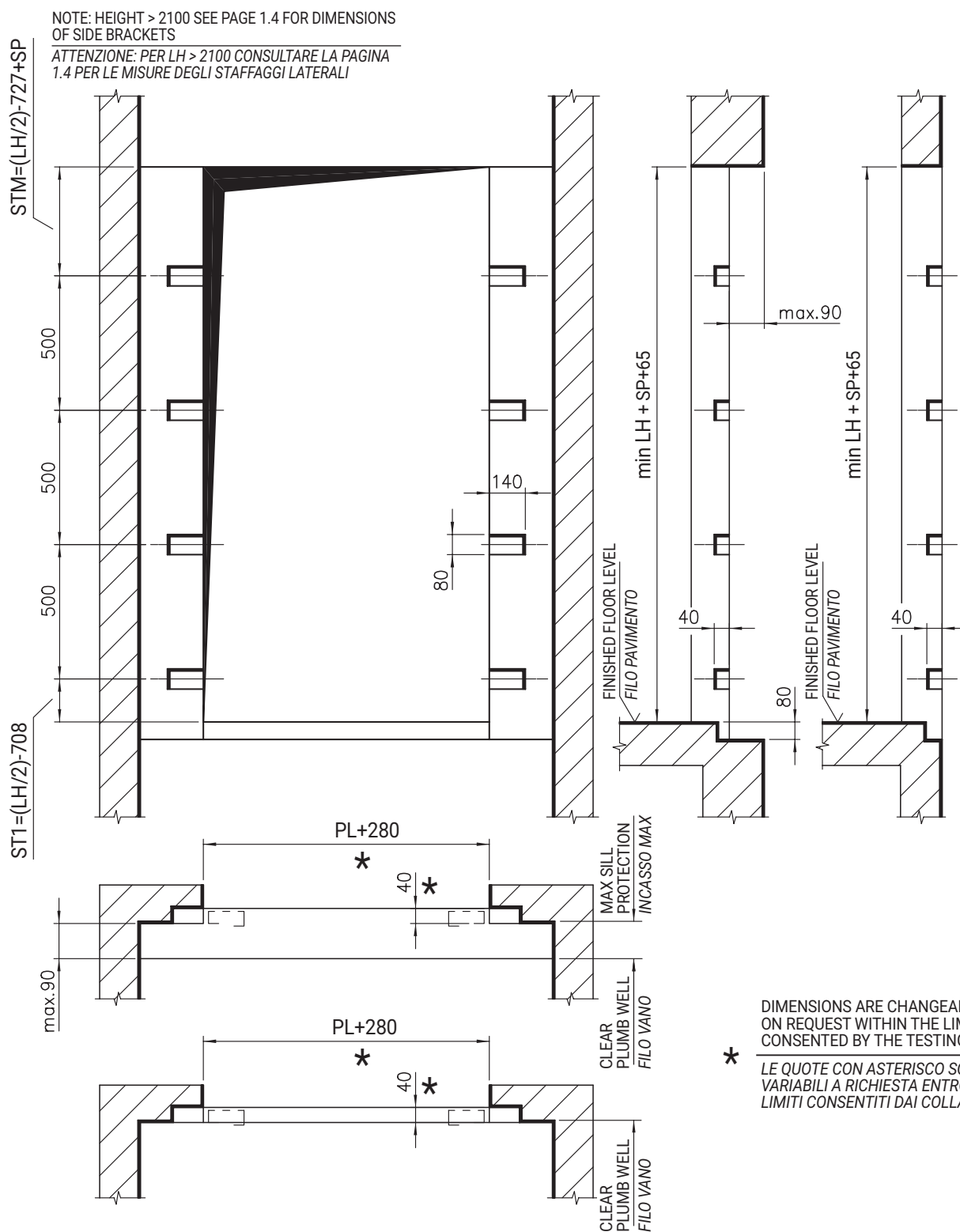
AUTOMATIC DOORS SERIES 3201-HYDRA PORTE AUTOMATICHE SERIE 3201-HYDRA

Code/Codice TC.2.001983.EN
Version/Versione /

Code/Codice 3201.30.0600V03
Version/Versione A

Date/Data 12.10.2010
Page/Pagina 5.1.2

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



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

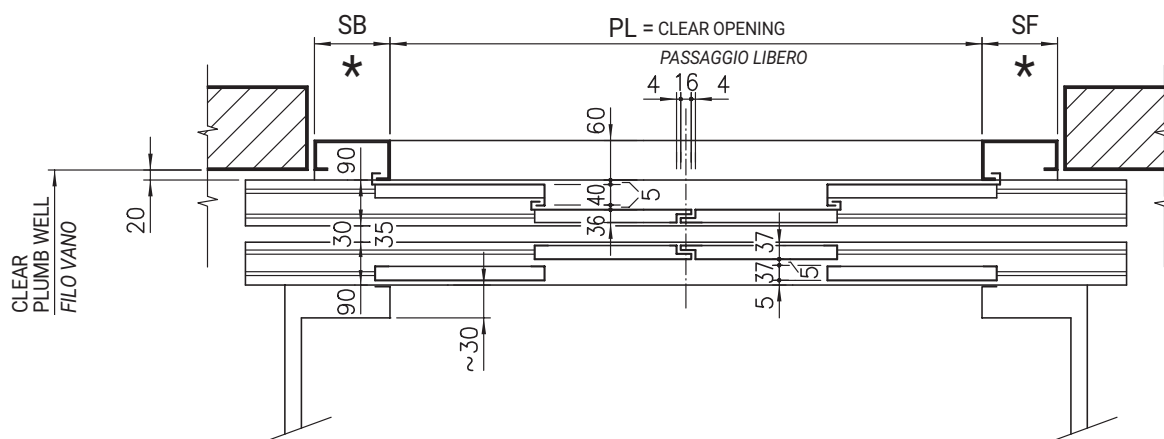
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Version/Versione /

Code/Codice 3201.30.0600V03
Version/Versione B

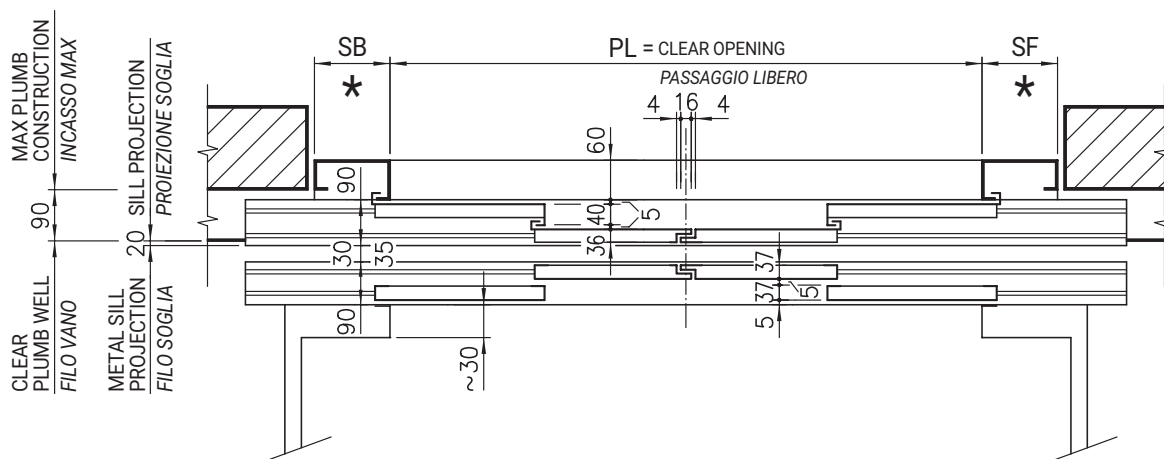
Date/Data 12.10.2010
Page/Pagina 5.2

ARRANGEMENT FOR FOUR PANELS CLASS "E" FIRE-RESISTANT CENTRE PARTING LANDING DOOR, TYPE 41-42/C 43-44/R

ACCOPPIAMENTO PER PORTA DI PIANO 4 ANTE OPPOSITE RESISTENTI 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

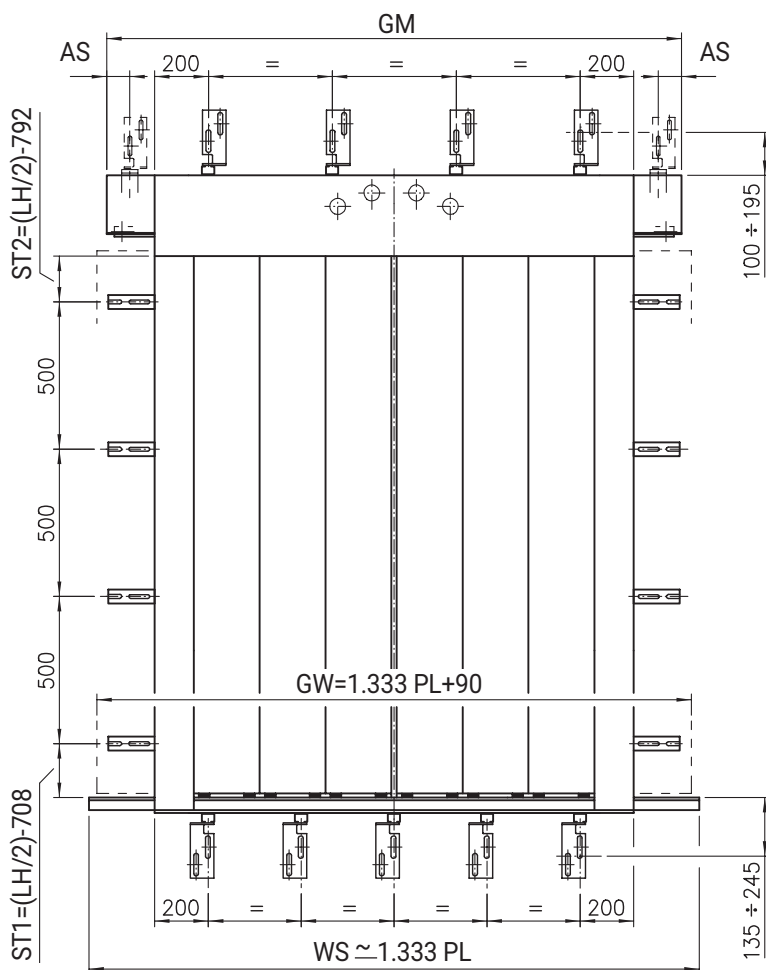
AUTOMATIC DOORS SERIES 3201-HYDRA PORTE AUTOMATICHE SERIE 3201-HYDRA

Code/Codice **TC.2.001983.EN**
Version/Versione **A**

Code/Codice **3201.30.0600V03**
Version/Versione **D**

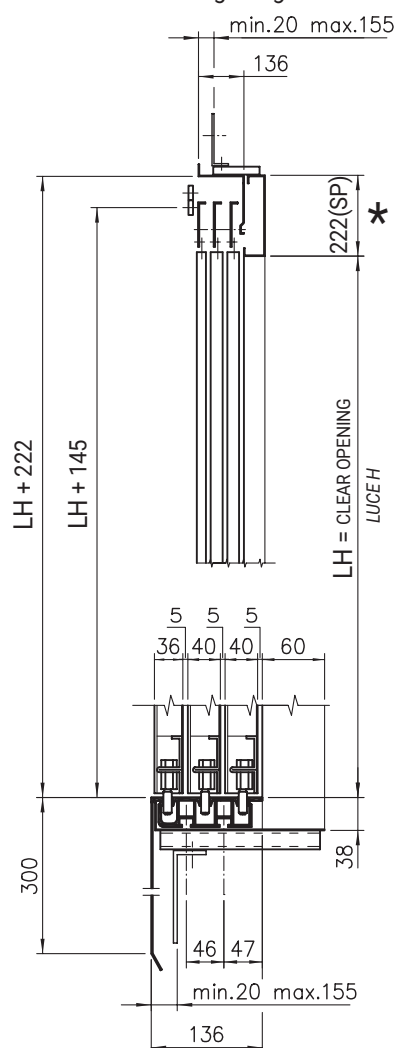
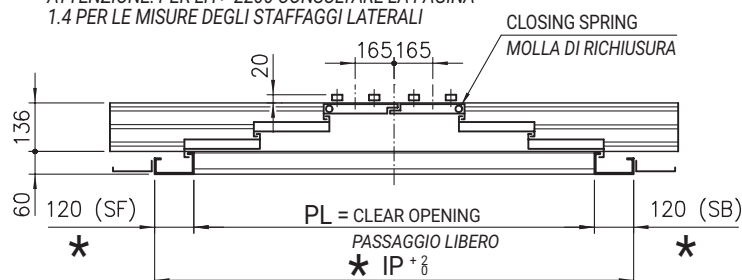
Date/Data **10.10.2017**
Page/Pagina **6.1.1**

SIX PANELS CLASS "E" FIRE-RESISTANT CENTRE PARTING LANDING DOOR, TYPE 61/C PL=1500÷3200
PORTA DI PIANO 6 ANTE OPPOSITE RESISTENTI AL FUOCO CLASSE "E"



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 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

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	2100	2222	120	2500	3420	3300	3422	120
1650	2350	2200	2290	145	2550	3470	3400	3490	145
1700	2400	2250	2356	120	2600	3520	3450	3556	120
1750	2450	2300	2422	145	2650	3570	3500	3622	145
1800	2500	2400	2490	120	2700	3620	3550	3690	120
1850	2550	2450	2556	145	2750	3670	3600	3756	145
1900	2600	2500	2622	120	2800	3720	3650	3822	120
1950	2650	2550	2688	145	2850	3770	3700	3888	145
2000	2700	2600	2754	120	2900	3820	3750	3954	120
2050	2750	2650	2820	145	2950	3870	3800	4020	145
2100	2800	2700	2886	120	3000	3920	3850	4086	120
2150	2850	2750	2952	145	3050	3970	3900	4152	145
2200	2900	2800	3018	120	3100	4020	3950	4218	120
2250	2950	2850	3084	145	3150	4070	4000	4284	145
2300	3000	2900	3150	120	3200	4120	4050	4350	120
2350	3050	2950	3216	145					

	DIMENSIONS DIMENSIONI	CLASS CLASSE
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 /

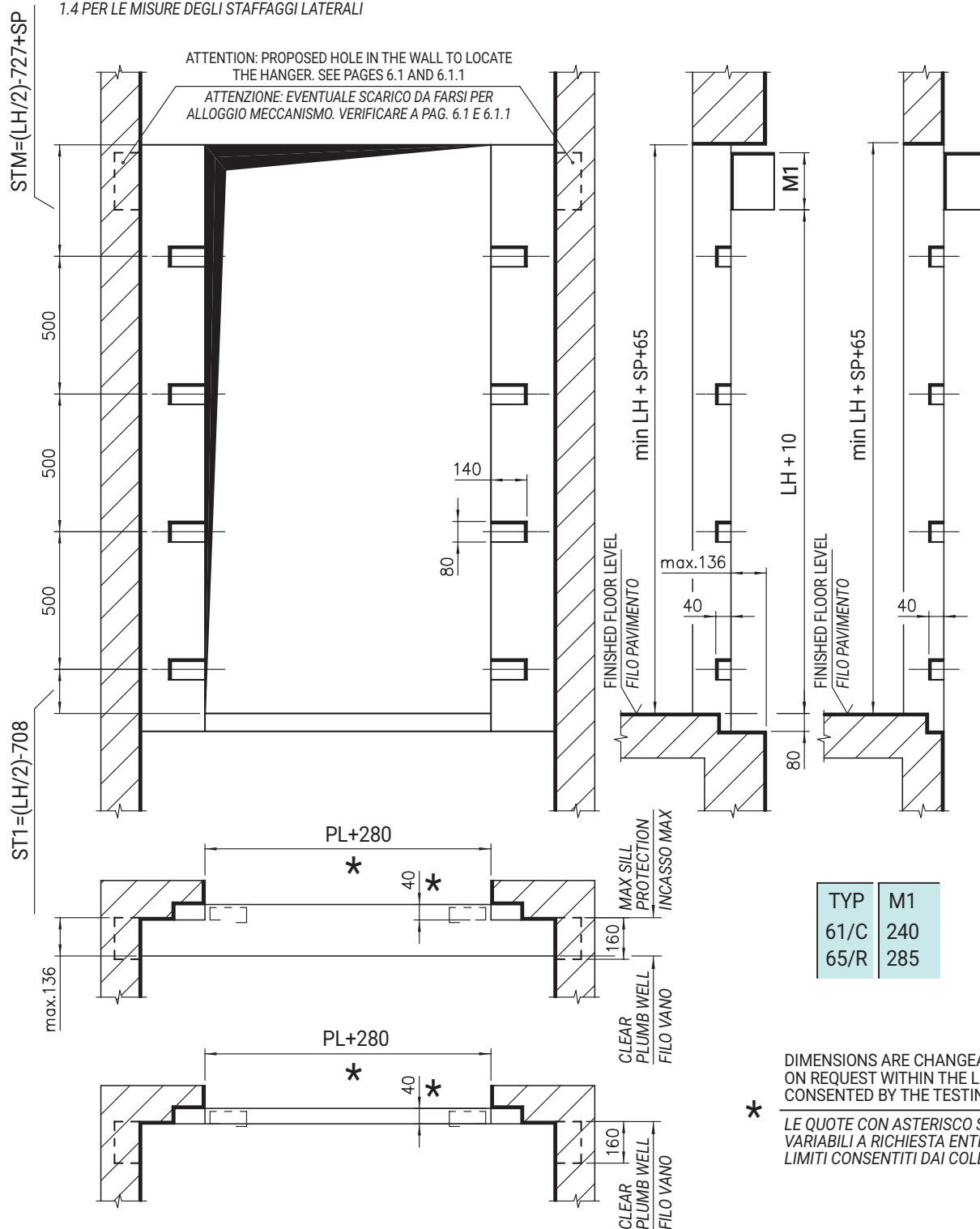
Code/Codice 3201.30.0600V03
Version/Versione A

Date/Data 12.10.2010
Page/Pagina 6.1.2

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

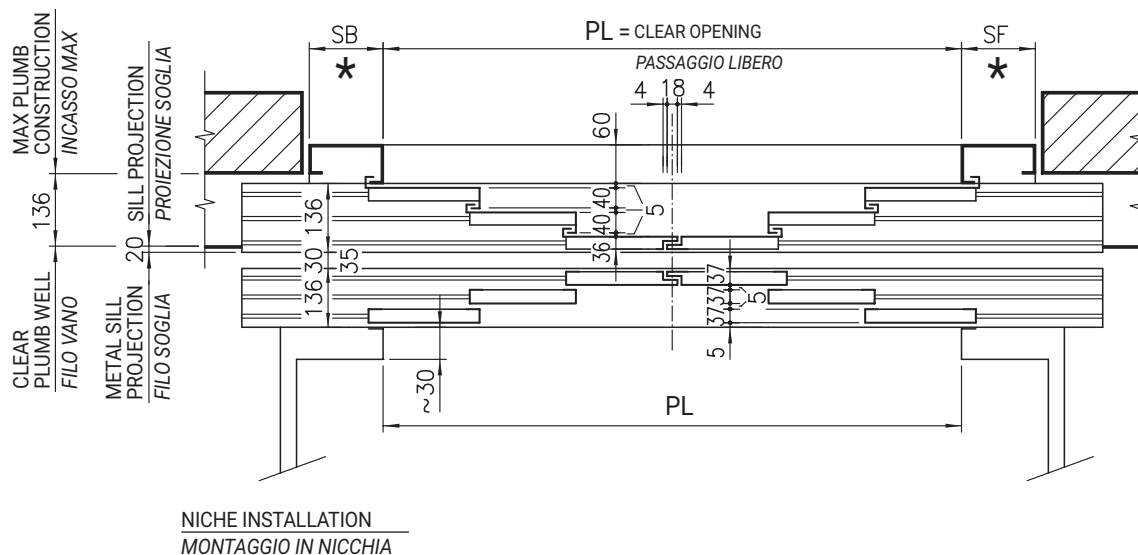
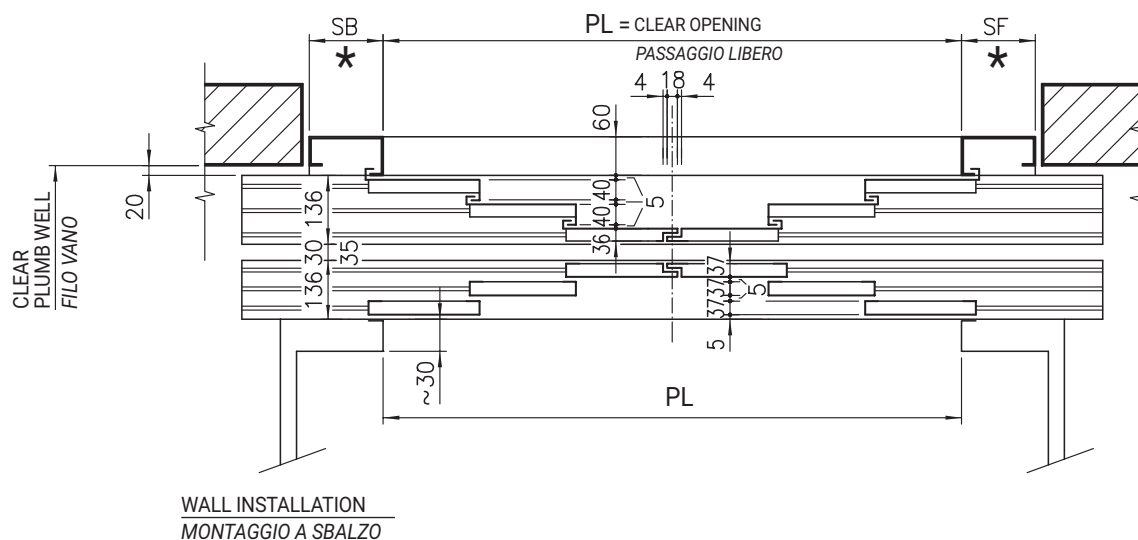
ATTENZIONE: PER LH > 2100 CONSULTARE LA PAGINA
1.4 PER LE MISURE DEGLI STAFFAGGI LATERALI



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

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"

Code/Codice	TC.2.001983.EN
Version/Versione	/
Code/Codice	3201.30.0600V03
Version/Versione	B
Date/Data	12.10.2010
Page/Pagina	6.2



DIMENSIONS ARE CHANGEABLE
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LE QUOTE CON ASTERISCO SONO
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LIMITI CONSENTITI DAI COLLAUDI

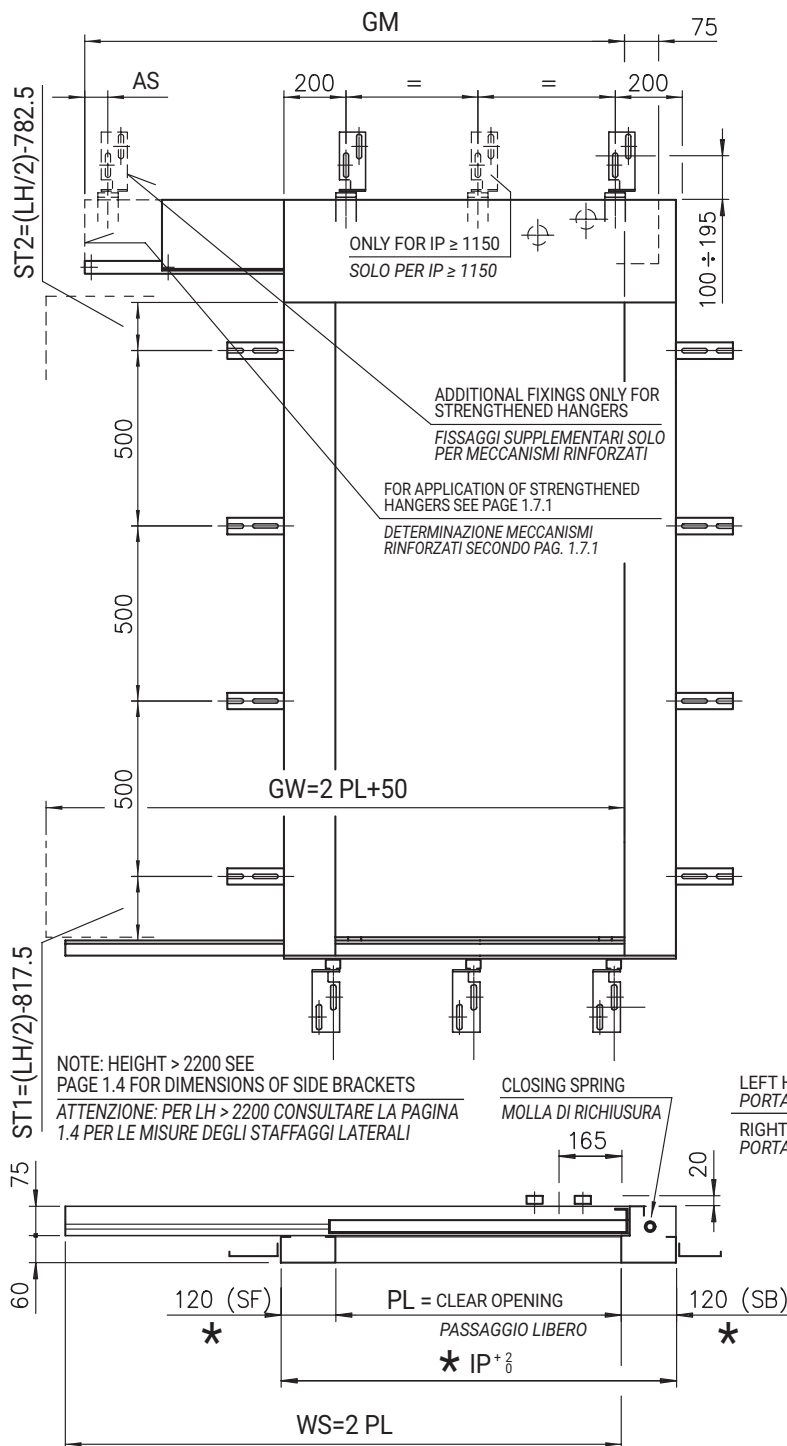
AUTOMATIC DOORS SERIES 3201-HYDRA PORTE AUTOMATICHE SERIE 3201-HYDRA

Code/Codice **TC.2.001983.EN**
Version/Versione **A**

Code/Codice **3201.30.0600V03**
Version/Versione **D**

Date/Data **10.10.2017**
Page/Pagina **7.1**

ONE PANEL CLASS "E" FIRE-RESISTANT LANDING DOOR, TYPE 71/R-L PL=600÷1400
PORTA DI PIANO 1 ANTA SCORREVOLE RESISTENTE AL FUOCO CLASSE "E"



LEFT HAND PORTA SX
RIGHT HAND PORTA DX
AS DRAWN A DISEGNO
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

* 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	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 DIMENSIONI	CLASS CLASSE
PL	600 ÷ 1400	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

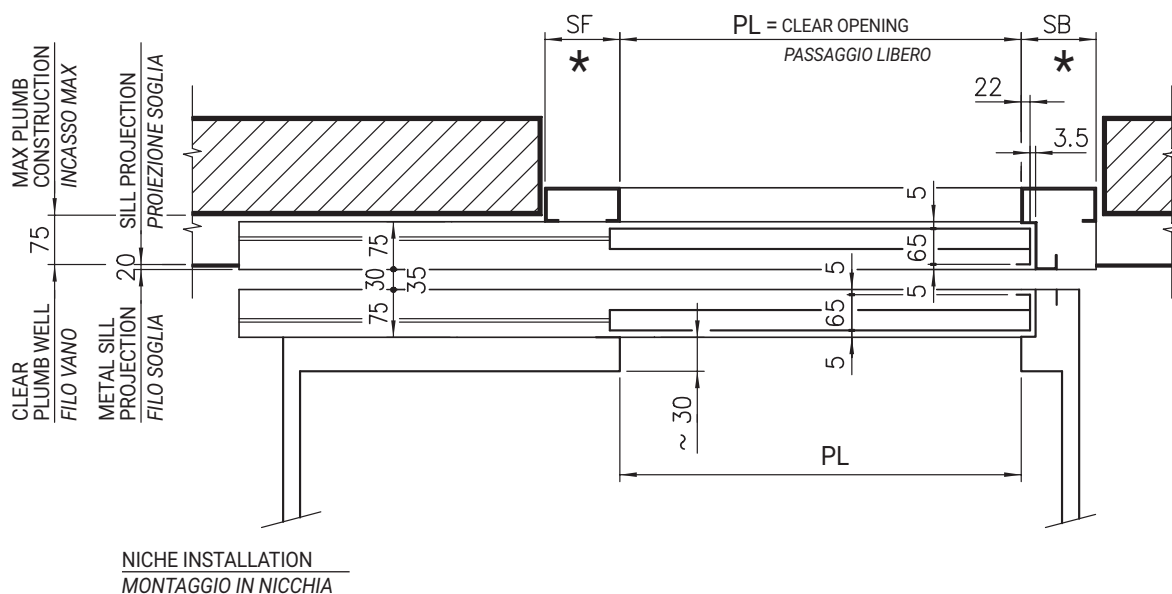
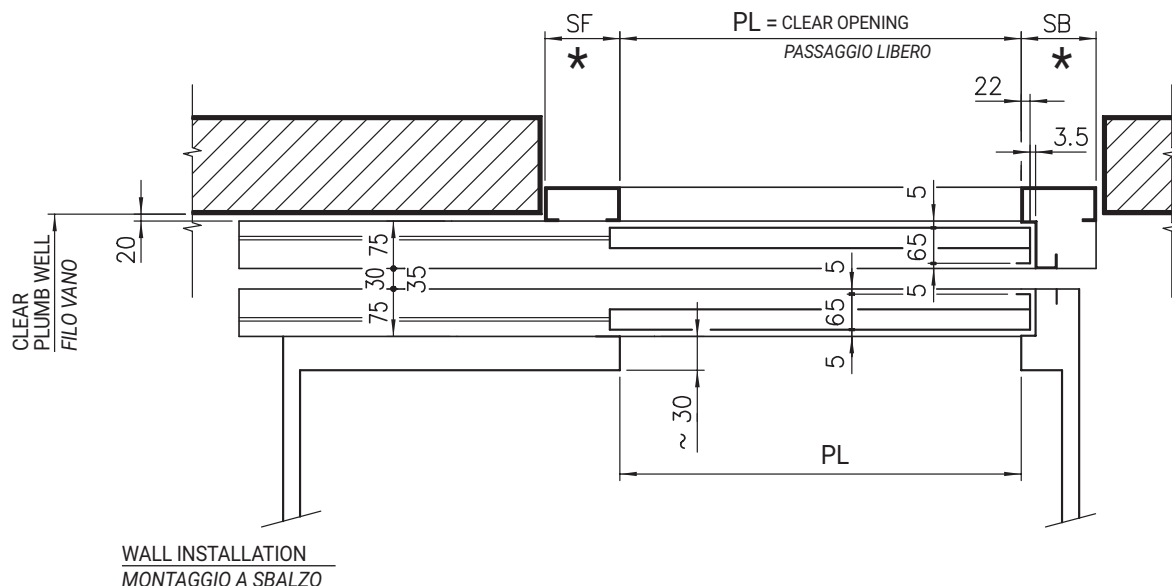
Code/Codice TC.2.001983.EN
Version/Versione /

Code/Codice 3201.30.0600V03
Version/Versione B

Date/Data 12.10.2010
Page/Pagina 7.2

ARRANGEMENT FOR ONE PANEL CLASS "E" FIRE-RESISTANT DOOR, TYPE 71-72/R-L

ACCOPIAMENTO PER PORTA AD 1 ANTA RESISTENTE AL FUOCO CLASSE "E"



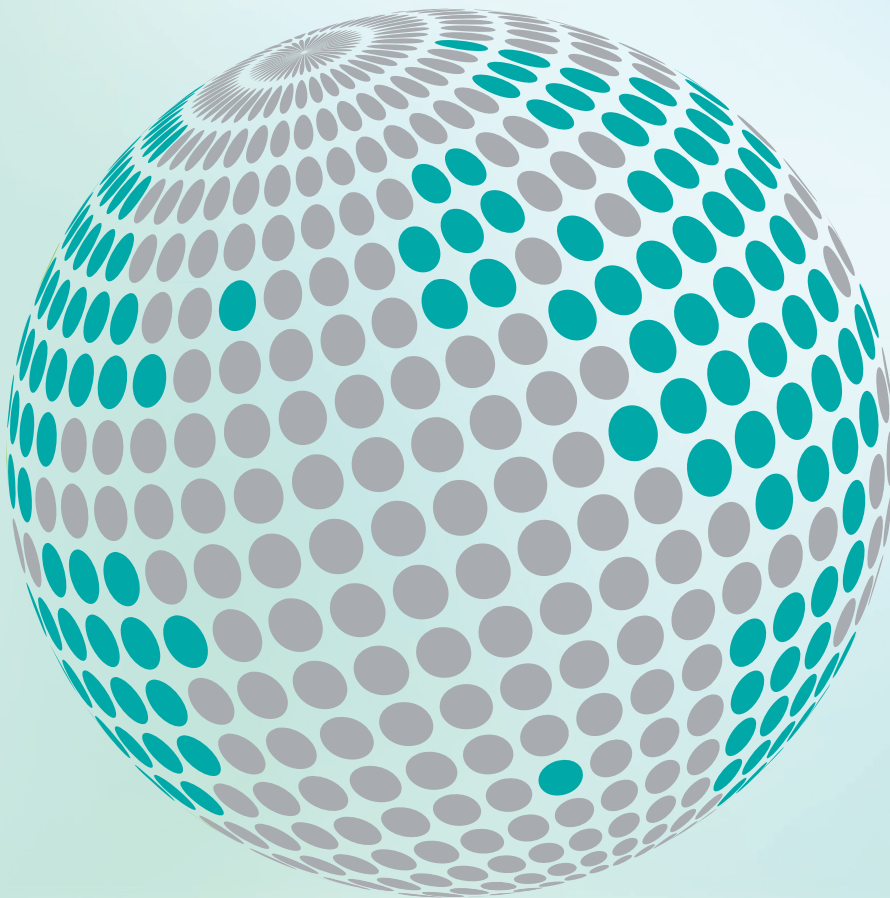
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LEFT HAND PORTA SX	AS DRAWN A DISEGNO
RIGHT HAND PORTA DX	SYMMETRICALLY OPPOSITE SIMMETRICA



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