

CATALOGO TECNICO ARCATE
CAR FRAME TECHNICAL CATALOGUE

IDRAULICHE
HYDRAULIC

A FUNE
ROPES

CONTRAPPESI & ACCESSORI
COUNTERWEIGHTS & ACCESSORIES

CAR FRAMES
ARCATE

CT.TEC.001 ed.3

3	Revisione completa Capitolo 2 (Arcate a fune)	20.04.2005
	Aggiunti contrappesi CP13 & CPT13 (pag. 3.4 & 3.5)	
	<i>Complete revision Chapter 2 (Rope car frames)</i>	
	<i>CP13 & CPT13 Counterweight frames added (page 3.4 & 3.5)</i>	
2	Revisione generale	25.01.2005
	<i>General revision</i>	
1	Revisione generale	07.10.2004
	<i>General revision</i>	
MOD.	DESIGNATION	DATE

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Cod.	CT.TEC.001
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Data/date	20.04.2005
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ARCATE IDRAULICHE *HYDRAULIC CAR FRAMES*



GRAFICO PER LA SCELTA DELL'ARCATA CAR FRAME CHOICE GRAPHIC

TIRO 2:1 / SUSPENSION 2:1

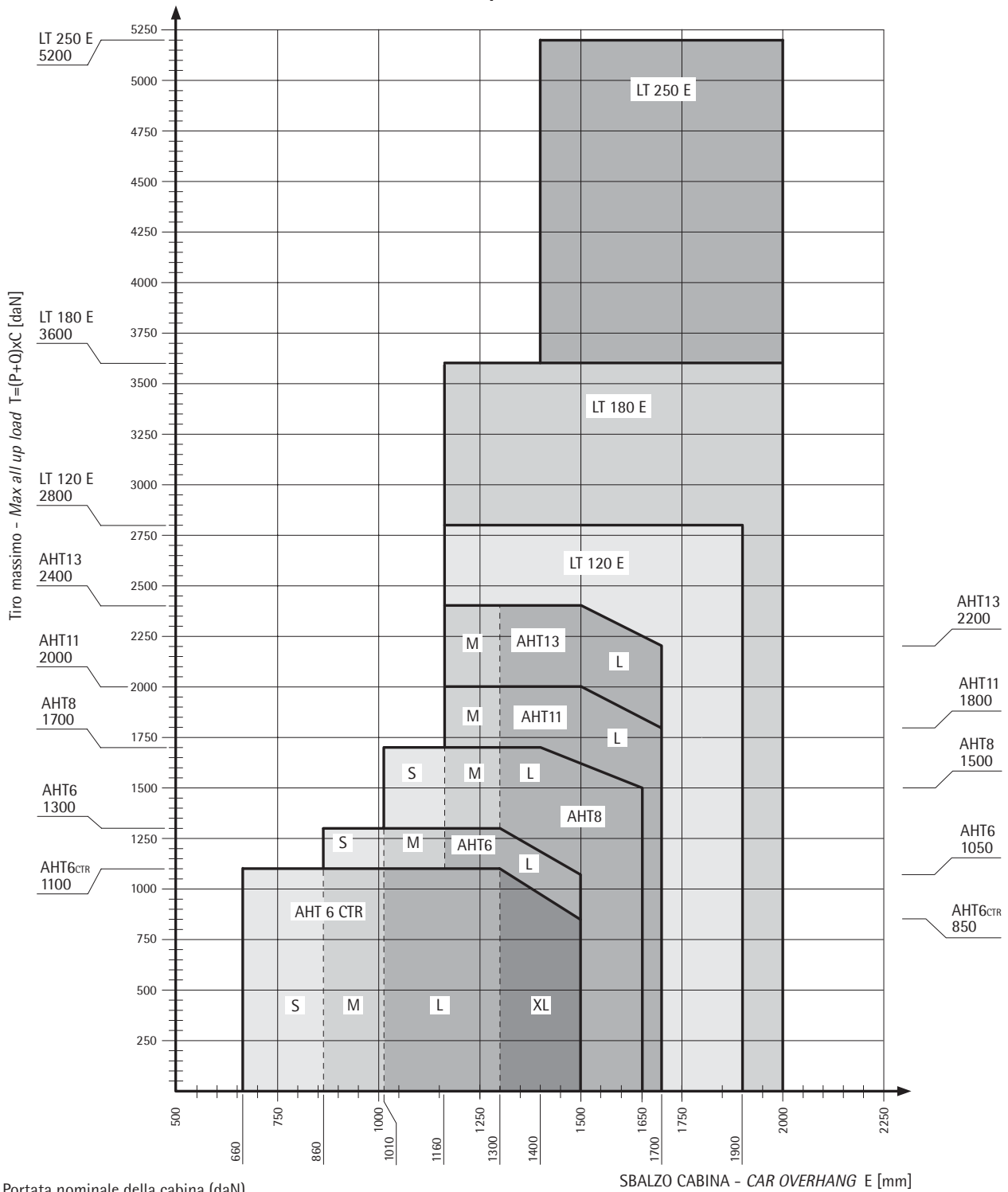
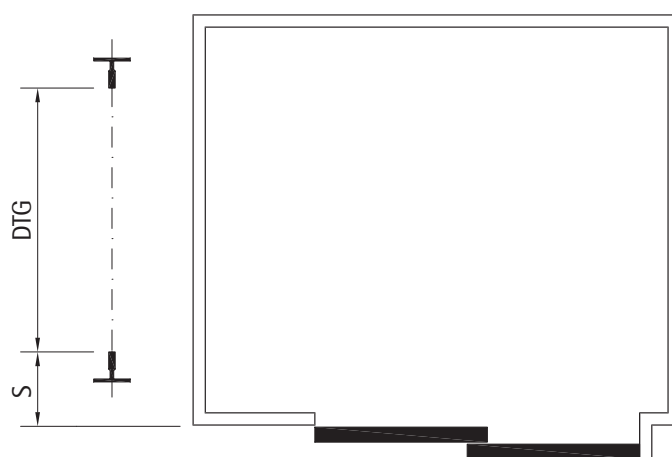


GRAFICO PER LA SCELTA DELL'ARCATA

CAR FRAME CHOICE GRAPHIC

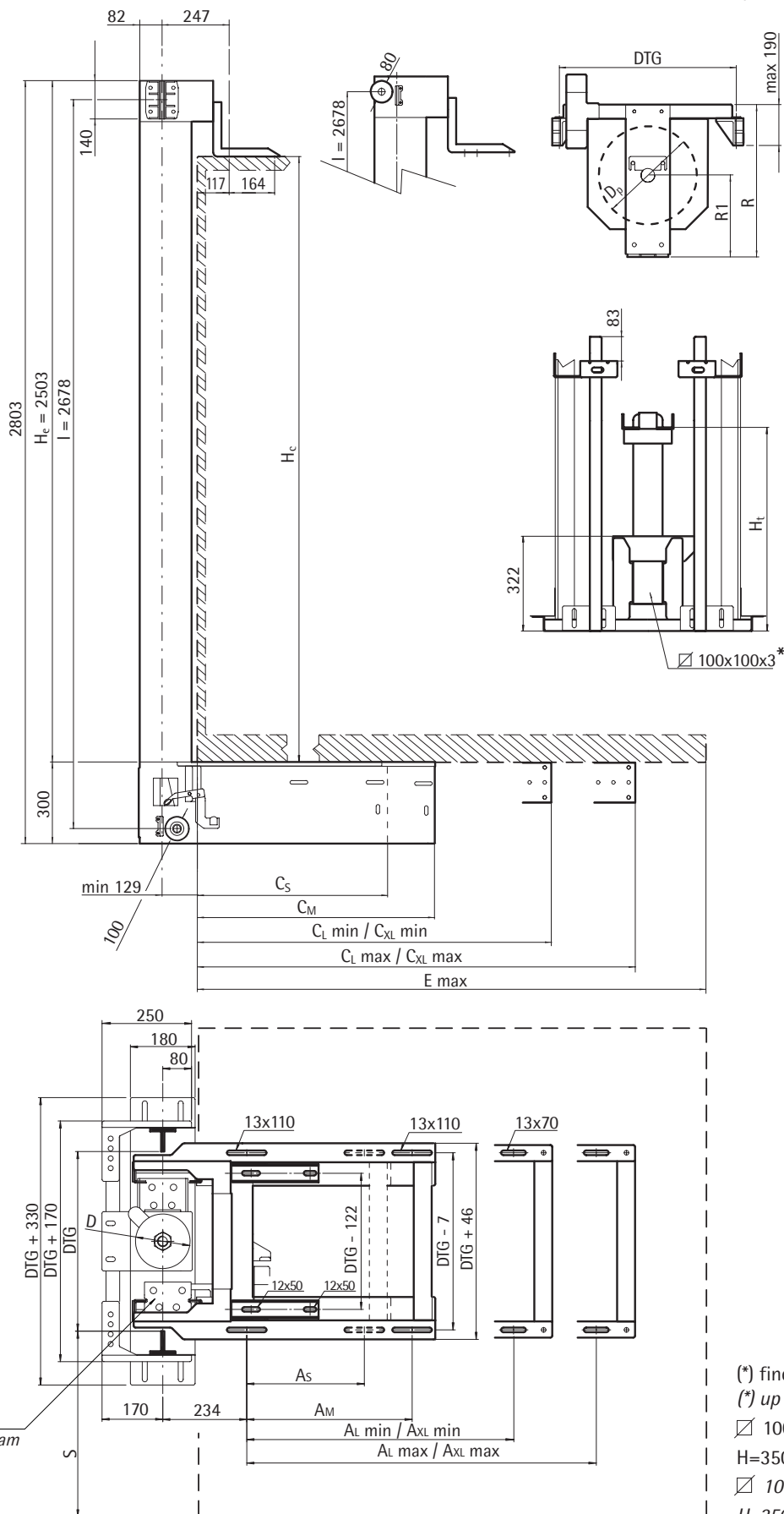
Tabella dei coefficienti di maggiorazione C: se $S > 1/4$ DTG moltiplicare $(P+Q) \times C$ <i>C oversize coefficient table: If $S > 1/4$ DTG multiply $(P+Q) \times C$</i>												
DTG (mm)	S (mm)	200	250	300	350	400	450	500	550	600	650	700
500		1.03	1.08	1.11								
650		1.02	1.04	1.10	1.15				C			
800			1.09	1.18	1.23							
900				1.10	1.19	1.25	1.31					
1050				1.09	1.17	1.23	1.28					
1200					1.09	1.17	1.23	1.28				
1400						1.09	1.17	1.23	1.28			
1600							1.09	1.17	1.23	1.28		



ARCATA IDRAULICA IN TAGLIA 2:1 A SCARTAMENTO RIDOTTO
NARROW-GAUGE HYDRAULIC CAR FRAME SUSPENSION 2:1

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AHT 6 CTR



(*) fino a $H = 3500 \text{ mm}$

(*) up to $H = 3500 \text{ mm}$

$\square 100 \times 100 \times 4$ da

$H = 3501 \text{ mm}$ a $H = 4000 \text{ mm}$

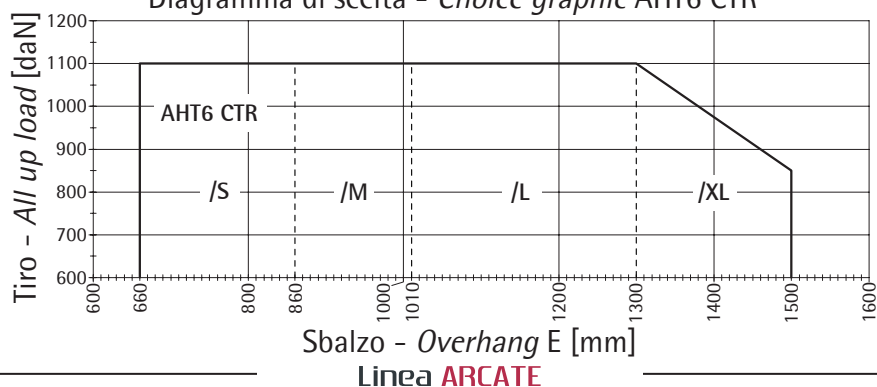
$\square 100 \times 100 \times 4$ from

$H = 3501 \text{ mm}$ to $H = 4000 \text{ mm}$

AHT 6 CTR

			AHT6 CTR500	AHT6 CTR650
DTG	Distanza fra le guide <i>Distance between guides</i>	mm mm mm	std 500 min 500 max 600	std 650 min 650 max 700
C _S	Sbalzo mensola corta (AHT/S) <i>Short console overhanging (AHT/S)</i>	mm	660	
C _M	Sbalzo mensola std (AHT/M) <i>Std console overhanging (AHT/M)</i>	mm	850	
C _L	Sbalzo con prolunga (AHT/L) <i>Overhang with prolongation (AHT/L)</i>	mm mm	min 1000 max 1290	
C _{XL}	Sbalzo con prolunga (AHT/XL) <i>Overhang with prolongation (AHT/XL)</i>	mm mm	min 1050 max 1480	
E	Sbalzo cabina <i>Elevator car overhanging</i>	mm	max 1500	
A _S	Interasse asole mensola corta (AHT/S) <i>Distance between short console slots (AHT/S)</i>	mm	490	
A _M	Interasse asole mensola std (AHT/M) <i>Distance between std console slots (AHT/M)</i>	mm	680	
A _L	Interasse asole mensola con prolunga (AHT/L) <i>Distance betw. console slots w/ prolongation (AHT/L)</i>	mm mm	min 780 max 1130	
A _{XL}	Interasse asole mensola con prolunga (AHT/XL) <i>Distance betw. console slots w/ prolongation (AHT/XL)</i>	mm mm	min 880 max 1270	
H _c	Altezza esterna cabina <i>External car height</i>	mm mm	min 2190 max 2330	
H _t	Altezza pilastrino <i>Pillar height</i>	mm mm	std 3000 max 3500	
R	Altezza arcatina std <i>Std cross beam height</i>	mm	500	540
R1	Posizione puleggia arcatina <i>Cross beam pulley position</i>	mm	260	280
S	Sporgenza laterale cabina <i>Elevator car side overhanging</i>	mm	max: Vedi tab. 1 pag. 1.3 See table 1 page 1.3	
D	Diametro testa cilindro <i>Cylinder head diameter</i>	mm	max 191	
D _p	Diametro puleggia std <i>Std pulley diameter</i>	mm	320	360
z	Numero gole puleggia <i>Number of pulley grooves</i>	-	4	
d	Diametro funi <i>Rope diameter</i>	mm	8	8-9
v	Velocità impianto <i>Installation speed</i>	m/s	0.63	
M _S	Massa arcata AHT CTR/S <i>Car frame mass AHT CTR/S</i>	kg	104	108
M _M	Massa arcata AHT CTR/M <i>Car frame mass AHT CTR/M</i>	kg	109	113
M _L	Massa arcata AHT CTR/L <i>Car frame mass AHT CTR/L</i>	kg	121	126
M _{XL}	Massa arcata AHT CTR/XL <i>Car frame mass AHT CTR/XL</i>	kg	124	126
M _a	Massa arcatina std <i>Std cross beam mass</i>	kg	37	41
Tipo guide / Guide type		mm	70x70x8; 80x80x9; 90x75x16	

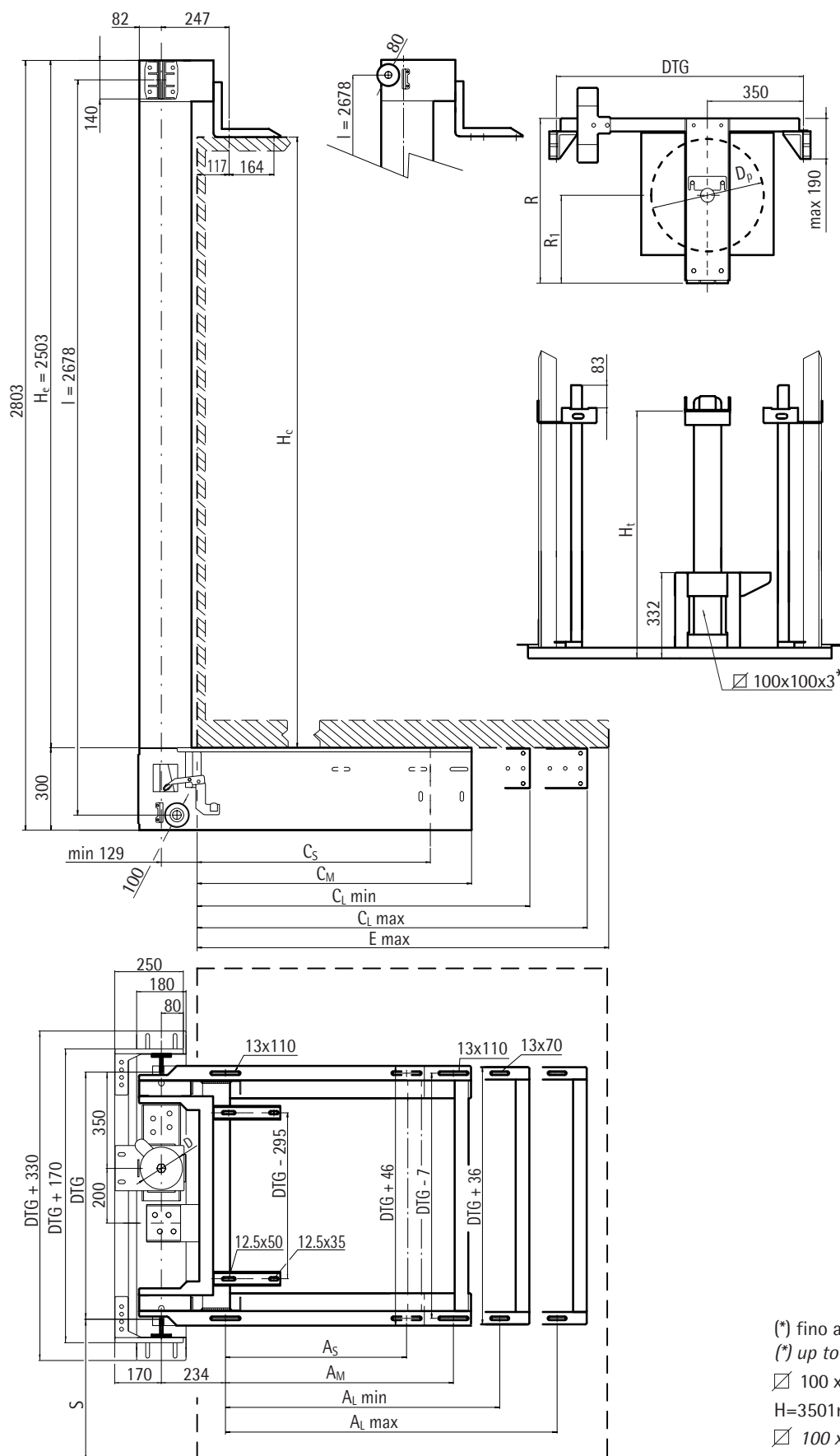
Diagramma di scelta - Choice graphic AHT6 CTR



ARCATA IDRAULICA IN TAGLIA 2:1
HYDRAULIC CAR FRAME SUSPENSION 2:1

AHT 6-8

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(*) fino a $H = 3500\text{mm}$

(*) up to $H = 3500\text{mm}$

$\varnothing 100 \times 100 \times 4$ da

$H=3501\text{mm}$ a $H=4000\text{mm}$

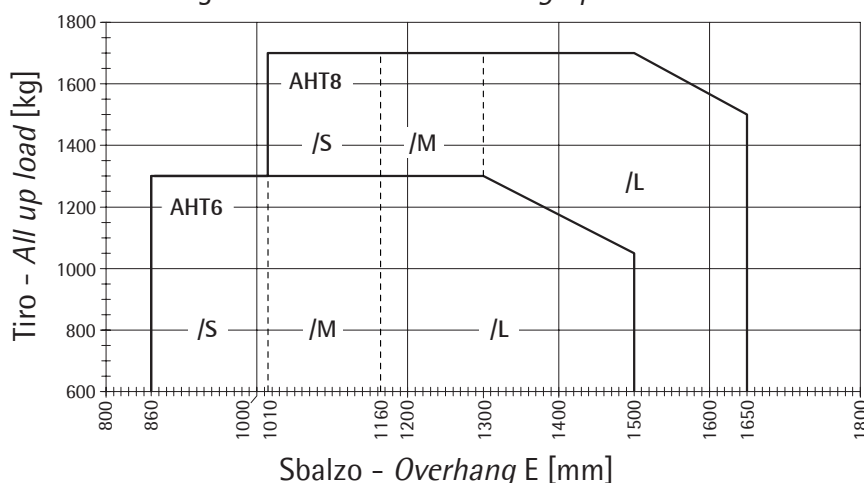
$\varnothing 100 \times 100 \times 4$ from

$H=3501\text{mm}$ to $H=4000\text{mm}$

AHT 6-8

DTG	Distanza fra le guide <i>Distance between guides</i>	mm mm mm	AHT6		AHT8	
			std 800 min 750 max 1050	std 900	std 900 min 750 max 1200	std 1050
C _S	Sbalzo mensola corta (AHT/S) <i>Short console overhanging (AHT/S)</i>	mm	850		1000	
C _M	Sbalzo mensola std (AHT/M) <i>Std console overhanging (AHT/M)</i>	mm	1000		1150	
C _L	Sbalzo con prolunga (AHT/L) <i>Overhang with prolongation (AHT/L)</i>	mm mm	min 1050 max 1480		min 1200 max 1630	
E	Sbalzo cabina <i>Elevator car overhanging</i>	mm	max 1500		max 1650	
A _S	Interasse asole mensola corta (AHT/S) <i>Distance between short console slots (AHT/S)</i>	mm	660		830	
A _M	Interasse asole mensola std (AHT/M) <i>Distance between std console slots (AHT/M)</i>	mm	830		980	
A _L	Interasse asole mensola con prolunga (AHT/L) <i>Distance betw. console slots w/ prolongation (AHT/L)</i>	mm mm	min 880 max 1270		min 1030 max 1420	
H _e	Altezza esterna cabina <i>External car height</i>	mm mm		min 2190 max 2330		
H _t	Altezza pilastro <i>Pillar height</i>	mm mm		std 3000 max 3500		
R	Altezza arcata std <i>Std cross beam height</i>	mm	540		580	
R ₁	Posizione puleggia arcata <i>Cross beam pulley position</i>	mm	280		300	
S	Sporgenza laterale cabina <i>Elevator car side overhanging</i>	mm	max: Vedi tab. 1 pag. 1.3 See table 1 page 1.3			
D	Diametro testa cilindro <i>Cylinder head diameter</i>	mm	200			
D _p	Diametro puleggia std <i>Std pulley diameter</i>	mm	360		400	
z	Numero gole puleggia <i>Number of pulley grooves</i>	-	4			
d	Diametro funi <i>Rope diameter</i>	mm	8-9		9-10	
v	Velocità impianto <i>Installation speed</i>	m/s	0.63			
M _S	Massa arcata AHT/S <i>Car frame mass AHT/S</i>	kg	120	122	141	145
M _M	Massa arcata AHT/M <i>Car frame mass AHT/M</i>	kg	123	126	145	150
M _L	Massa arcata AHT/L <i>Car frame mass AHT/L</i>	kg	137	140	160	165
M _a	Massa arcata std <i>Std cross beam mass</i>	kg	43	44	48	49
Tipo guide / Guide type		mm	70x70x8; 80x80x9; 90x75x16			

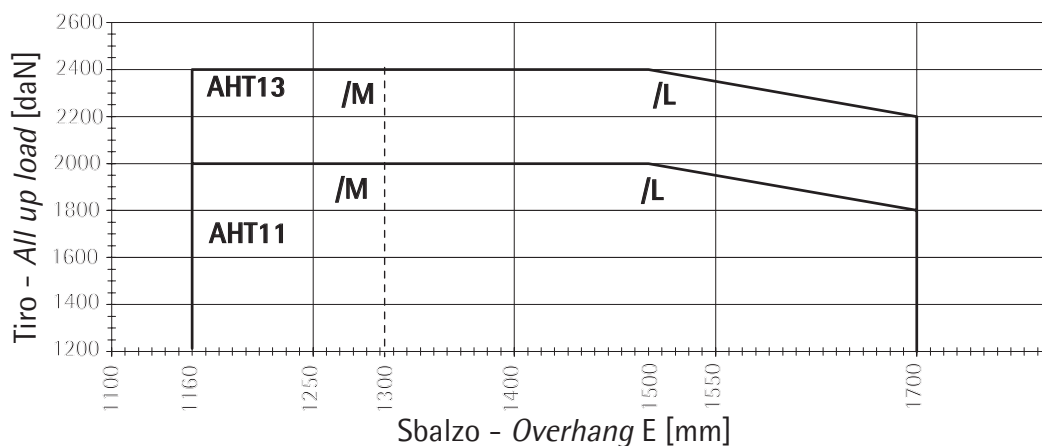
Diagramma di scelta - Choice graphic AHT6-8



AHT 11-13

			AHT11			AHT13		
DTG	Distanza fra le guide <i>Distance between guides</i>	mm mm mm	std 1050	std 1200	std1400	std 1200 min 950 max 1600	std 1400	std1600
C _M	Sbalzo mensola std (AHT/M) <i>Std console overhanging (AHT/M)</i>	mm	1130					
C _L	Sbalzo con prolunga (AHT/L) <i>Overhang with prolongation (AHT/L)</i>	mm mm	min 1195 max 1615					
E	Sbalzo cabina <i>Elevator car overhanging</i>	mm	max 1700					
A _M	Interasse asole mensola std (AHT/M) <i>Distance between std console slots (AHT/M)</i>	mm	980					
A _L	Interasse asole mensola con prolunga (AHT/L) <i>Distance betw. console slots w/ prolongation (AHT/L)</i>	mm mm	min 995 max 1420					
H _c	Altezza esterna cabina <i>External car height</i>	mm mm	min 2200 max 2330					
H _t	Altezza pilastrino <i>Pillar height</i>	mm mm	std 3000 max 3500					
S	Sporgenza laterale cabina <i>Elevator car side overhanging</i>	mm	max: Vedi tab. 1 pag. 1.3 See table 1 page 1.3					
D	Diametro testa cilindro <i>Cylinder head diameter</i>	mm	max 250					
D _p	Diametro puleggia std <i>Std pulley diameter</i>	mm	500					
z	Numero gole puleggia <i>Number of pulley grooves</i>	-	5					
d	Diametro funi <i>Rope diameter</i>	mm	11			12		
v	Velocità impianto <i>Installation speed</i>	m/s	0.63					
M _M	Massa arcata AHT/M <i>Car frame mass AHT/M</i>	kg	258	267	276	287	296	305
M _L	Massa arcata AHT/L <i>Car frame mass AHT/L</i>	kg	285	294	303	314	323	332
M _a	Massa arcatina std <i>Std cross beam mass</i>	kg	70	74	78	74	78	82
Tipo guide / Guide type		mm	80x80x9; 90x75x16; 125x82x16					

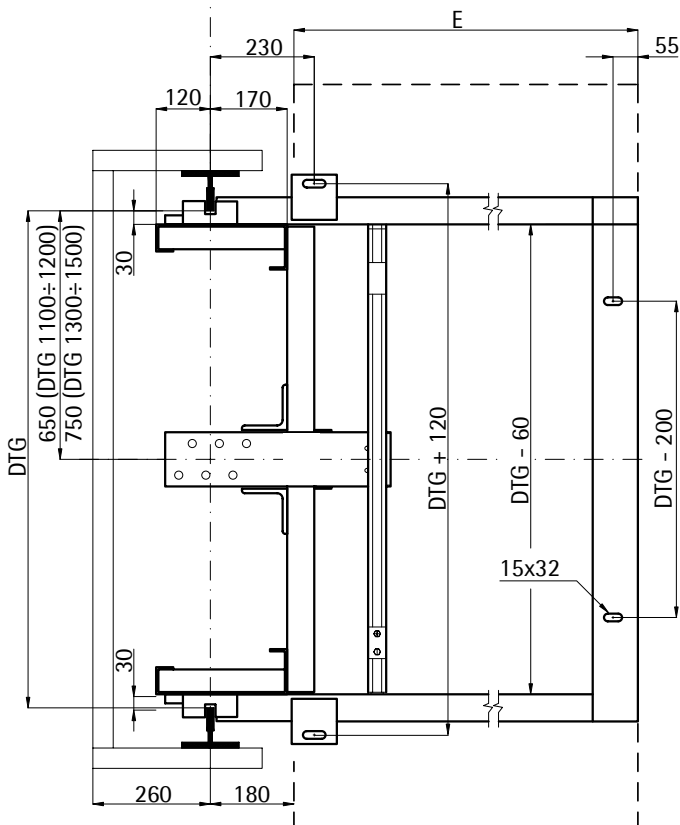
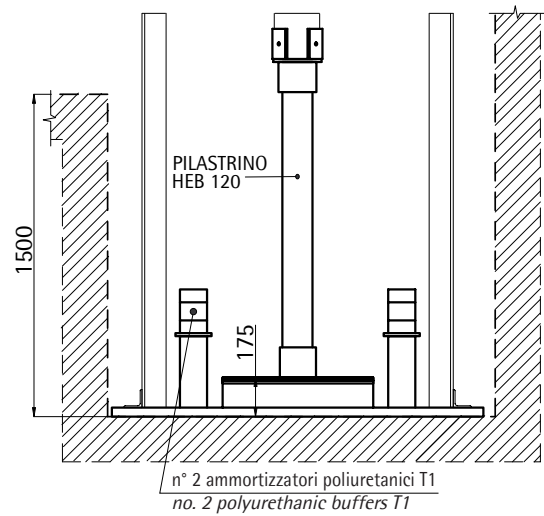
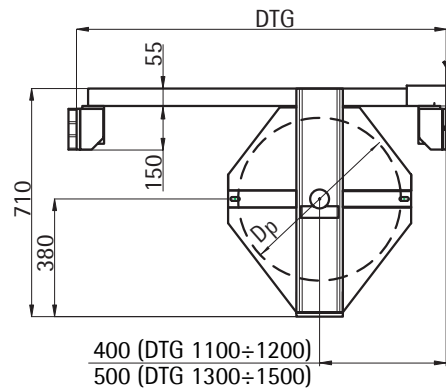
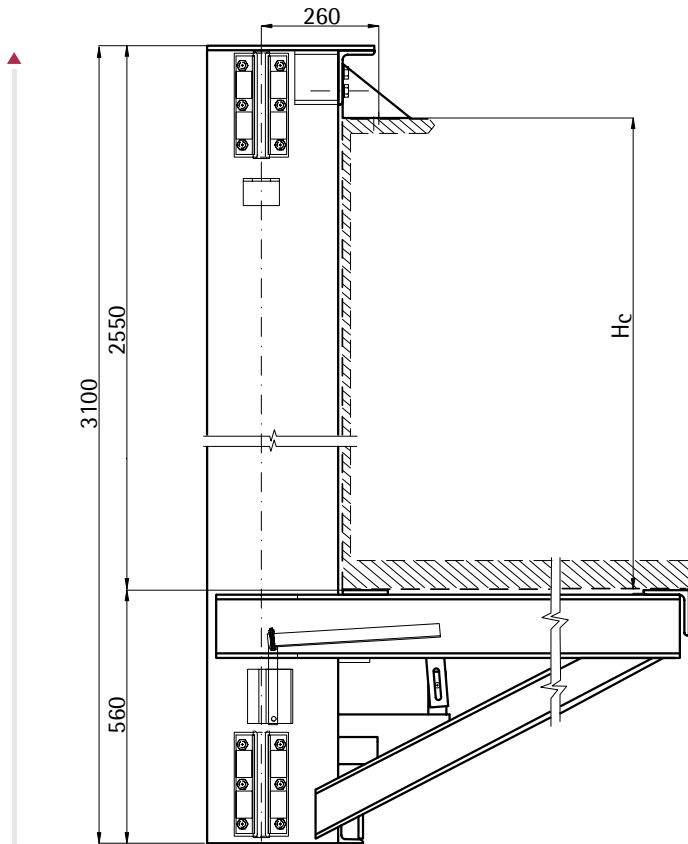
Diagramma di scelta - Choice graphic AHT11-13



ARCATA IDRAULICA IN TAGLIA 2:1
HYDRAULIC CAR FRAME SUSPENSION 2:1

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LT 120 E

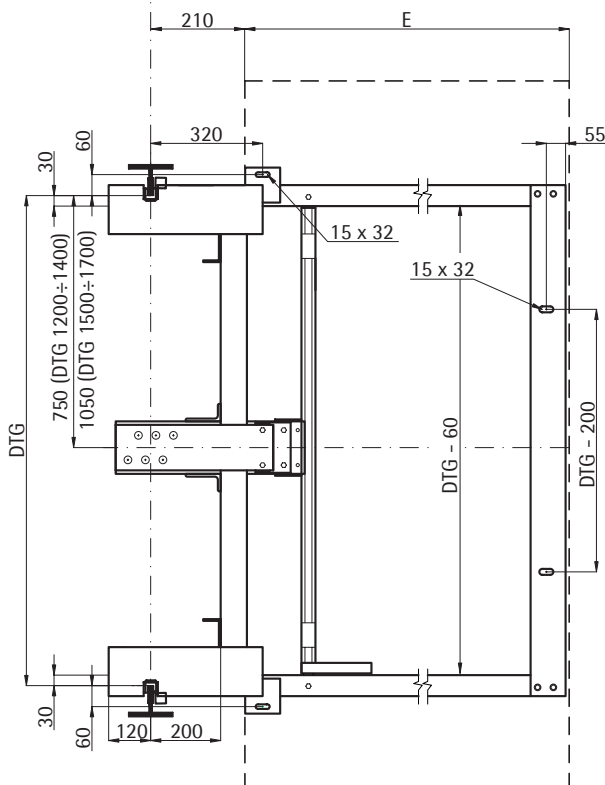
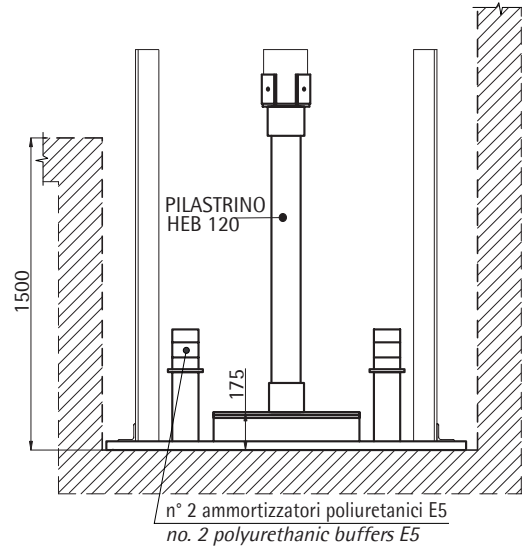
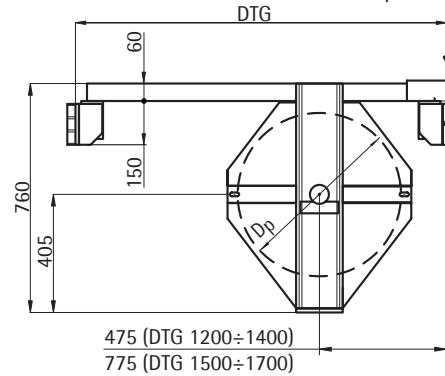
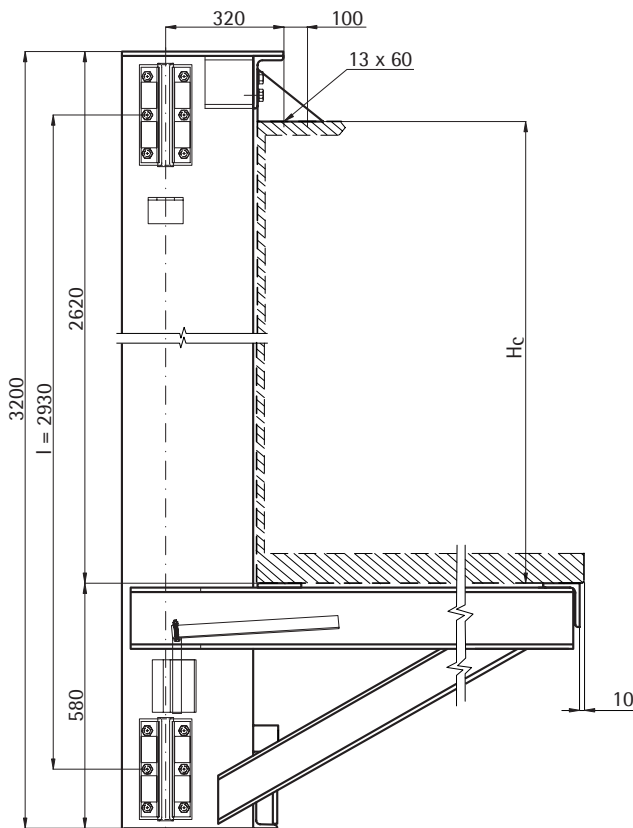


		LT 120 E					
P+Q	Tiro All up load	daN	max 2800				
Q	Portata Capacity	daN	max 1300				
DTG	Distanza tra le guide std Std DBG	mm	1100	1200	1300	1400	1500
E	Sbalzo cabina Car overhanging	mm mm	min 1160 max 1900				
H _c	Altezza esterna cabina External car height	mm	max 2360				
D	Diametro testa cilindro Cylinder head diameter	mm	max 250				
D _p	Diametro puleggia std Std pulley diameter	mm	500				
z	N° gole puleggia No. of pulley grooves	-	max 6				
d	Diametro funi Rope diameter	mm	11				
z	Velocità impianto Installation speed	m/s	0,63				
M _{cf}	Massa arcata Car frame mass	kg	346 ÷ 398	352 ÷ 404	358 ÷ 410	364 ÷ 416	370 ÷ 422
M _{cb}	Massa arcatina std Std cross beam mass	kg	102	103	104	105	106
Tipo guide / Guide type		mm	90x75x16; 125x82x16				

ARCATA IDRAULICA IN TAGLIA 2:1
HYDRAULIC CAR FRAME SUSPENSION 2:1

LT 180 E

Cod. CT.TEC.001
Pag./page 1.11
Data/date 20.04.2005
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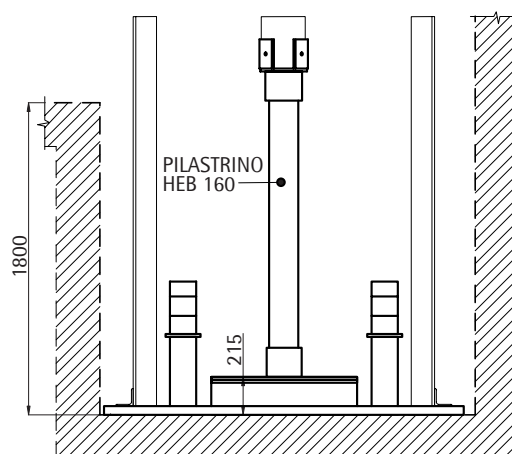
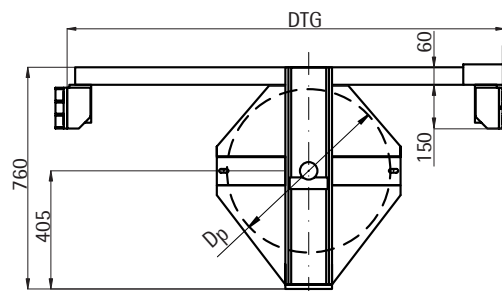
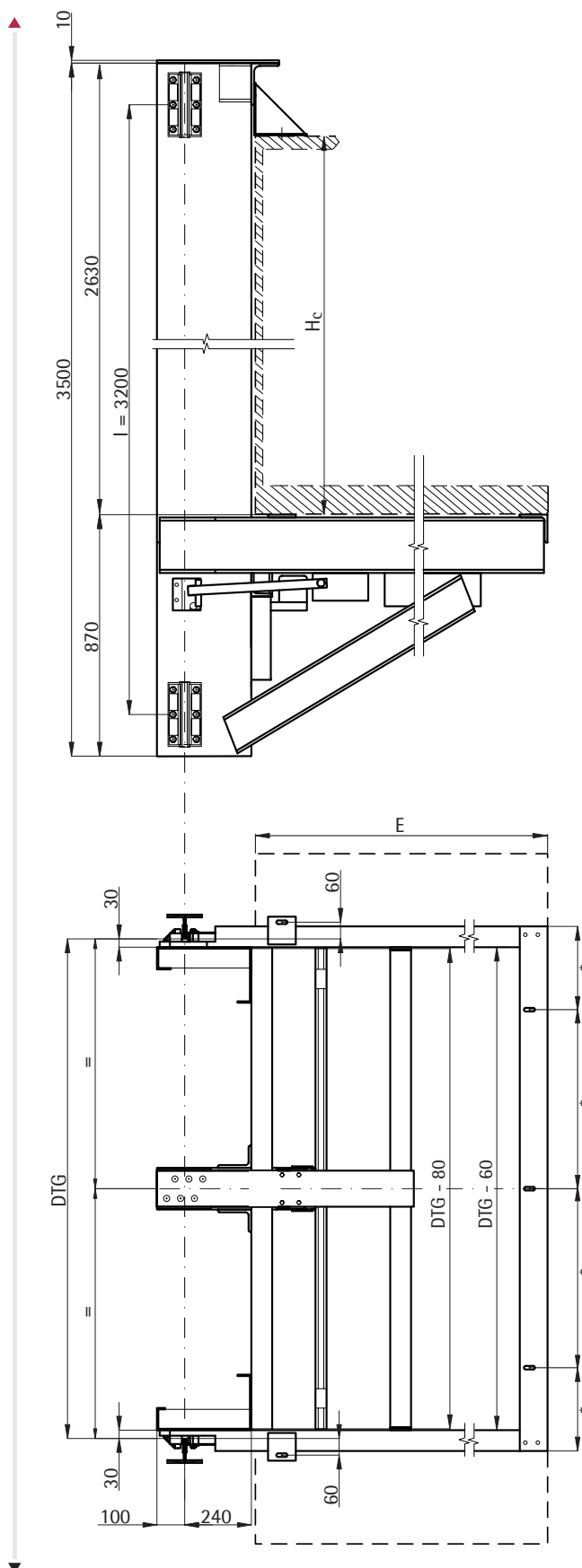


LT 180 E				
P+Q	Tiro All up load	daN	max 3600	
Q	Portata Capacity	daN	max 1800	
DTG	Distanza tra le guide std Std DBG	mm	1200	1400 1600 1700
E	Sbalzo cabina Car overhanging	mm	min 1160 max 2000	
H _c	Altezza esterna cabina External car height	mm	max 2330	
D	Diametro testa cilindro Cylinder head diameter	mm	max 250	
D _p	Diametro puleggia std Std pulley diameter	mm	550	
z	N° gole puleggia No. of pulley grooves	-	max 6	
d	Diametro funi Rope diameter	mm	13	
z	Velocità impianto Installation speed	m/s	0,63	
M _{cf}	Massa arcata Car frame mass	kg	485	500 515 530
M _{cb}	Massa arcatina std Std cross beam mass	kg	95	95 105 105
Tipo guide / Guide type		mm	90x75x16; 125x82x16	

ARCATA IDRAULICA IN TAGLIA 2:1
HYDRAULIC CAR FRAME SUSPENSION 2:1

LT 250 E

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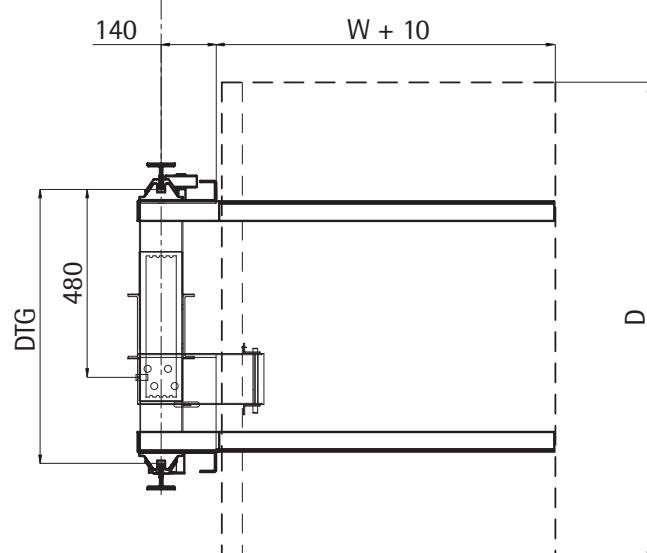
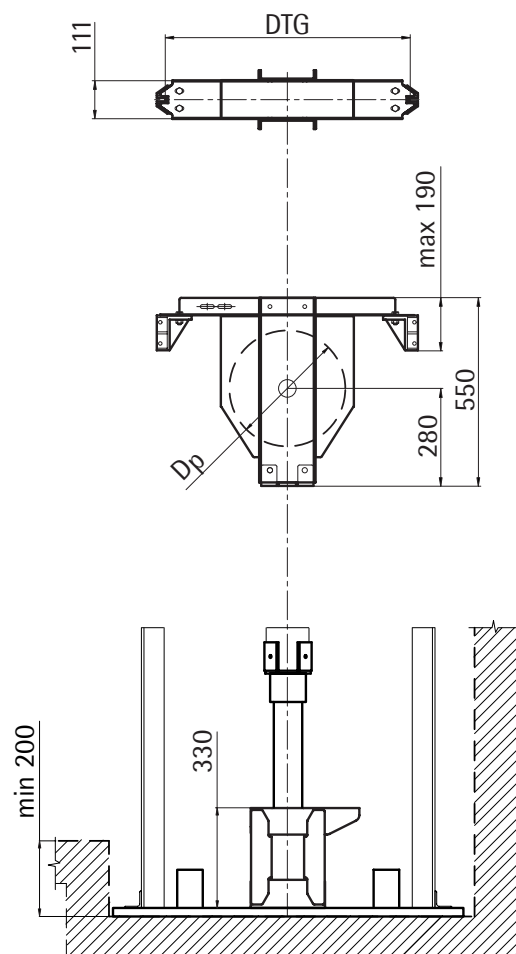
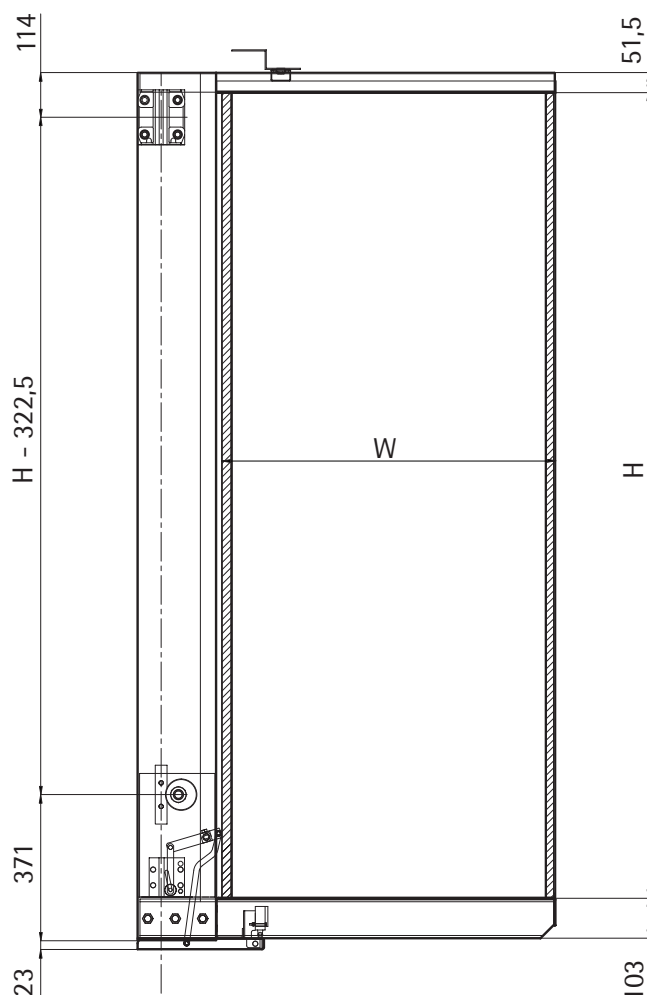


			LT 250 E							
P+Q	Tiro All up load	daN	max 5200							
Q	Portata Capacity	daN	max 2500							
DTG	Distanza tra le guide std Std DBG	mm	1800	1900	2000	2100	2200	2300	2400	
E	Sbalzo cabina Car overhanging	mm mm	min 1400 max 2000							
H _c	Altezza esterna cabina External car height	mm	max 2500							
D	Diametro testa cilindro Cylinder head diameter	mm	max 250							
D _p	Diametro puleggia std Std pulley diameter	mm	550							
z	N° gole puleggia No. of pulley grooves	-	max 6							
d	Diametro funi Rope diameter	mm	13							
z	Velocità impianto Installation speed	m/s	0,63							
M _{cf}	Massa arcata Car frame mass	kg	718	728	738	748	758	768	778	
M _{cb}	Massa arcatina std Std cross beam mass	kg	115	115	120	120	125	125	130	
Tipo guide / Guide type		mm	90x75x16; 125x82x16							

*Dimensioni a richiesta
Custom dimensions

KIT ARCATÀ & CABINA PER FOSSE RIDOTTE
CAR & FRAME KIT FOR SHORT PITS

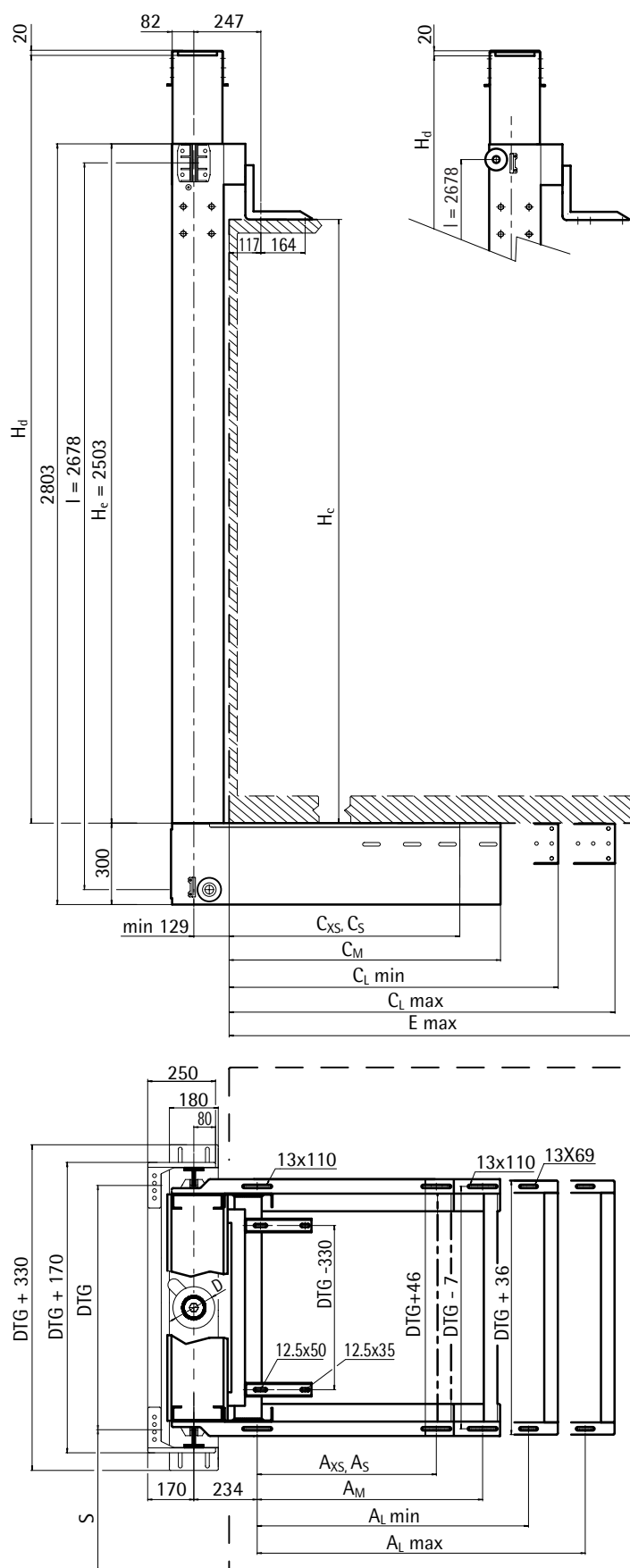
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P+Q	Tiro All up load	daN	max 875
Q	Portata Capacity	daN	max 350
DTG	Distanza tra le guide std Std DBG	mm	700
H	Altezza interna cabina Internal car height	mm	max 2150
W	Larghezza esterna cabina External car width	mm	max 860
D _{ch}	Diametro testa cilindro Cylinder head diameter	mm	158
D _p	Diametro puleggia Pulley diameter	mm	360
z	N° gole puleggia No. of pulley grooves	-	3
d	Diametro funi Rope diameter	mm	9
z	Velocità impianto Installation speed	m/s	0,63
M _{cf}	Massa arcata Car frame mass	kg	234
M _{cb}	Massa arcatina std Std cross beam mass	kg	39
Tipo guide / Guide type		mm	70x65x9

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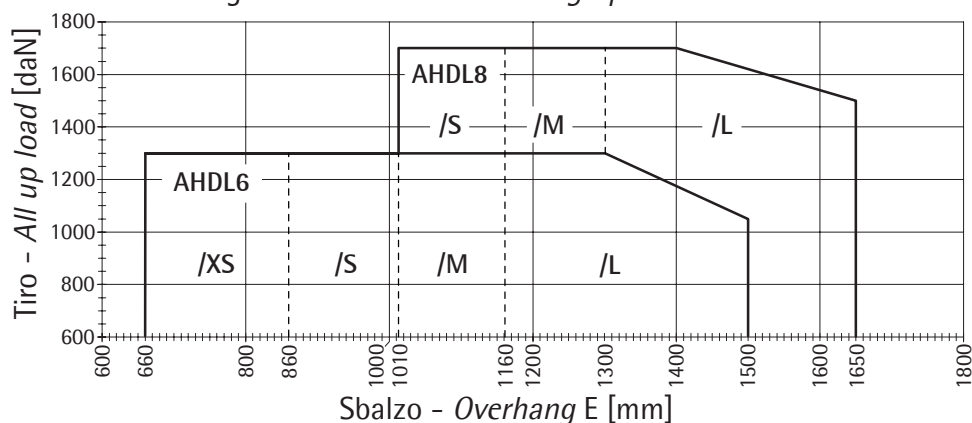
AHDL 6-8



AHDL 6-8

			AHDL6				AHDL8	
DTG	Distanza fra le guide <i>Distance between guides</i>	mm mm mm	std 500	std 650	std 800	std 900	std 900	std1050
C _{XS}	Sbalzo mensola extra corta (solo per AHDL6/XS) <i>Overhang with extra-short console (only for AHDL6/XS)</i>	mm	480 1050				750 1200	
C _S	Sbalzo mensola corta (AHDL/S) <i>Short console overhang (AHDL/S)</i>	mm	650				1000	
C _M	Sbalzo mensola std (AHDL/M) <i>Std console overhang (AHDL/M)</i>	mm	850				1150	
C _L	Sbalzo con prolunga (AHDL/L) <i>Overhang with prolongation (AHDL/L)</i>	mm mm	min 1050 max 1480				min 1200 max 1630	
E	Sbalzo cabina <i>Elevator car overhanging</i>	mm	max 1500				max 1650	
A _{XS}	Interasse asole mensola extracorta (solo per AHDL6/XS) <i>Distance betw. extra-short console slots (only for AHDL/XS)</i>	mm	490				-	
A _S	Interasse asole mensola corta (AHDL/S) <i>Distance between short console slots (AHDL/S)</i>	mm	660				830	
A _M	Interasse asole mensola std (AHDL/M) <i>Distance between std console slots (AHDL/M)</i>	mm	830				980	
A _L	Interasse asole mensola con prolunga (AHDL/L) <i>Distance betw. console slots w/ prolongation (AHDL/L)</i>	mm mm	min 880 max 1270				min 1030 max 1420	
H _c	Altezza esterna cabina <i>External car height</i>	mm mm	min 2190 max 2330					
H _d	Altezza fissaggio pistone <i>Jack fixing height</i>	mm mm	min 2750 max 3500					
S	Sporgenza laterale cabina <i>Elevātor car side overhanging</i>	mm	max: Vedi tab. 1 pag. 1.3 <i>See table 1 page 1.3</i>					
D	Diametro testa cilindro <i>Cylinder head diameter</i>	mm	191					
v	Velocità impianto <i>Installation speed</i>	m/s	0.63					
M _{XS} (*)	Massa arcata AHDL6/XS <i>Car frame mass AHDL6/XS</i>	kg	107	116	-	-	-	-
M _S (*)	Massa arcata AHDL/S <i>Car frame mass AHDL/S</i>	kg	111	120	125	132	135	146
M _M (*)	Massa arcata AHDL/M <i>Car frame mass AHDL/M</i>	kg	114	123	128	136	140	151
M _L (*)	Massa arcata AHDL/L <i>Car frame mass AHDL/L</i>	kg	130	139	142	150	154	165
Tipo guide / <i>Guide type</i>		mm	70x70x8; 80x80x9; 90x75x16					

Diagramma di scelta - Choice graphic AHDL 6-8



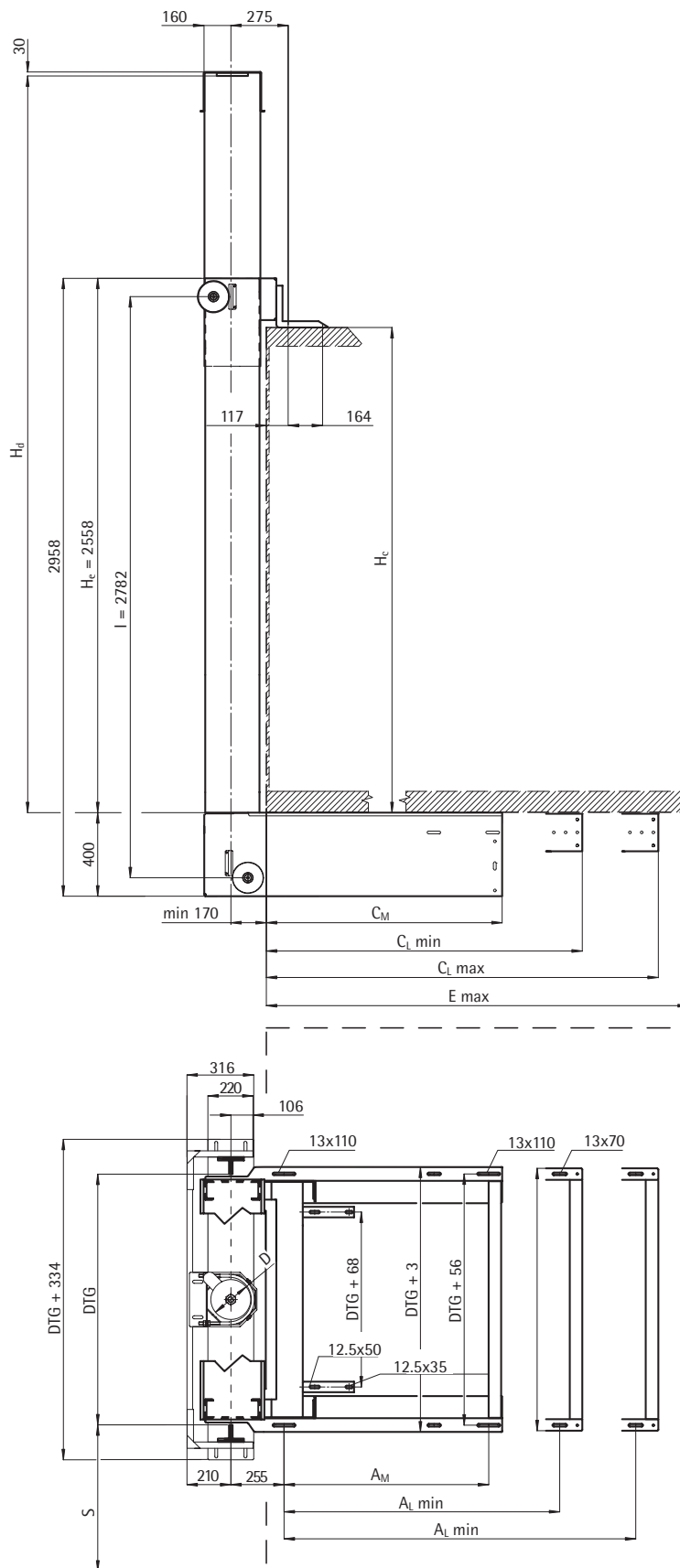
(*) Massa calcolata con H_d=3000 mm

(*) Mass calculated with H_d=3000 mm

ARCATA IDRAULICA DIRETTA LATERALE 1:1
HYDRAULIC DIRECT LATERAL CAR FRAME 1:1

AHDL 11-13

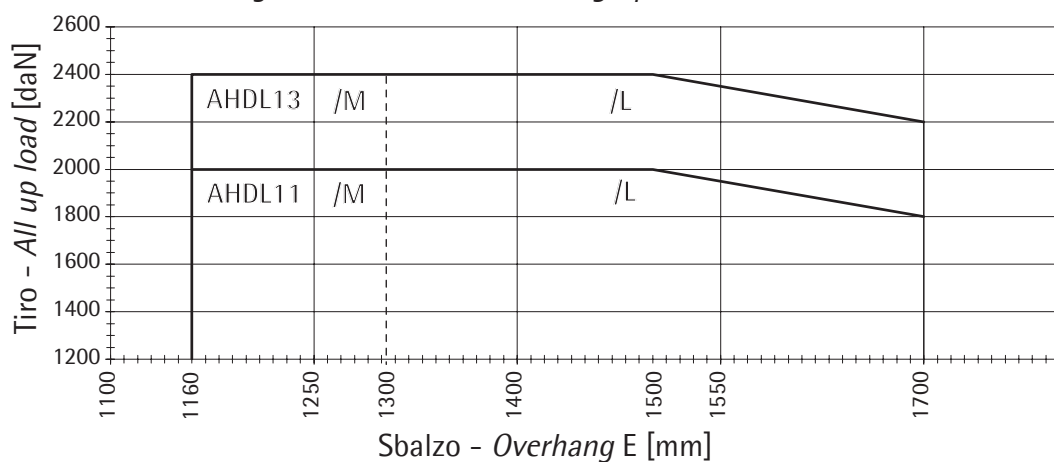
Cod. CT.TEC.001
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AHDL 11-13

			AHDL11			AHDL13		
DTG	Distanza fra le guide Distance between guides	mm	std 1050	std 1200	std 1400	std 1200	std 1400	std 1600
		mm				min 800		
		mm				max 1600		
C _M	Sbalzo mensola std (AHDL/M) Std console overhanging (AHDL/M)	mm	1130					
C _L	Sbalzo con prolunga (AHDL/L) Overhang with prolongation (AHDL/L)	mm	min 1195					
		mm	max 1615					
E	Sbalzo cabina Elevator car overhanging	mm	max 1700					
A _M	Interasse asole mensola std (AHDL/M) Distance between std console slots (AHDL/M)	mm	980					
A _L	Interasse asole mensola con prolunga (AHDL/L) Distance betw. console slots w/ prolongation (AHDL/L)	mm	min 995					
		mm	max 1420					
H _c	Altezza esterna cabina External car height	mm	min 2200					
		mm	max 2330					
H _d	Altezza fissaggio pistone Jack fixing height	mm	max 3000					
S	Sporgenza laterale cabina Elevator car side overhanging	mm	max: Vedi tab. 1 pag. 1.3 See table 1 page 1.3					
D	Diametro testa cilindro Cylinder head diameter	mm	max 250					
v	Velocità impianto Installation speed	m/s	0.63					
M _M	Massa arcata AHDL/M Car frame mass AHDL/M	kg	298	312	326	332	346	360
M _L	Massa arcata AHDL/L Car frame mass AHDL/L	kg	325	339	353	359	373	387
Tipo guide / Guide type		mm	80x80x9; 90x75x16					

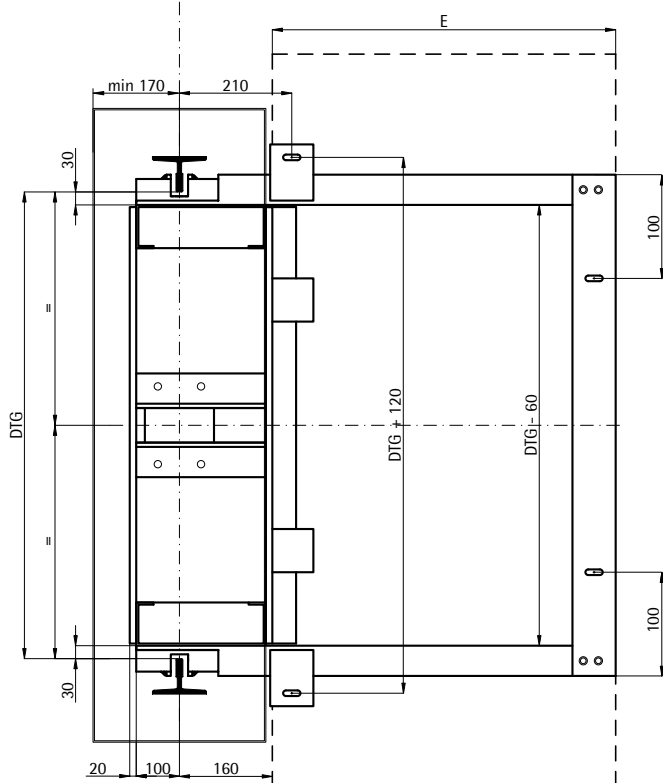
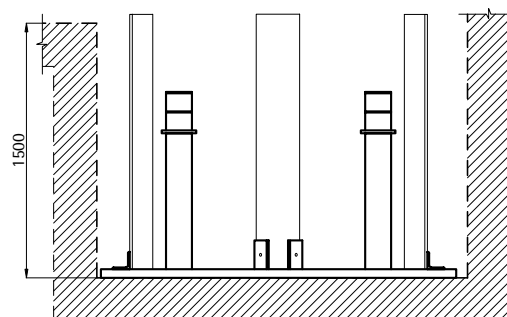
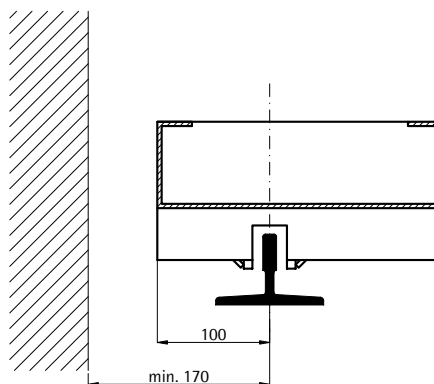
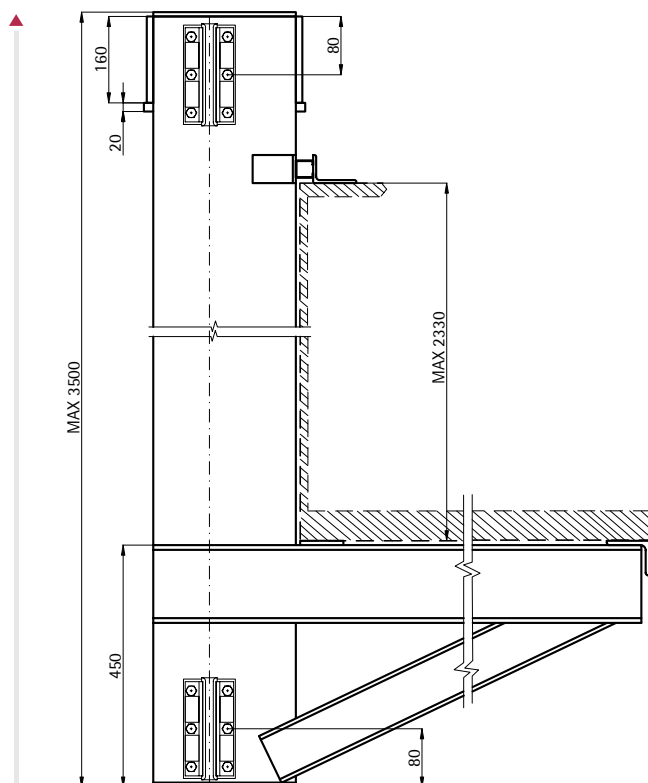
Diagramma di scelta - Choice graphic AHDL 11-13



ARCATA IDRAULICA DIRETTA LATERALE 1:1
HYDRAULIC DIRECT LATERAL CAR FRAME 1:1

LD 120 E

Cod. CT.TEC.001
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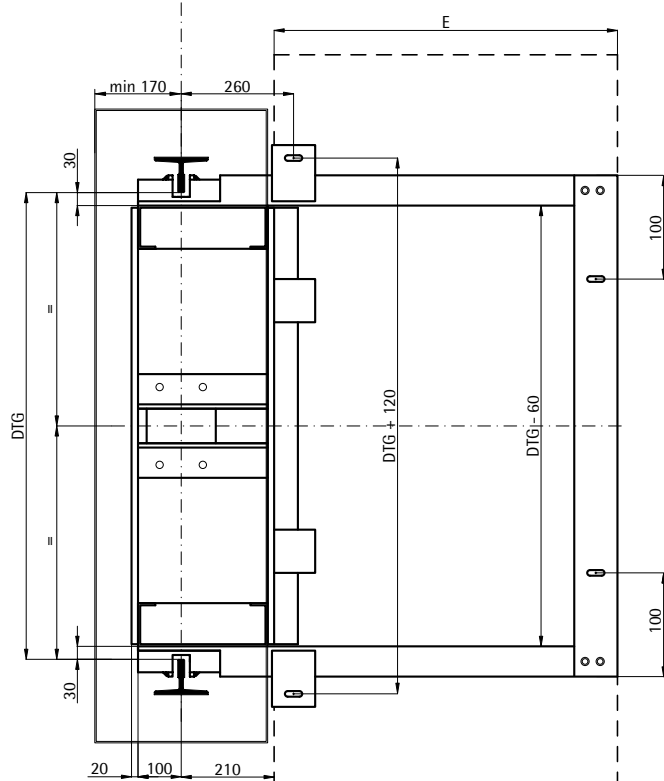
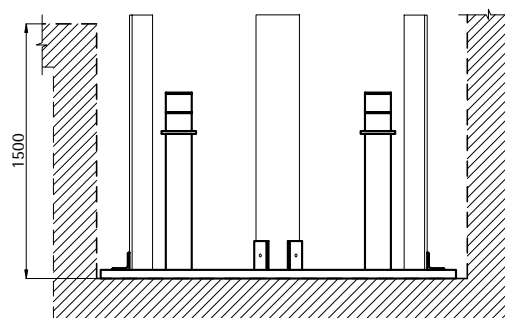
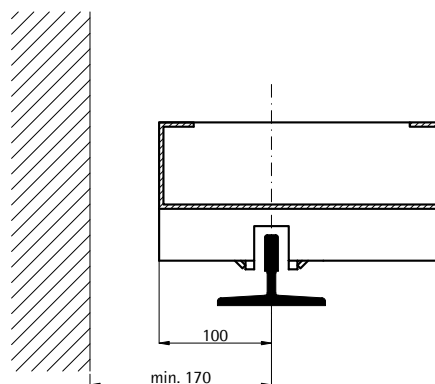
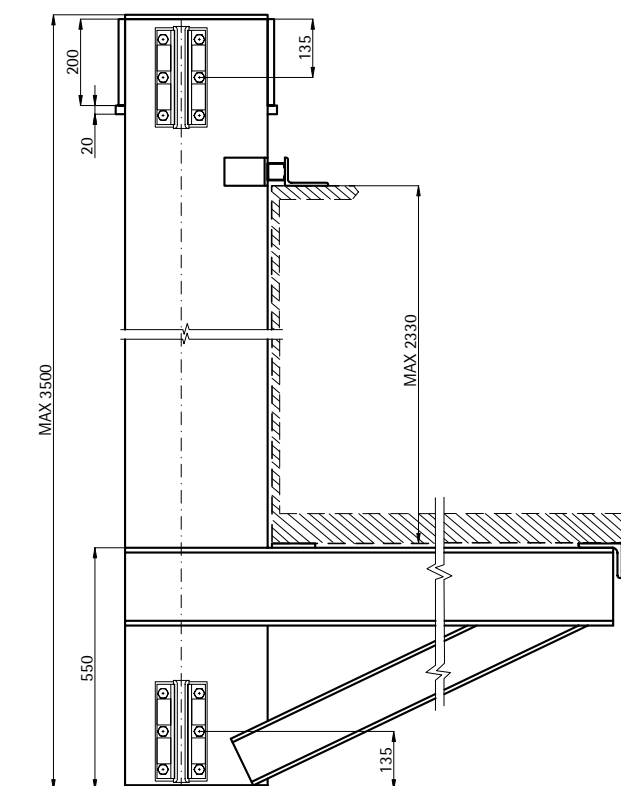


		LD 120 E					
P+Q	Tiro All up load	daN	max 2800				
Q	Portata Capacity	daN	max 1300				
DTG	Distanza tra le guide std Std DBG	mm	1000	1100	1200	1300	1400
E	Sbalzo cabina Car overhanging	mm mm	min 1160 max 1900				
D	Diametro testa cilindro Cylinder head diameter	mm	max 150				
z	Velocità impianto Installation speed	m/s	0,63				
M _{cf}	Massa arcata Car frame mass	kg	280	300	315	330	350
Tipo guide / Guide type		mm	90x75x16; 125x82x16				

ARCATA IDRAULICA DIRETTA LATERALE 1:1
HYDRAULIC DIRECT LATERAL CAR FRAME 1:1

LD 180 E

Cod. CT.TEC.001
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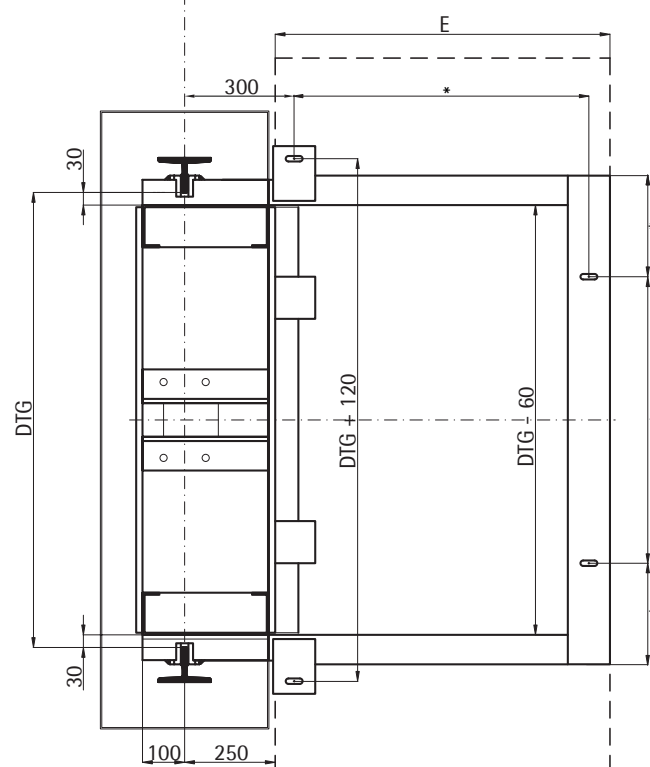
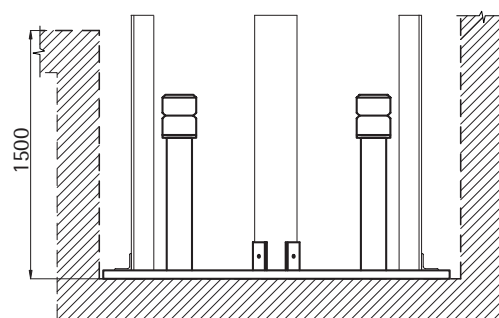
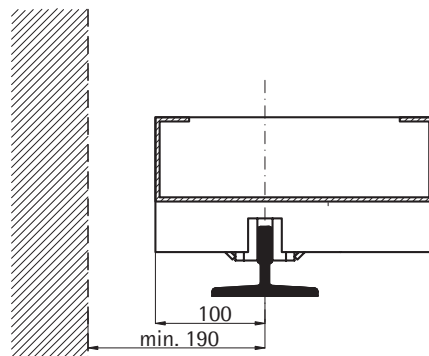
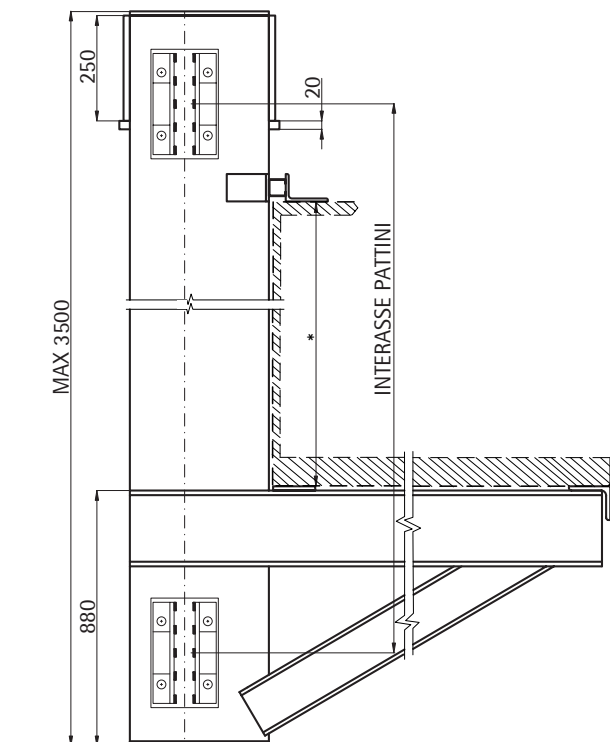


		LD 180 E					
P+Q	Tiro All up load	daN	max 3600				
Q	Portata Capacity	daN	max 1800				
DTG	Distanza tra le guide std Std DBG	mm	1100	1200	1300	1400	1500
E	Sbalzo cabina Car overhanging	mm mm	min 1160 max 2000				
D	Diametro testa cilindro Cylinder head diameter	mm	max 200				
z	Velocità impianto Installation speed	m/s	0,63				
M _{cf}	Massa arcata Car frame mass	kg	310	330	350	370	390
Tipo guide / Guide type		mm	90x75x16; 125x82x16; 127x82x16				

ARCATA IDRAULICA DIRETTA LATERALE 1:1
HYDRAULIC DIRECT LATERAL CAR FRAME 1:1

LD 250 E

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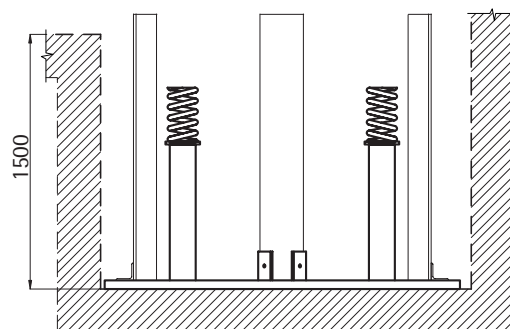
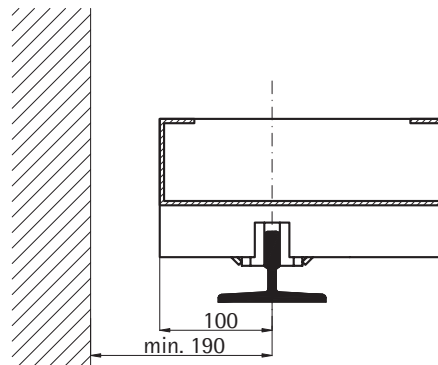
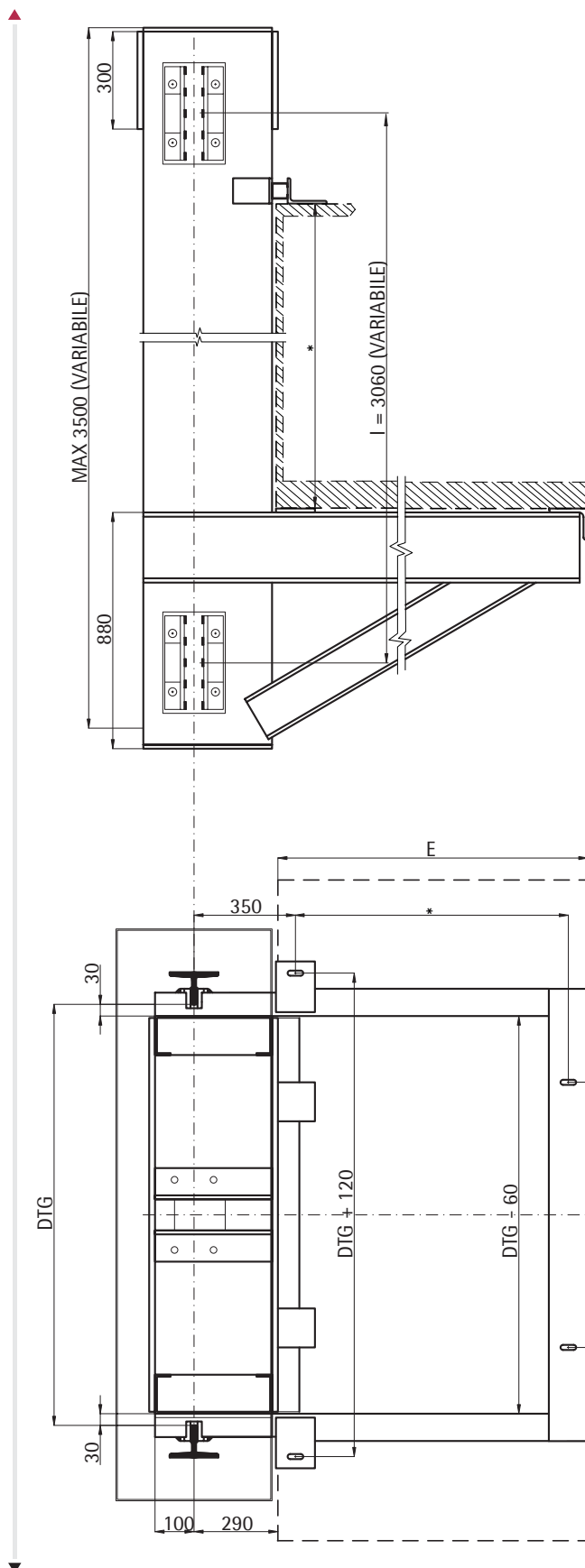
		LD 250 E							
P+Q	Tiro All up load	daN	max 5200						
Q	Portata Capacity	daN	2200 ÷ 2500						
DTG	Distanza tra le guide std Std DBG	mm	1400	1500	1600	1700	1800	1900	2000
E	Sbalzo cabina Car overhanging	mm mm	min 1400 max 2000						
D	Diametro testa cilindro Cylinder head diameter	mm	max 250						
z	Velocità impianto Installation speed	m/s	0,63						
M _{cf}	Massa arcata Car frame mass	kg	740	750	760	770	780	790	800
Tipo guide / Guide type		mm	125x82x16						

*Dimensioni a richiesta
Custom dimensions

ARCATA IDRAULICA DIRETTA LATERALE 1:1
HYDRAULIC DIRECT LATERAL CAR FRAME 1:1

LD 300 E

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		LD 300 E						
P+Q	Tiro All up load	daN	max 6000					
Q	Portata Capacity	daN	max 3200					
DTG	Distanza tra le guide std Std DBG	mm	1400	1500	1600	1700	1800	1900
E	Sbalzo cabina Car overhanging	mm mm	min 1400 max 2000					
D	Diametro testa cilindro Cylinder head diameter	mm	max 250					
z	Velocità impianto Installation speed	m/s	0,63					
M _{cf}	Massa arcata Car frame mass	kg	820	835	850	865	880	895
Tipo guide / Guide type		mm	140x108x19; 140x102x29					

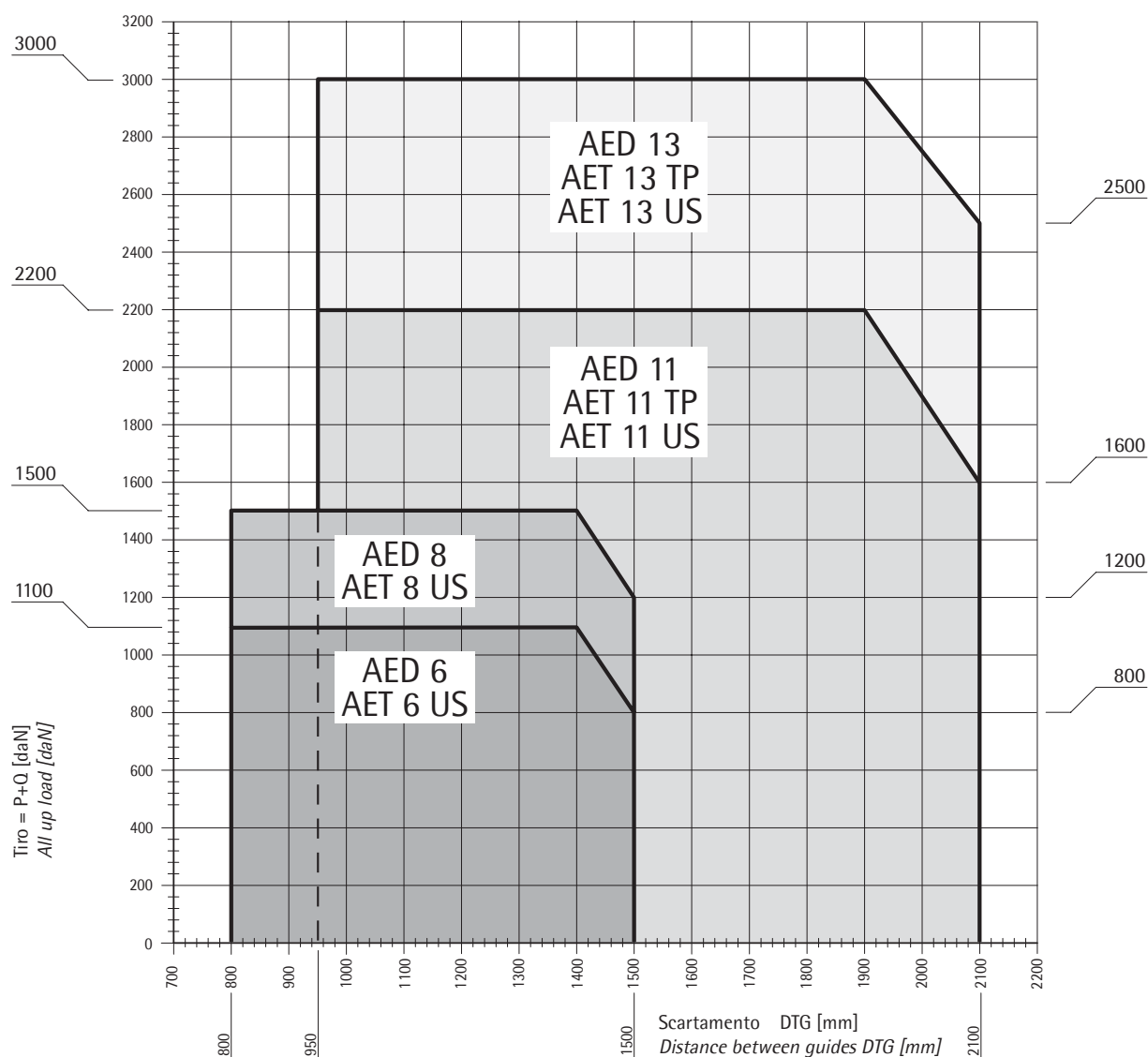
*Dimensioni a richiesta
Custom dimensions

ARCATE A FUNE *ROPE CAR FRAMES*

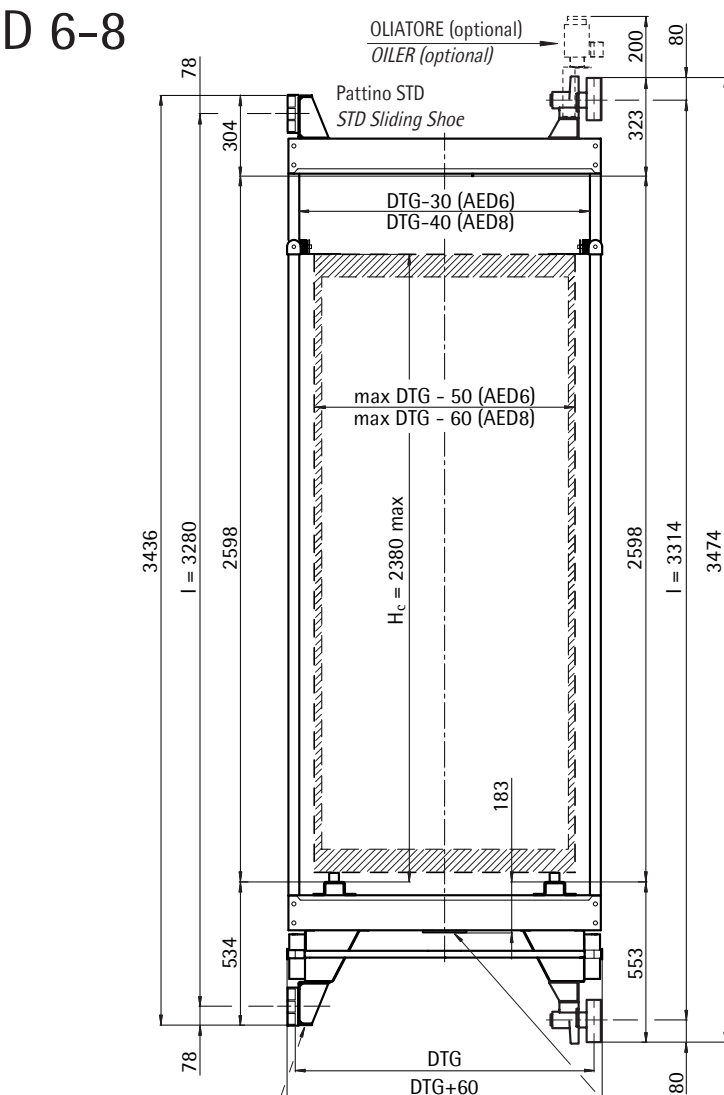


Cod.	CT.TEC.001
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Vers./version	3

GRAFICO PER LA SCELTA DELL'ARCATA CAR FRAME CHOICE GRAPHIC

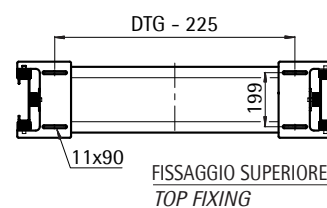
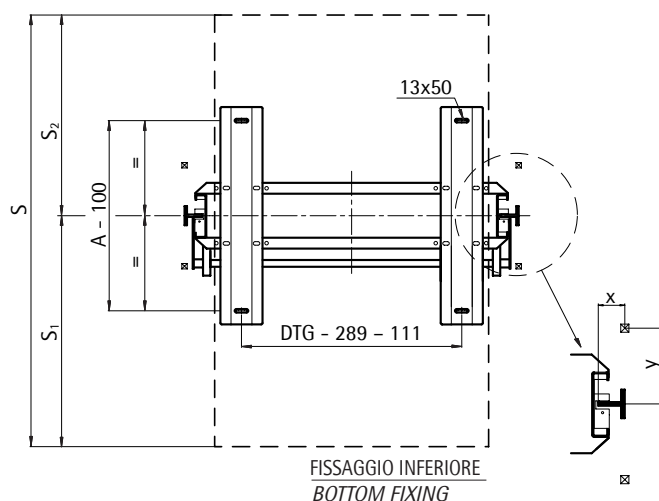
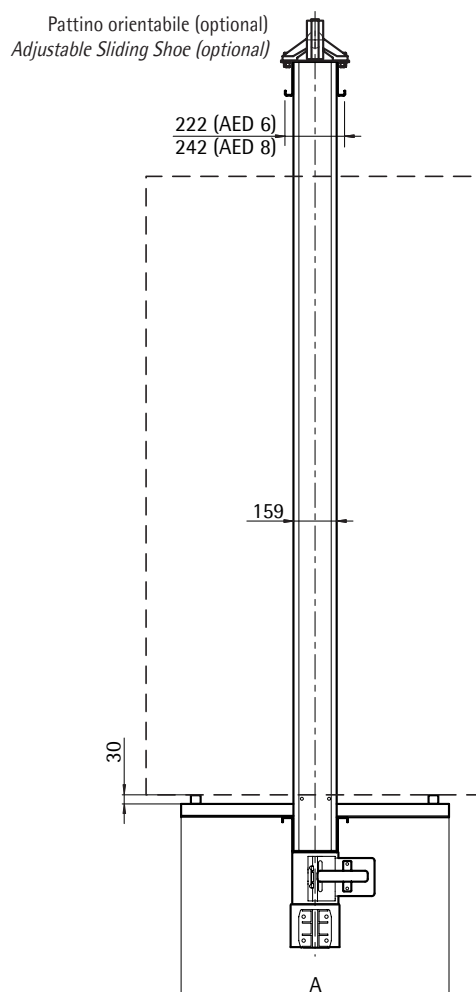
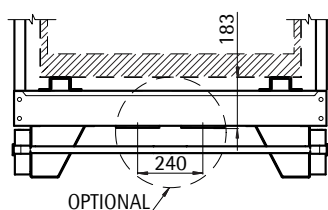


AED 6-8



BATTUTA AMMORT. A MOLLA (STD)
SPRING BUFFER BASE (STD)

BATTUTA AMMORT. (STD per poliuretani, optional per ammort. a molla)
BUFFER BASE (STD for polyurethanic, optional for spring buffers)



			AED6	AED8
DTG	Distanza fra le guide Distance between guides	mm mm	min 800 max 1500	
T	Tiro totale = P + Q Total weight = P + Q	daN	max 1100	max 1500
A	Lunghezza supporto cabina STD STD Car support length $A_{min} = S - 400$ $A_{max} = S - 200$	mm	500 / 800 / 1100 / 1300	
S	Profondità esterna cabina External elevator car depth	mm	max 1500	max 1600
S ₁ , S ₂	Sbalzo laterale cabina max Max side elevator car overhang	mm	max 850	max 950
v	Velocità impianto Installation speed	m/s	max 1,6	
z	Numero funi max Max rope number	-	4	6
M _a	Massa arcata (comprensiva di pattini, paracadute e capofune) Car frame mass (with sliding shoes, safety gear and rope tensioning rod)	kg	0,0229·DTG+103	0,0371·DTG+120
Tipo guide / Guide type		mm	70x70x7; 70x70x8; 80x80x9; 90x75x16	

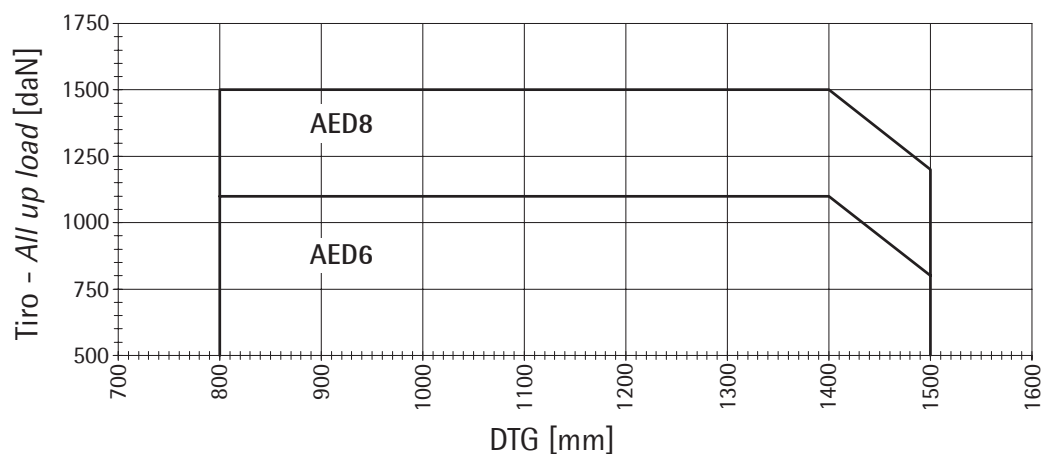
Esecuzione con tiranti per (S₁-S₂)>300 mm o (S₂-S₁)>300 mm (massa tiranti 15 kg)

Execution with tie rods for (S₁-S₂)>300 mm or (S₂-S₁)>300 mm (mass of tie rods 15 kg)

Tipo paracadute Safety gear type	Posizione fune limitatore Governor rope position	
	x mm	y mm
M-245 (standard)	40	140
LADI-9/14, LADP-9/14	54	140
LADI-16, LADP-16	58	140
PC14DA (*)	40	140 / 160 / 180
EB59D	50	175 / 195 / 215
EB75KD	50	215 / 235

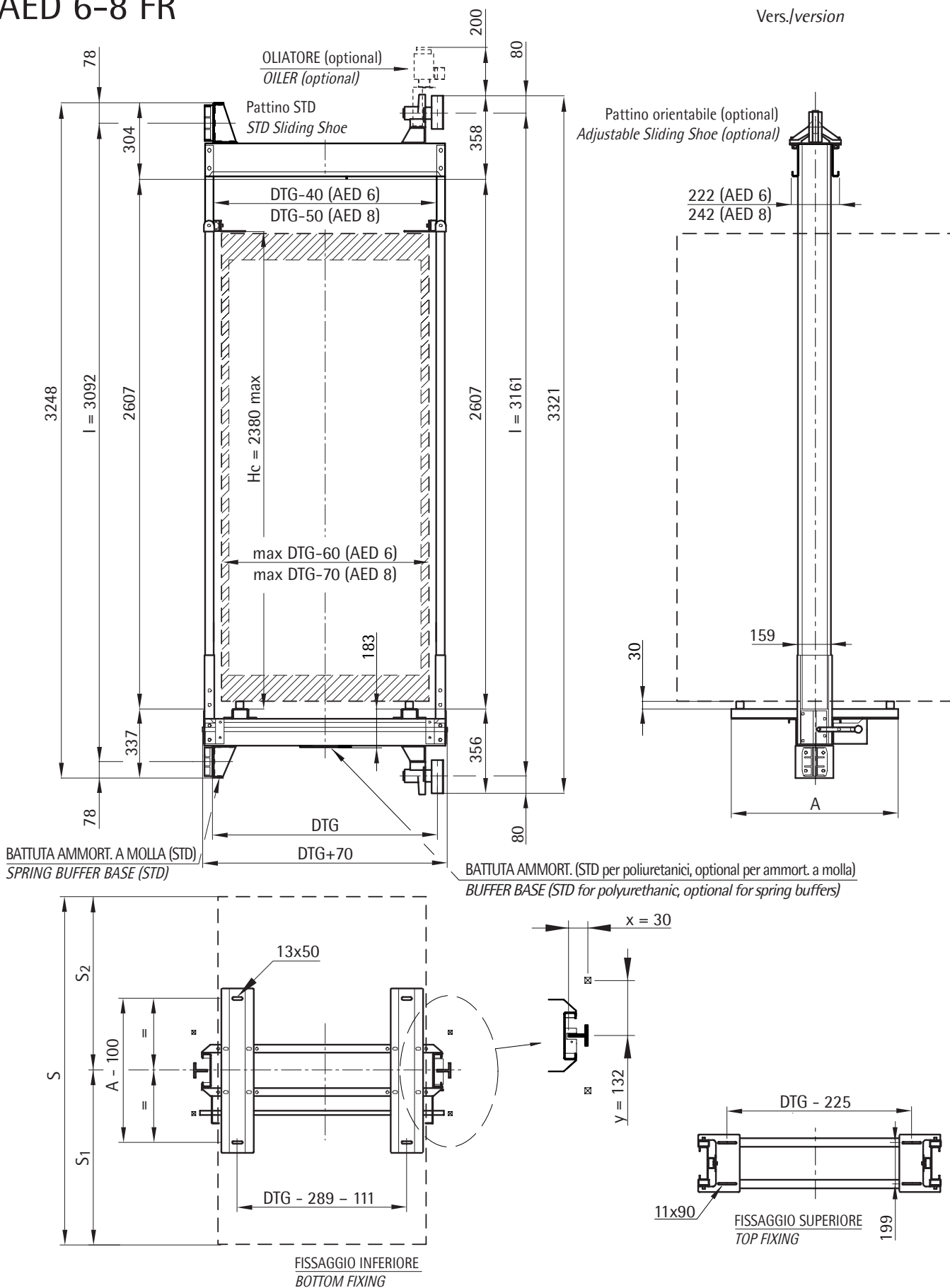
Tab. 1

Diagramma di scelta - Choice graphic AED 6-8



* Per guide di spessore 7 mm
* For 7 mm thick guides

AED 6-8 FR

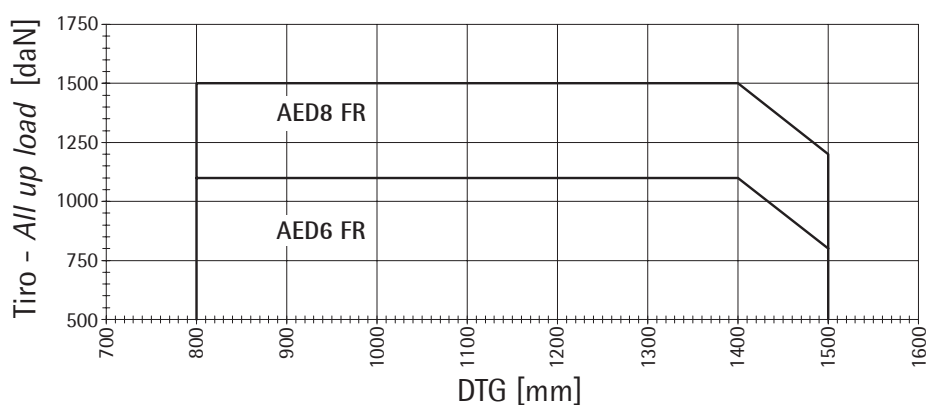


AED 6-8 FR

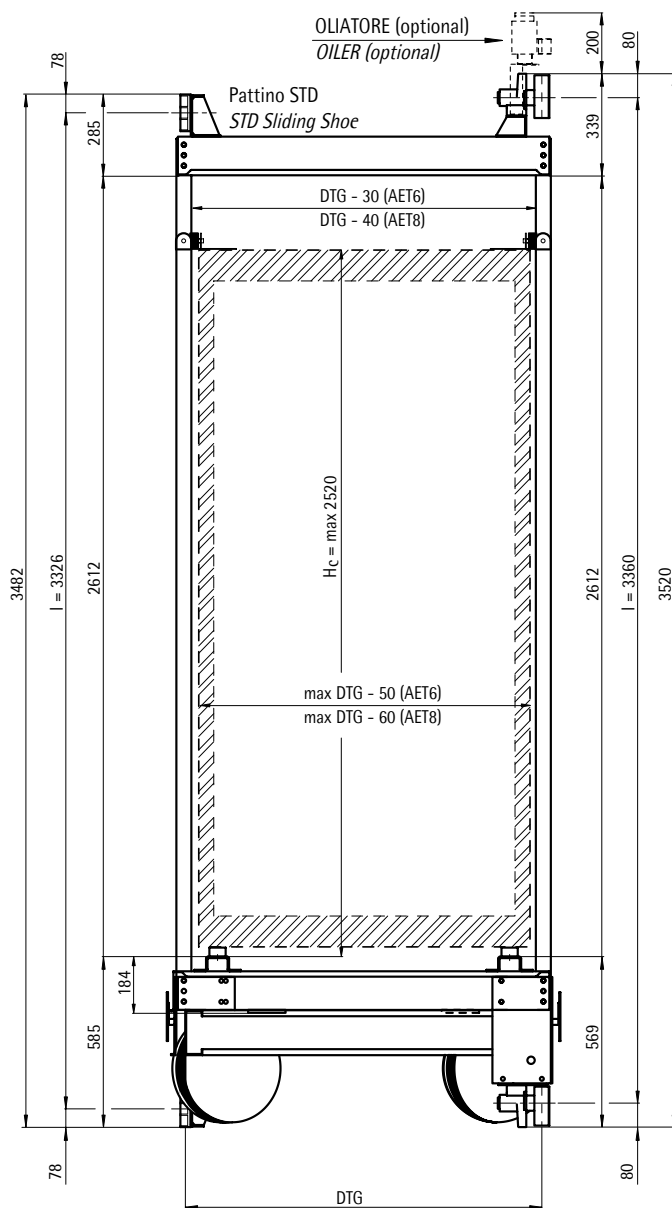
			AED6 FR	AED8 FR
DTG	Distanza fra le guide Distance between guides	mm mm	min 800 max 1500	
T	Tiro totale = P + Q Total weight = P + Q	daN	max 1100	max 1500
A	Lunghezza supporto cabina STD STD Car support length $A_{min} = S - 400$ $A_{max} = S - 200$	mm	500 / 800 / 1100 / 1300	
S	Profondità esterna cabina External elevator car depth	mm	max 1500	max 1600
S ₁ , S ₂	Sbalzo laterale cabina max Max side elevator car overhang	mm	max 850	max 950
v	Velocità impianto Installation speed	m/s	max 1,5	
z	Numero funi max Max rope number	-	4	6
M _a	Massa arcata (comprensiva di pattini, paracadute e capofune) Car frame mass (with sliding shoes, safety gear and rope tensioning rod)	kg	0,0229·DTG+95	0,0371·DTG+111
Tipo guide / Guide type		mm	70x70x8; 80x80x9; 90x75x16	

Esecuzione con tiranti per (S₁-S₂)>300 mm o (S₂-S₁)>300 mm (massa tiranti 15 kg)
Execution with tie rods for (S₁-S₂)>300 mm or (S₂-S₁)>300 mm (mass of tie rods 15 kg)

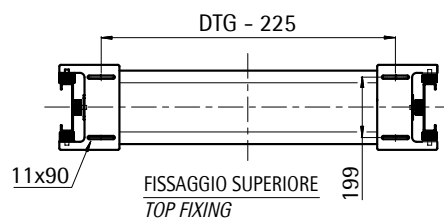
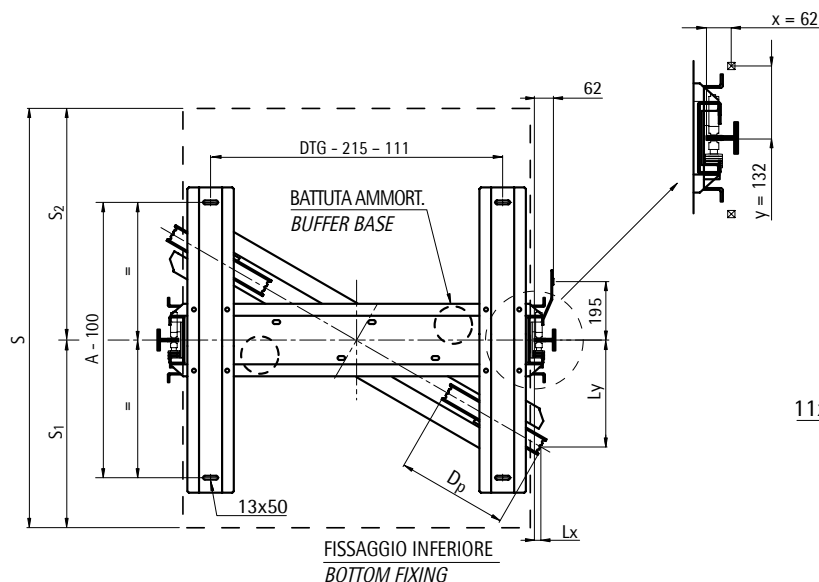
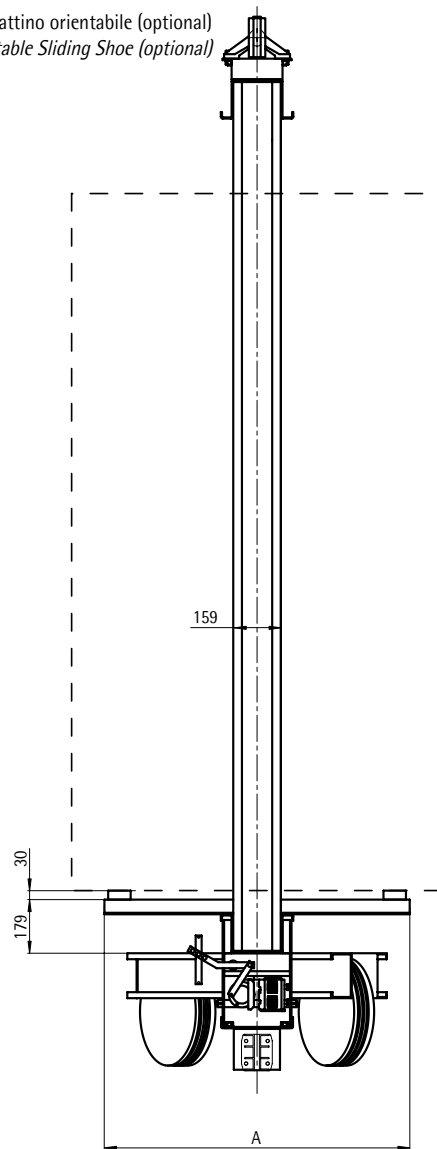
Diagramma di scelta - Choice graphic AED 6-8 FR



AET 6-8 US



Pattino orientabile (optional)
Adjustable Sliding Shoe (optional)



ARCATA A FUNE TAGLIA 2:1 (INFERIORE ORIENTABILE)
ROPE CAR FRAME SUSPENSION 2:1 (UNDERSLUNG SKEWED)

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AET 6-8 US

			AED6 US	AED8 US
DTG	Distanza fra le guide Distance between guides	mm mm	min 1100 max 1500	
T	Tiro totale = P + Q Total weight = P + Q	daN	max 1100	max 1500
A	Lunghezza supporto cabina STD STD Car support length $A_{min} = S - 400$ $A_{max} = S - 200$	mm	500 / 800 / 1100 / 1300	
S	Profondità esterna cabina External elevator car depth	mm	max 1500	max 1600
S ₁ , S ₂	Sbalzo laterale cabina max Max side elevator car overhang	mm	max 850	max 950
L _x	Distanza centro gole puleggia - testa guida Distance between centre of pulley grooves and guide head	mm	min 5	
L _y	Distanza centro puleggia - asse guide Distance between centre of pulley grooves and guide axis	mm	Vedi diagramma 1 See diagram 1	
v	Velocità impianto Installation speed	m/s	max 1,5	
z	Numero funi max Max rope number	-	n° 4 Ø10	n° 5 Ø10
M _a	Massa arcata (comprensiva di pattini e paracadute, escluso pulegge) Car frame mass (with sliding shoes and safety gear, pulleys excluded)	kg	0,0481·DTG+113	0,0623·DTG+127
Tipo guide / Guide type		mm	70x70x7; 70x70x8; 80x80x9; 90x75x16	

Tipo paracadute Safety gear type	Posizione fune limitatore Governor rope position	
	x mm	y mm
EB59D	50	175 / 195 / 215

Tab. 1

Diagramma 1 - Diagram 1

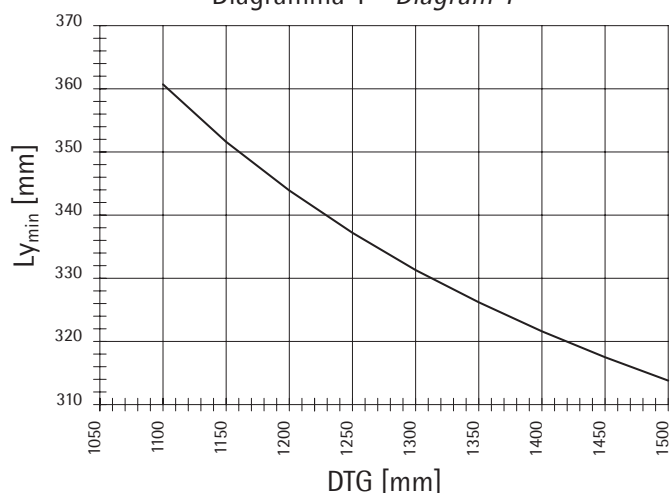
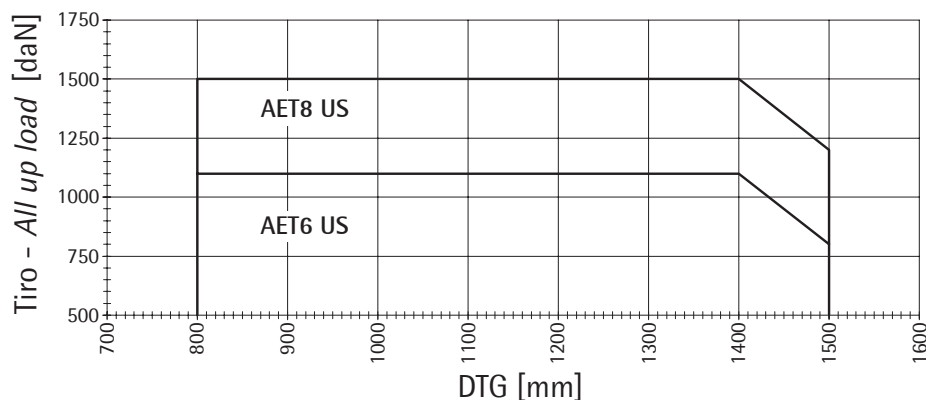
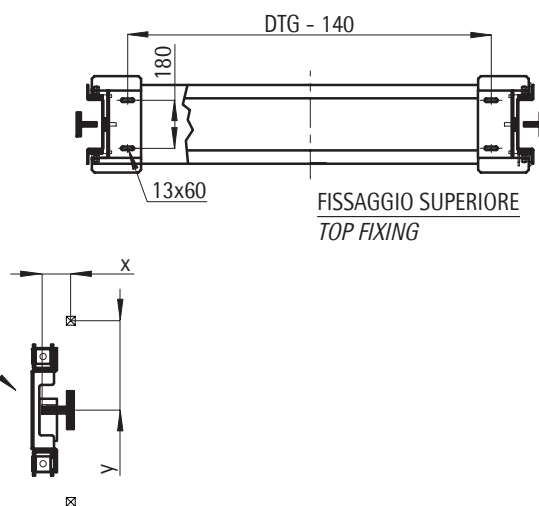
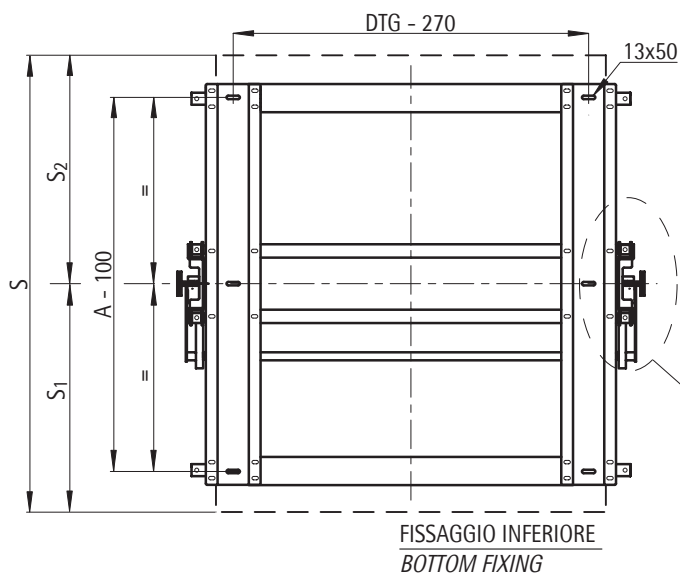
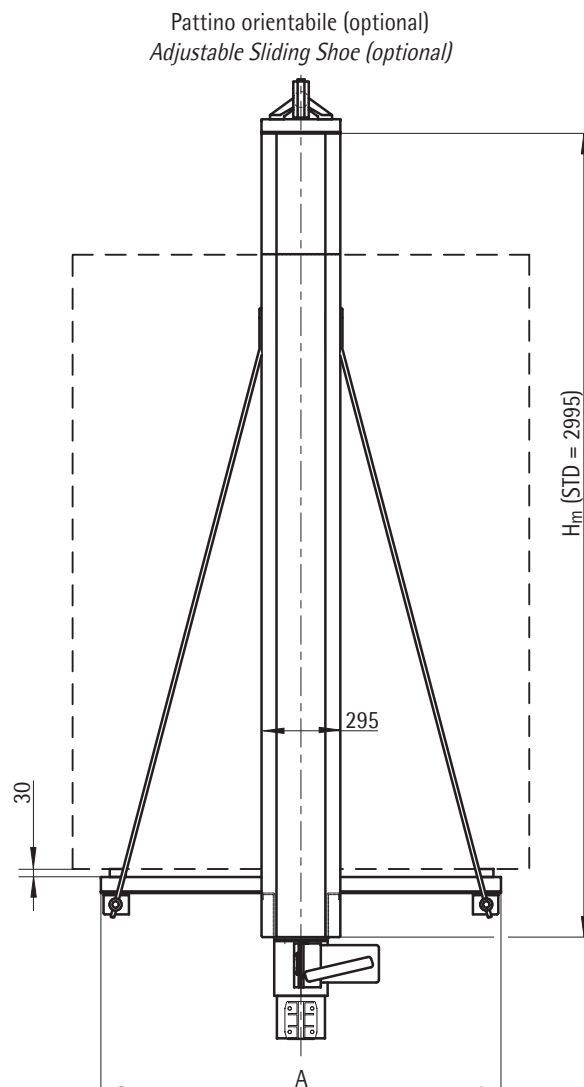
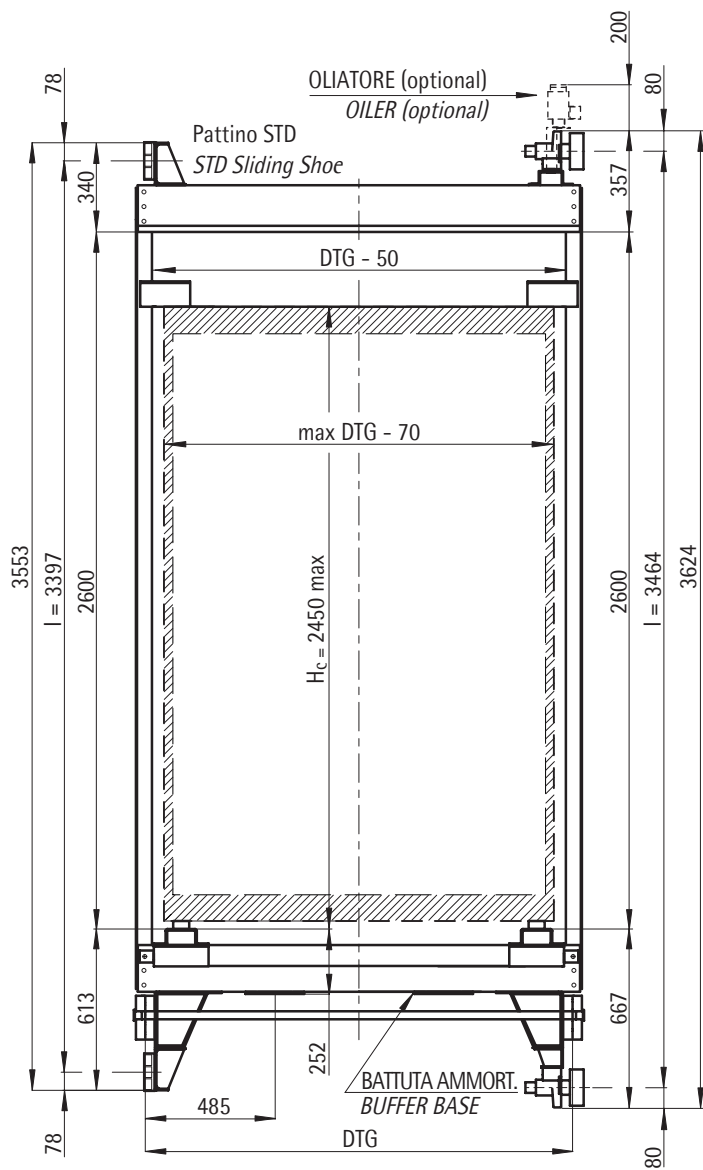


Diagramma di scelta - Choice graphic AED 6-8 US





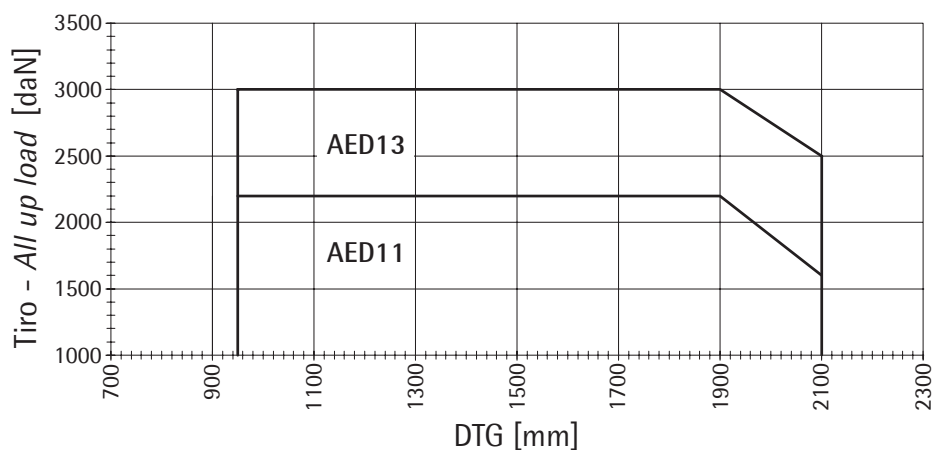
			AED11	AED13
DTG	Distanza fra le guide Distance between guides	mm mm	min 950 max 2100	
T	Tiro totale = P + Q Total weight = P + Q	daN	max 2200	max 3000
A	Lunghezza supporto cabina STD STD Car support length	mm	700 / 1000 / 1400 / 1600	
S	Profondità esterna cabina External elevator car depth	mm	max 2300	
v	Velocità impianto Installation speed	m/s	max 1,6	
z	Numero funi max Max rope number	-	6	
M _v	Massa componenti variabili Mass of variable components	kg	0,0566-DTG	0,0670-DTG
M _m	Massa montanti Mass of vertical uprights	kg	0,0248-H _m (STD = 74,3)	
M _s	Massa appoggio cabina Car support mass	kg kg kg kg kg kg	18,0 25,5 35,6 40,6 0,0254-A	
M _a (*)	Massa arcata Car frame mass	kg	M _v +M _m +M _s +142	M _v +M _m +M _s +148
Tipo guide / Guide type		mm	80x80x9; 90x75x16; 125x82x16	

(*) completa di paracadute e capofune lato cabina
complete with safety gear and rope tensioning rod on car side

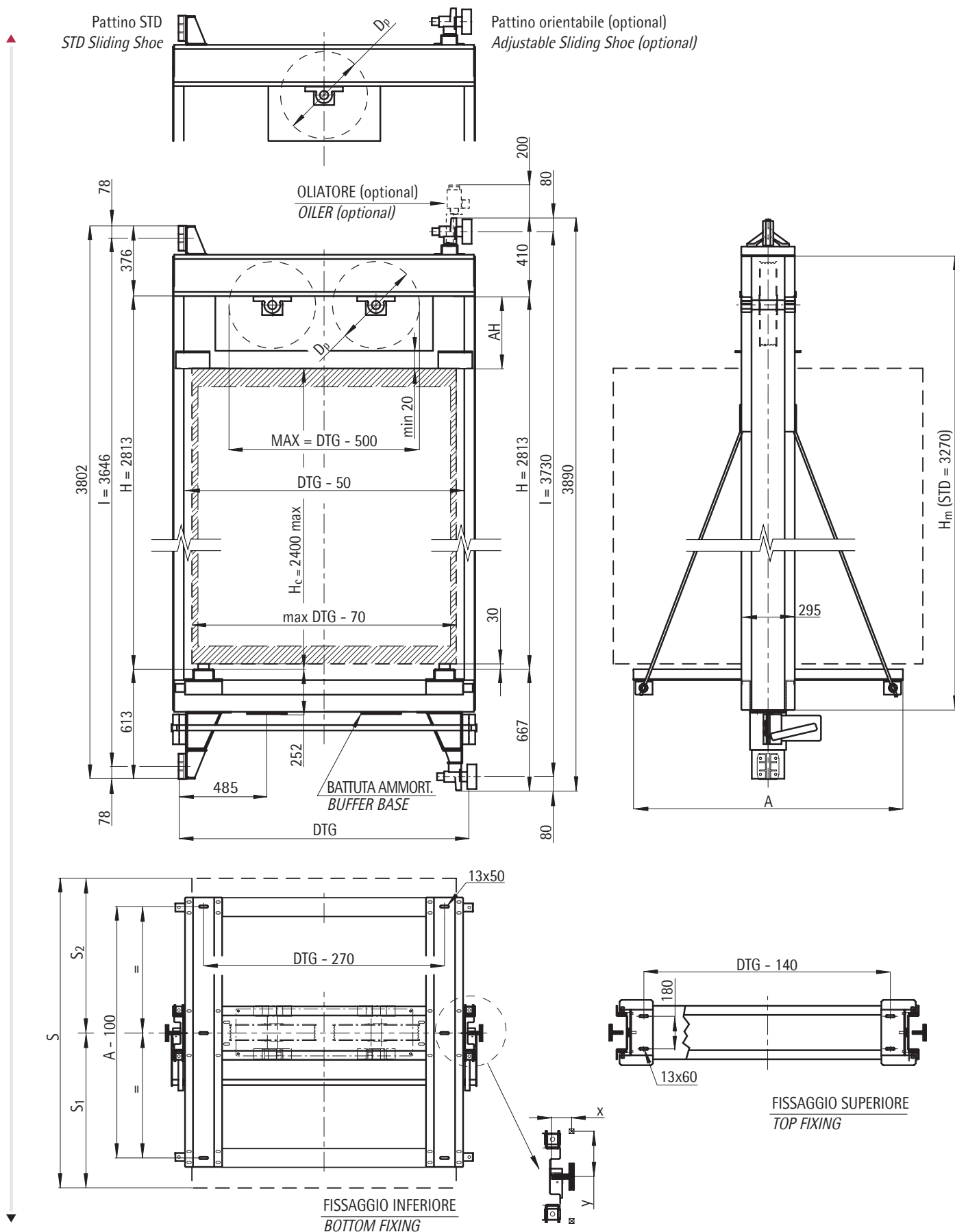
Tipo paracadute Safety gear type	Posizione fune limitatore Governor rope position	
	x mm	y mm
LADI-14, LADP-14	54	140
LADI-16, LADP-16	58	140
PC14DA	40	180
EB75KD	50	215 / 235

Tab. 1

Diagramma di scelta - Choice graphic AED 11-13



AET 11-13 TP



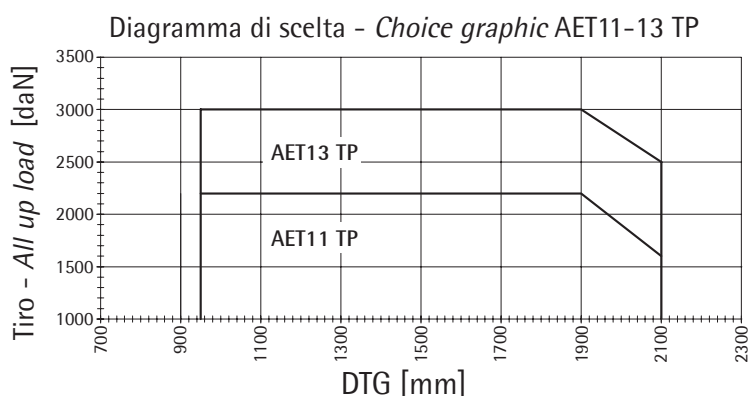
AET 11-13 TP

			AED11 TP	AED13 TP
DTG	Distanza fra le guide Distance between guides	mm mm	min 1100 max 2100	
T	Tiro totale = P + Q Total weight = P + Q	daN	max 2200	max 3000
A	Lunghezza supporto cabina STD STD Car support length	mm	700 / 1000 / 1400 / 1600	
S	Profondità esterna cabina External elevator car depth	mm	max 2300	
D _p	Diametro pulegge Pulley diameter	mm	max 650	
n _p	Numero pulegge Number of pulleys	mm	1 / 2	
AH	Ingombro pulegge Overall dimensions of pulleys		D _p /2+150	
v	Velocità impianto Installation speed	m/s	max 1,6	
z	Numero funi max Max rope number	-	6	
M _v	Massa componenti variabili Mass of variable components	kg	0,0597-DTG	0,0715-DTG
M _m	Massa montanti Mass of vertical uprights	kg	0,0248·H _m (STD = 81,0)	
M _s	Massa appoggio cabina Car support mass	kg kg kg kg kg	18,0 25,5 35,6 40,6 0,0254·A	
M _c	Massa carter Pulley housing mass	kg	0,0148·(D _p ·n _p /2)	
M _p	Massa puleggia/e Pulley mass	kg	Vedi catalogo pulegge See pulley catalogue	
M _a (*)	Massa arcata Car frame mass	kg	M _v +M _m +M _s +M _c +M _p +144	M _v +M _m +M _s +M _c +M _p +150
Tipo guide / Guide type		mm	80x80x9; 90x75x16; 125x82x16	

(*) completa di paracadute e capofune lato cabina
complete with safety gear and rope tensioning rod on car side

Tipo paracadute Safety gear type	Posizione fune limitatore Governor rope position	
	x mm	y mm
LADI-14, LADP-14	54	140
LADI-16, LADP-16	58	140
PC14DA	40	180
EB75KD	50	215 / 235

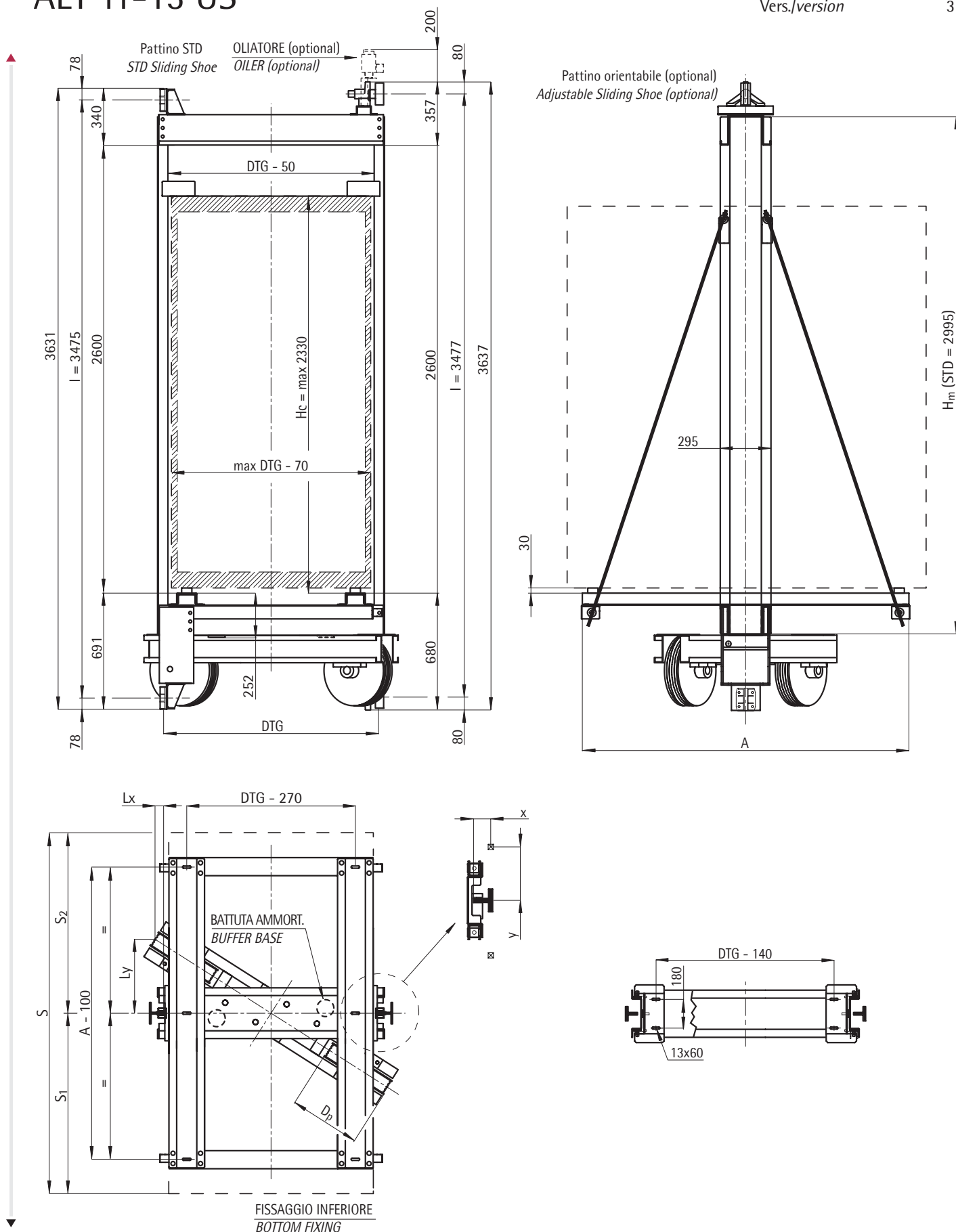
Tab. 1



ARCATA A FUNE TAGLIA 2:1 (INFERIORE ORIENTABILE)
ROPE CAR FRAME SUSPENSION 2:1 (UNDERSLUNG SKEWED)

Cod. CT.TEC.001
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AET 11-13 US



ARCATA A FUNE TAGLIA 2:1 (INFERIORE ORIENTABILE)
ROPE CAR FRAME SUSPENSION 2:1 (UNDERSLUNG SKEWED)

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AET 11-13 US

			AED11 US	AED13 US
DTG	Distanza fra le guide Distance between guides	mm mm	min 1200 max 2100	
T	Tiro totale = P + Q Total weight = P + Q	daN	max 2200	max 3000
A	Lunghezza supporto cabina STD STD Car support length	mm	700 / 1000 / 1400 / 1600	
S	Profondità esterna cabina External elevator car depth	mm	max 2300	
D _p	Diametro pulegge Pulley diameter	mm	max 500	
L _x	Distanza centro gole puleggia - testa guida Distance between centre of pulley grooves and guide head	mm	min 50	
L _y	Distanza centro puleggia - asse guide Distance between centre of pulley grooves and guide axis	mm	Vedi diagramma 1 See diagram 1	
v	Velocità impianto Installation speed	m/s	max 1,6	
z	Numero funi max Max rope number	-	6	
M _v	Massa componenti variabili Mass of variable components	kg	0,0868-DTG	0,0972-DTG
M _m	Massa montanti Mass of vertical uprights	kg	0,0248-H _m (STD = 74,3)	
M _s	Massa appoggio cabina Car support mass	kg kg kg kg kg	18,0 25,5 35,6 40,6 0,0254-A	
M _p	Massa pulegge Mass of pulleys	kg	Vedi catalogo pulegge See pulley catalogue	
M _a (*)	Massa arcata Car frame mass	kg	M _v +M _m +M _s +M _p +129	M _v +M _m +M _s +M _p +135
Tipo guide / Guide type		mm	80x80x9; 90x75x16; 125x82x16	

(*) completa di paracadute e capofune lato cabina
complete with safety gear and rope tensioning rod on car side

Tipo paracadute Safety gear type	Posizione fune limitatore Governor rope position	
	x mm	y mm
EB75KD	50	215 / 235

Tab. 1

Diagramma 1 - Diagram 1

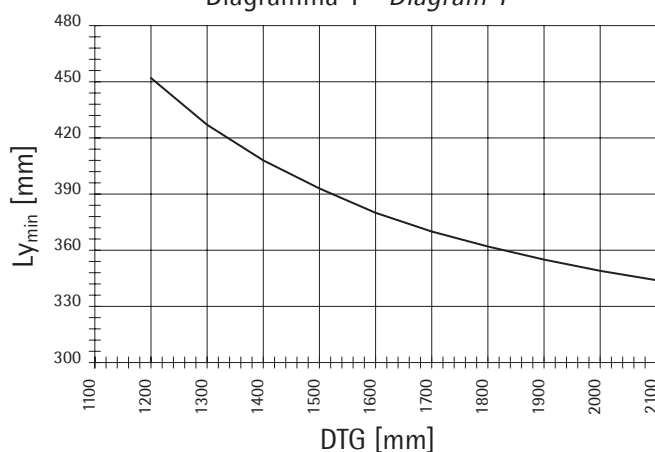
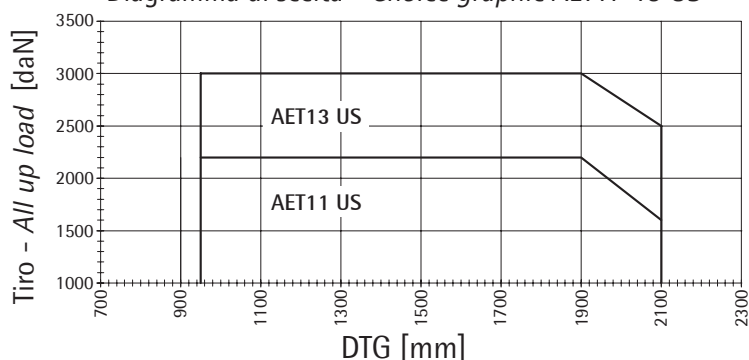


Diagramma di scelta - Choice graphic AET11-13 US

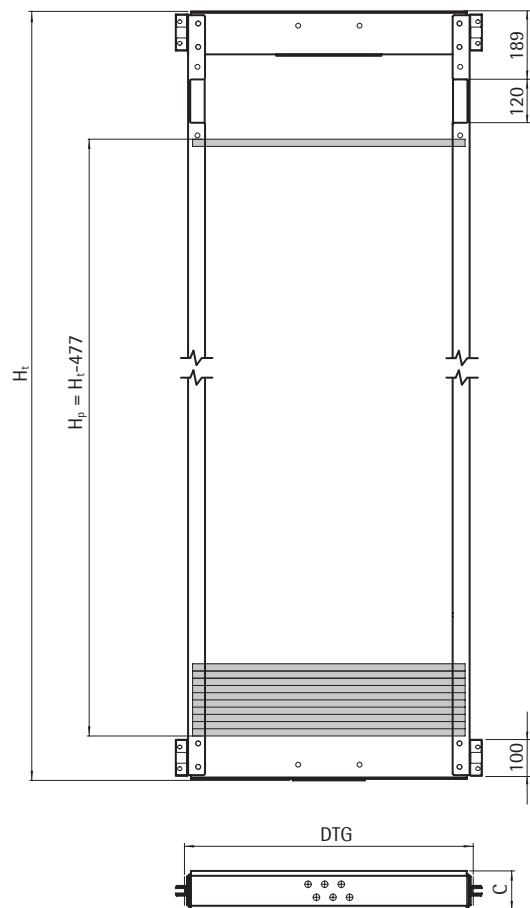


Cod.	CT.TEC.001
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CONTRAPPESI & ACCESSORI *COUNTERWEIGHTS & ACCESSORIES*



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			CP8/100		CP8/120	
DTG	Distanza fra le guide <i>Distance between guides</i>	mm mm mm	std 600 min 500 max 1050	std 850	std 600 min 500 max 1150	std 850
T	Tiro totale = P+Q/2 Total weight = P+Q/2	daN	max 1100		max 1200	
C	Larghezza max telaio <i>Frame max width</i>	mm	100		120	
H _t	Altezza esterna telaio <i>External frame height</i>	mm mm	std 2900 max 3500		std 2900 max 3500	
B	Larghezza masse aggiuntive <i>Additional weight width</i>	mm	70		90	
z	Numero max funi <i>Max rope number</i>	-	6		6	
v	Velocità impianto <i>Installation speed</i>	m/s	max 1,6			
M _t	Massa telaio <i>Frame mass</i>	kg	*		**	
Tipo guide / <i>Guide type</i>		mm	50x50x5; 70x70x8; 80x80x9			

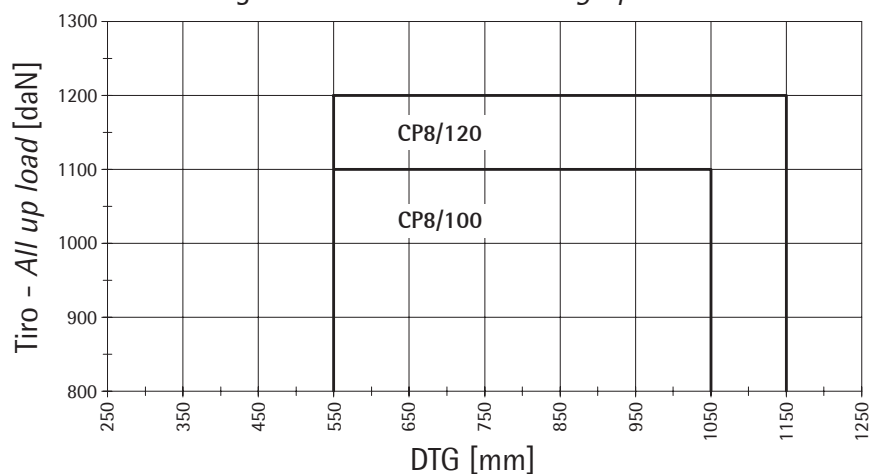
* $(0.0267 \cdot DTG) + (0.0051 \cdot H_t) + 13.6$

** $(0.0283 \cdot DTG) + (0.0057 \cdot H_t) + 15.3$

NOTE / NOTES:

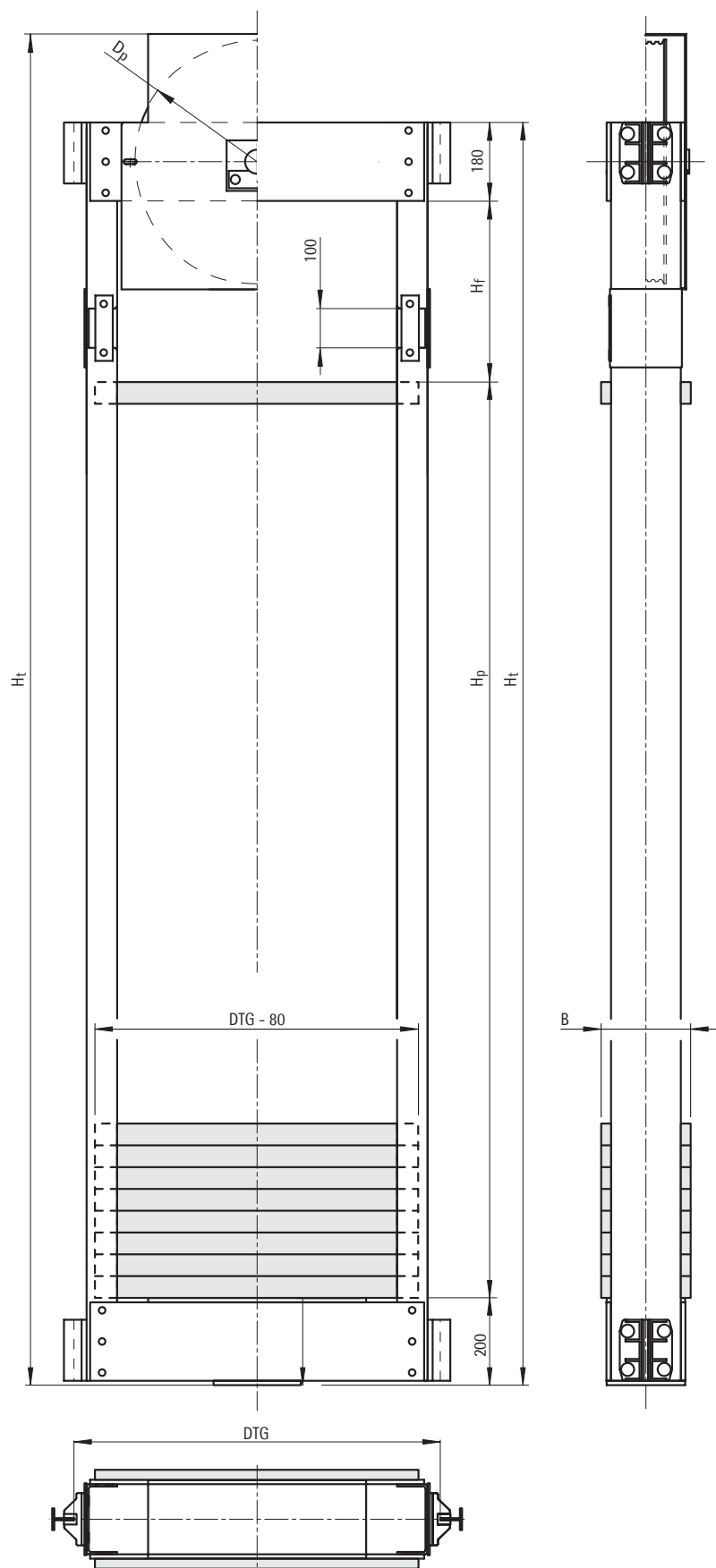
H_p = Altezza max masse aggiuntive / Max height of additional weight

Diagramma di scelta - Choice graphic CP8



CP13 & CPT13

CPT13 CP13



CP13 & CPT13

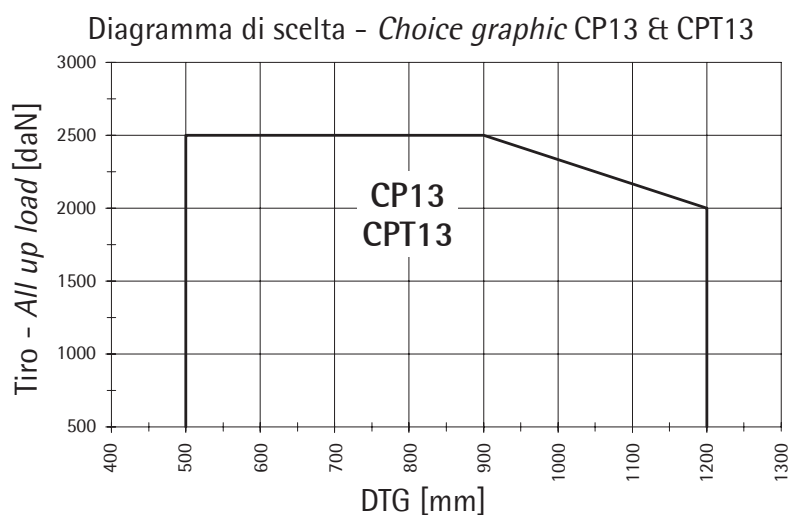
			CP13	CPT13
DTG	Distanza fra le guide Distance between guides	mm mm	min 500 max 1200	min D_p+290 max 1200
T	Tiro totale = $P + Q/2$ Total weight = $P + Q/2$	daN	max 2500	
H _f	Altezza libera Free height	mm	min 420	
D _p	Diametro puleggia Pulley diameter	mm	-	max 600
H _t	Altezza esterna telaio External frame height	mm	H_p+H_f+380	$H_p+D_p/2+H_f+308$
H _m	Altezza montanti Height of vertical uprights	mm	H_t-10	$H_t-D_p/2+62$
z	Numero funi max Max rope number	-	6	
v	Velocità impianto Installation speed	m/s	max 1,6	
M _p	Massa puleggia Pulley mass	kg	-	Vedi catalogo pulegge See pulley catalogue
M _a	Massa telaio Frame mass	kg	*	**
Spessore guide / Guide thickness		mm	5, 6, 8, 9, 16	

* $0,040 \cdot DTG + 0,018 \cdot H_t + 20$ (comprensiva di capofune / rope tensioning rod included)

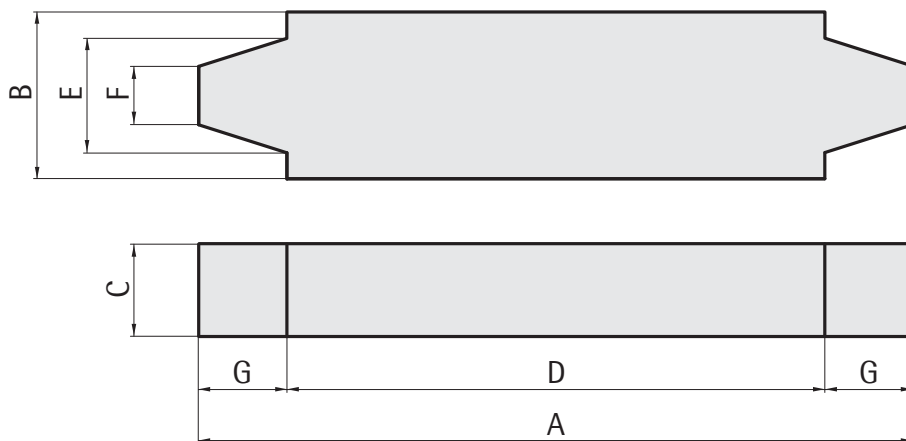
** $0,040 \cdot DTG + 0,018 \cdot H_t + M_p + 26$

NOTE / NOTES:

H_p = Altezza masse aggiuntive / Height of additional weight



BLOCCHI STANDARD IN GHISA PER CONTRAPPESO
COUNTERWEIGHT STANDARD CAST IRON MASSES



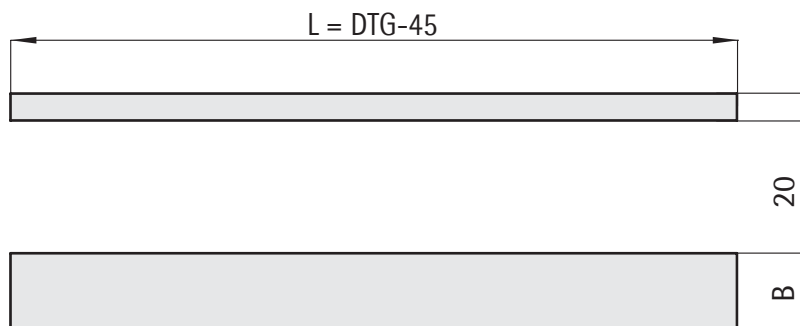
Tipo Type	A	B	C	D	E	F	G	Massa kg Mass kg
FV1	280	200	50	180	80	70	50	16
FV2	355	200	50	215	160	150	70	23
FV3	360	100	50	260	80	70	50	12
FV4	460	160	50	330	140	130	65	25
FV5	560	100	50	460	80	70	50	19
FV6	560	200	50	430	140	130	65	37
FV7	660	220	50	530	140	130	65	48
FV8	770	95	50	680	60	50	45	25
FV9	760	160	50	630	140	130	65	43
FV10	860	200	50	730	140	130	65	59
FV11	970	95	50	880	60	50	45	32
FV12	960	120	50	860	80	70	50	40
FV13	960	220	50	830	140	130	65	72
FV14	670	140	50	585	88	78	40	32
FV15	770	120	50	675	80	70	40	31
FV16	470	100	50	400	60	55	35	14,5
FV17	530	110	50	440	87		45	19.5

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BLOCCHI SPECIALI PER CONTRAPPESO COUNTERWEIGHT SPECIAL MASSES

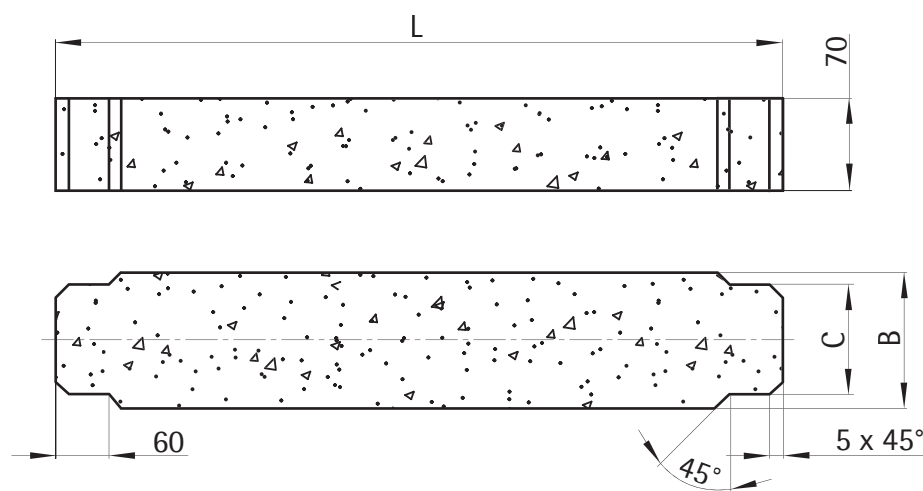
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Pani in ferro
Iron masses



Tipo Type	B	Massa kg Mass kg
C1-FE	70	0,011·(DTG-45)
C2-FE	90	0,0142·(DTG-45)

Pani in barite
Barite masses

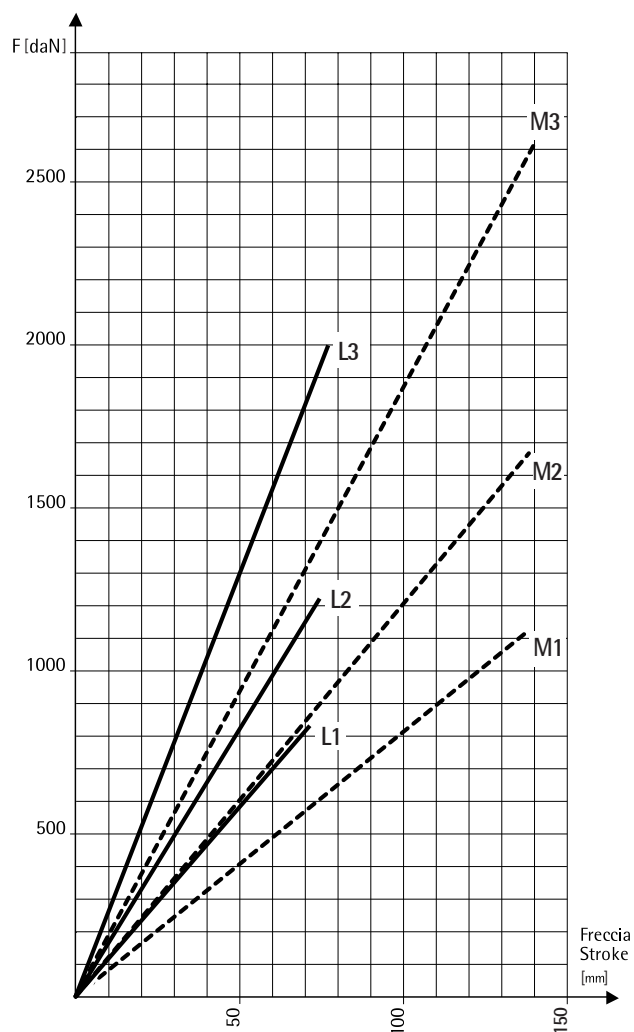
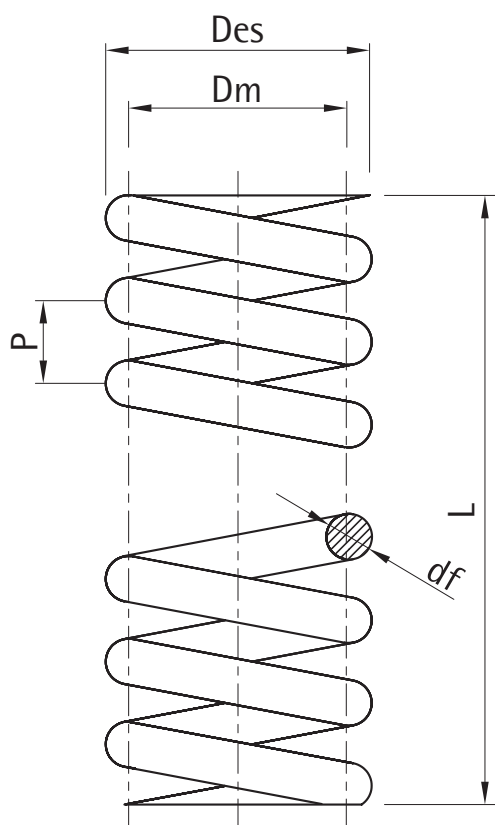


Tipo Type	L	B	C	Massa kg Mass kg
C1-BAR	750	100	70	20
C2-BAR	550	150	110	22
C3-BAR	730	180	110	35
C4-BAR	470	150	115	19

ACCESSORI
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AMMORTIZZATORI A MOLLA SPRING BUFFERS

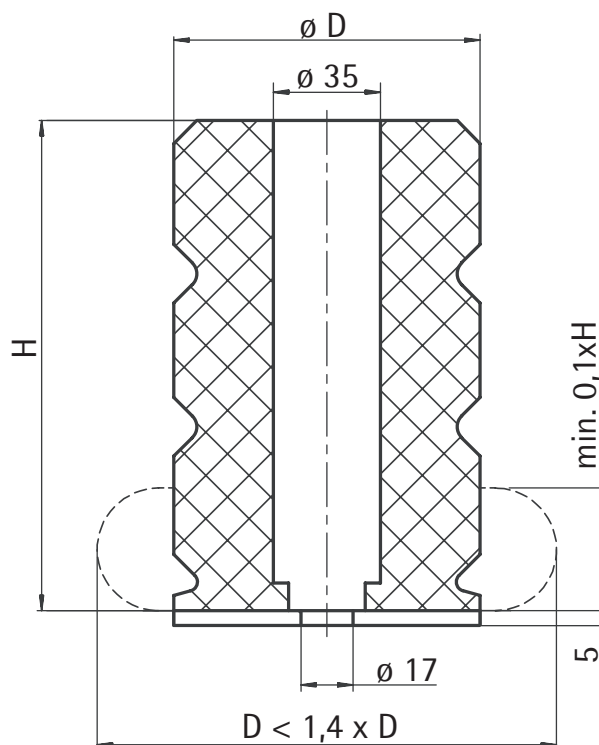
Cod. CT.TEC.001
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TIPO - TYPE CODICE - CODE			L1 1900.05.3001V01	L2 1900.05.3001V02	L3 1900.05.3001V03	M1 1900.05.3001V07	M2 1900.05.3001V08	M3 1900.05.3001V09
df	Diametro filo Spring wire diameter	mm	14	15	18	15	16	18
Des	Diametro esterno spira External turn diameter	mm	85	90	98	103	100	104
Dm	Diametro medio spira Medium turn diameter	mm	71	75	80	88	84	86
L	Lunghezza libera Free length	mm	230	210	250	290	300	310
p	Passo Pitch	mm	23.22	26.78	29.73	31.80	33.00	36.30
n	Numero spire attive Number of active turns	-	9.30	7.29	7.80	8.65	8.61	8.04
G	Modulo di elasticità Elastic modulus	daN/mm ²	7850	7850	7850	7850	7850	7850
f	Freccia massima Maximum stroke	mm	72.78	74.88	77.56	132.31	132.53	132.73
F	Carico massimo Maximum load	daN	824.22	1211.14	2000.52	1115.29	1670.87	2672.13
k	Costante elastica Constant of elasticity	daN/mm	11,325	16,174	25,793	8,429	12,607	20,132

AMMORTIZZATORI POLIURETANICI POLYURETHANIC BUFFERS

Utilizzabili fino ad una velocità di 1,0 m/s per ascensori conformi alla Direttiva Ascensori 95/16/CE, EN 81 e TRA
Applicable up to the speed of 1.0 m/s for lifts according to Lifts Directive 95/16/EC, EN 81 and TRA



Tipo Type	Dimensioni / Dimensions		N° certificato Certificate No.	Carico / Load (kg)		
	D mm	H mm		v = 0,4 m/s	v = 0,63 m/s	v = 1,0 m/s
E 1	100	160	AP003/E1	max 1344 min 103	max 1030 min 128	max 927 min 128
E 2	125	100	AP003/E2	max 1661 min 153	max 1504 min 263	max 1486 min 263
E 3	125	160	AP003/E3	max 1504 min 128	max 1344 min 263	max 1106 min 263
E 4	125	200	AP003/E4	max 1661 min 103	max 1504 min 153	max 1442 min 253
E 4-45	125	200	AP003/E4-45	-	-	max 822 min 203
E 5	140	100	AP003/E5	max 2744 min 203	max 2120 min 203	max 1980 min 203
E 6	140	200	AP003/E6	max 2451 min 203	max 2120 min 278	max 1966 min 278
E 7	165	160	AP003/E7	max 3434 min 278	max 3117 min 395	max 3035 min 465
E 9	220	160	AP003/E9	max 7567 min 465	max 7043 min 568	max 6500 min 1344
E 11	140	250	AP003/E11	max 2744 min 228	max 2744 288	max 2502 min 228
T 1	80	80	AP003/T1	max 1450 min 153	max 1300 min 153	-
T 2	100	80	AP003/T2	max 1886 min 153	max 1137 min 153	max 800 min 290
T 3	125	80	AP003/T3	max 2650 min 228	max 1344 min 278	max 1000 min 228
T 4	165	80	AP003/T4	max 6170 min 310	max 3000 min 503	max 2450 min 568
T 5	220	80	AP003/T5	max 9200 min 465	max 6414 min 1000	max 6000 min 1344

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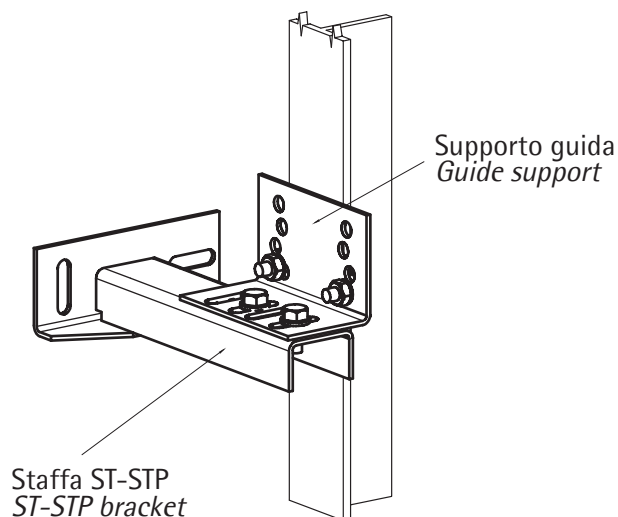
STAFFE GUIDA GUIDE BRACKETS

Cod. CT.TEC.001
Pag./page 3.10
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Gruppo ST-STP ST-STP Group

Gamma composta da 5 + 5 modelli di staffe, compresi di staffa fissaggio guida e viterie.

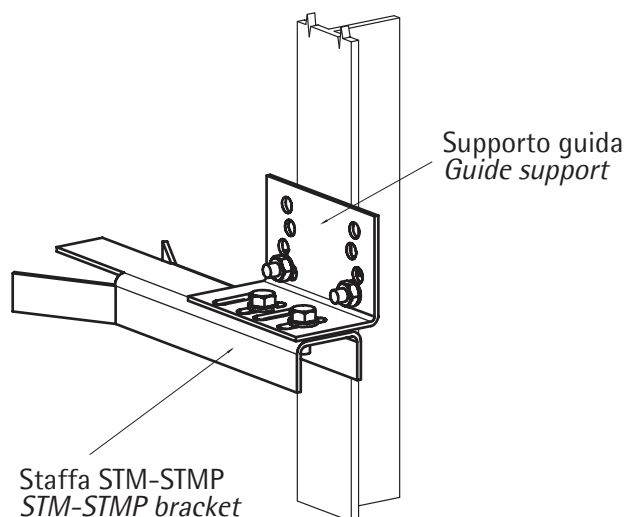
Range of 5 + 5 bracket types, complete with guide fixing brackets and screws.



Gruppo STM-STMP STM-STMP Group

Gamma composta da 5 + 5 modelli di staffe, compresi di staffa fissaggio guida e viterie.

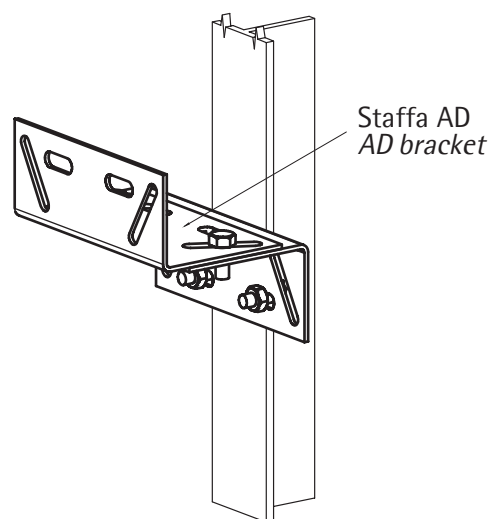
Range of 5 + 5 bracket types, complete with guide fixing brackets and screws.



Gruppo AD AD Group

Ideale per spazi ridotti fra guide e muro/incastellatura, composte da 2 staffe sovrapponibili e viterie.

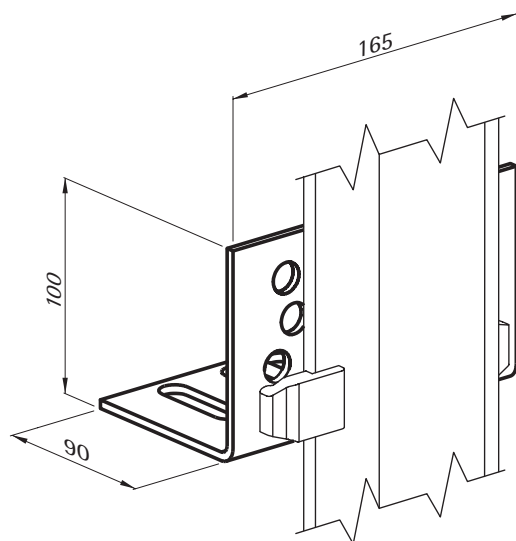
Particularly suitable for small distances between guide rails and shaft wall/frame, composed of two brackets placed one on top of the other and screws.



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SUPPORTI GUIDA PER STAFFE ST-STP & STM-STMP GUIDE SUPPORTS FOR ST-STP & STM-STPM BRACKETS

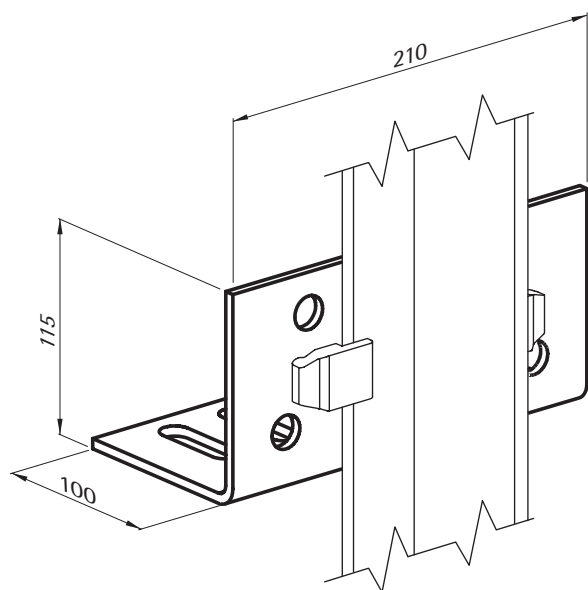
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Cod. 1800.05.5005

(da accoppiare a staffe tipo ST e STM)
(for connecting to brackets type ST and STM)

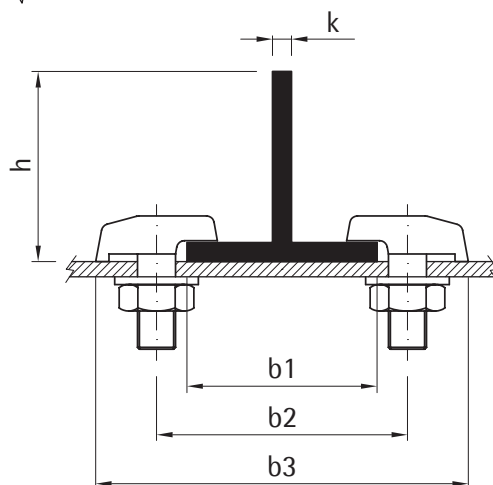
b1	h	k	b2	b3	Guida / Guide ISO 7465	Brida Clamp
70	70	8	86	122	T70-2/A	T2 - M12
80	80	9	100	148	-	T3 - M14
70	65	9	86	122	T70-1/A	T2 - M12
75	55	10	91	127	-	T2 - M12
70	70	9	86	122	-	T2 - M12
75	62	10	91	127	T75-3/A	T2 - M12
90	65	14	110	158	-	T3 - M14
89	62	16	110	158	T89/A	T3 - M14
90	75	16	110	158	T90/A	T3 - M14
90	75	16	110	158	T90/B	T3 - M14



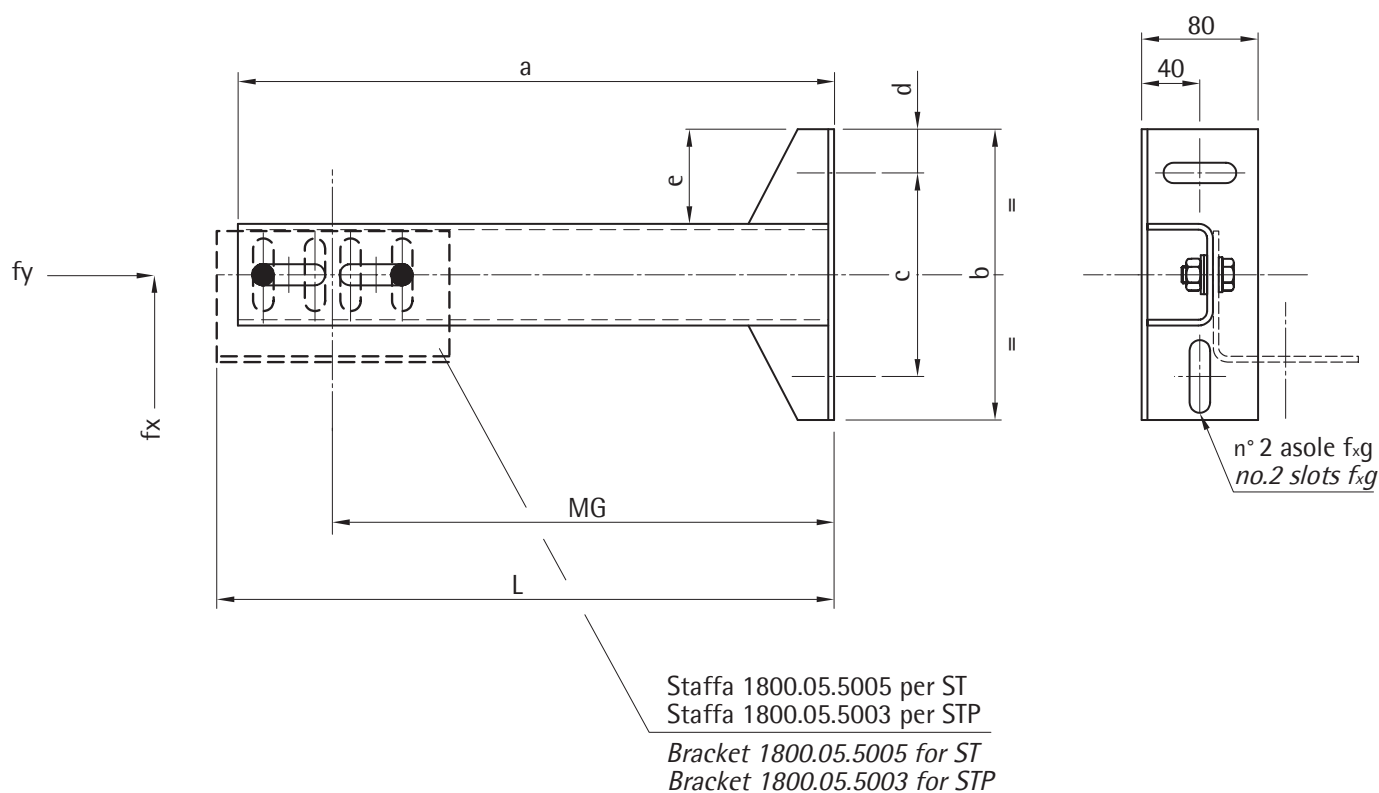
Cod. 1800.05.5003

(da accoppiare a staffe tipo STP e STMP)
(for connecting to brackets type STP and STMP)

b1	h	k	b2	b3	Guida / Guide ISO 7465	Brida Clamp
90	75	16	110	158	T90/A	T3-M14
90	75	16	110	158	T90/B	T3-M14
125	82	16	147	197	T125/B	M16
127	89	16	150	200	T127-1/B	M16
127	89	16	150	205	T127-2/B	M18



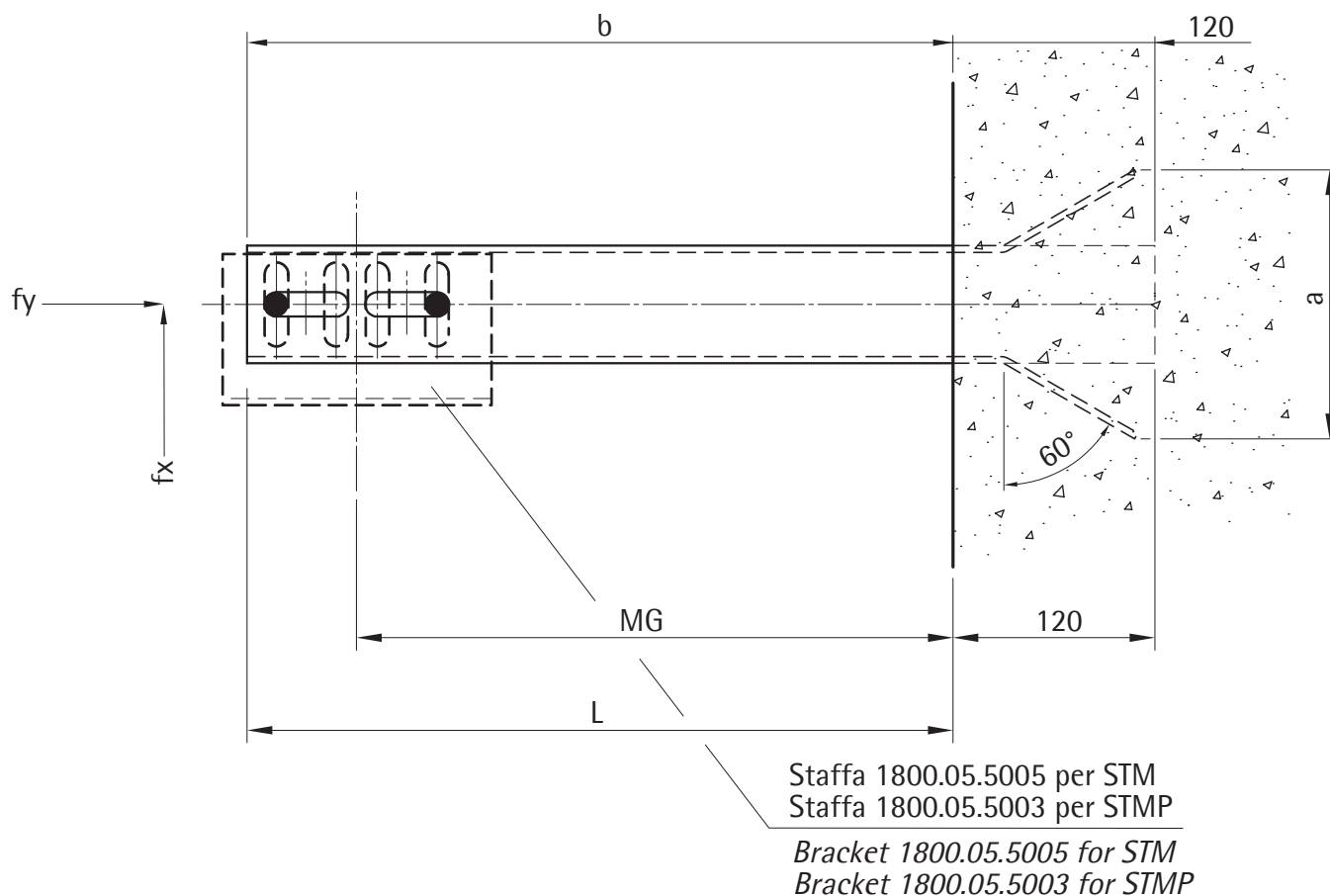
STAFFE GUIDA TIPO ST & STP
GUIDE BRACKETS TYPE ST & STP



Tipo Type	Codice Code	MG min mm	MG max mm	L max mm	a	b	c	d	e	f	g	Massa Mass kg	Forza Max Max Force fx daN	fy daN
ST1	1800.04.0002L025	150	220	300	250							2.84	315	378
ST2	1800.04.0002L029	190	260	340	290							3.02	267	320
ST3	1800.04.0002L033	230	300	380	330	200	140	30	65	14.5	50	3.20	231	277
ST4	1800.04.0002L037	270	340	420	370							3.39	203	244
ST5	1800.04.0002L041	310	380	460	410							3.57	201	241
STP1	1800.04.0001L027	150	220	320	273							4.77	532	638
STP2	1800.04.0001L031	190	260	360	313							5.05	450	540
STP3	1800.04.0001L035	230	300	400	353	260	180	40	87.5	18	50	5.32	390	468
STP4	1800.04.0001L039	270	340	440	393							5.60	344	412
STP5	1800.04.0001L044	310	380	490	443							5.94	308	370

STAFFE GUIDA TIPO STM & STMP

GUIDE BRACKETS TYPE STM & STMP

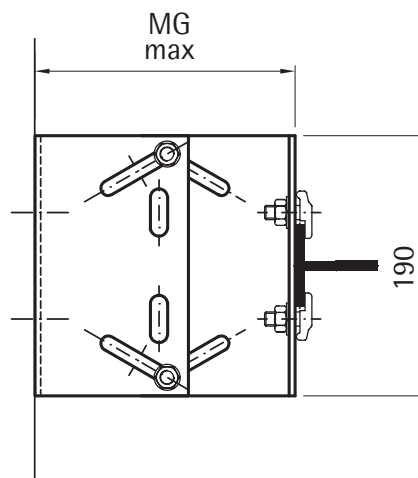
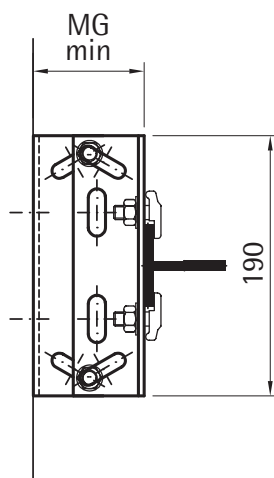
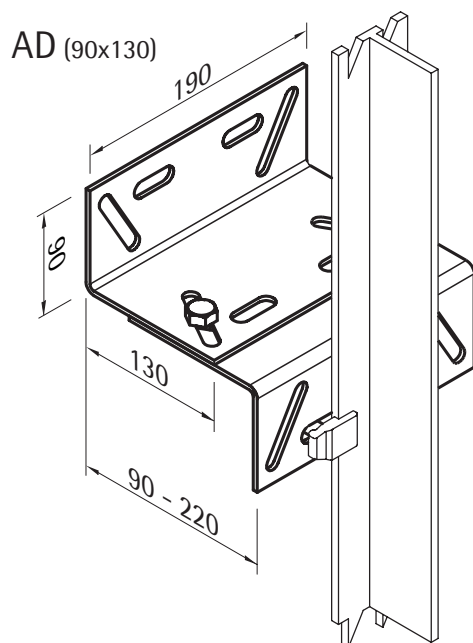
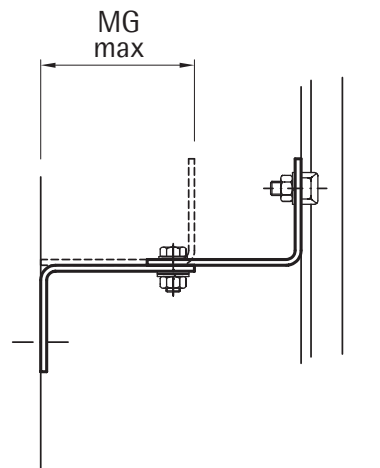
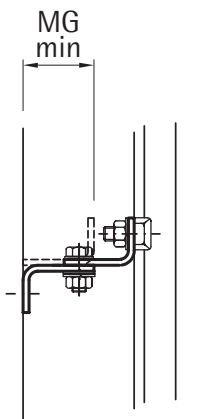
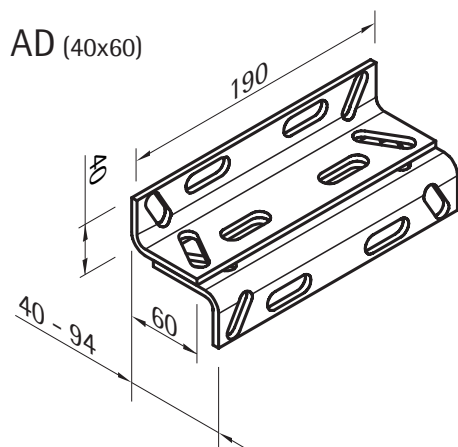


Tipo Type	Codice Code	MG min mm	MG max mm	L max mm	a	b	Massa Mass kg	Forza Max Max Force	
								fx daN	fy daN
STM1	1800.05.5008L037	146	217	297	250	160	2.40	315	378
STM2	1800.05.5008L041	186	257	337	290		2.60	267	320
STM3	1800.05.5008L045	226	297	377	330		2.78	231	277
STM4	1800.05.5008L049	266	337	417	370		2.96	203	244
STM5	1800.05.5008L053	306	377	457	410		3.18	201	241
STMP1	1800.05.5007L039	150	220	315	270	175	4.31	532	638
STMP2	1800.05.5007L044	190	260	355	320		4.58	450	540
STMP3	1800.05.5007L048	230	300	395	360		4.86	390	468
STMP4	1800.05.5007L052	270	340	435	400		5.13	344	412
STMP5	1800.05.5007L057	320	390	485	450		5.47	308	370

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STAFFE GUIDA TIPO AD GUIDE BRACKETS TYPE AD

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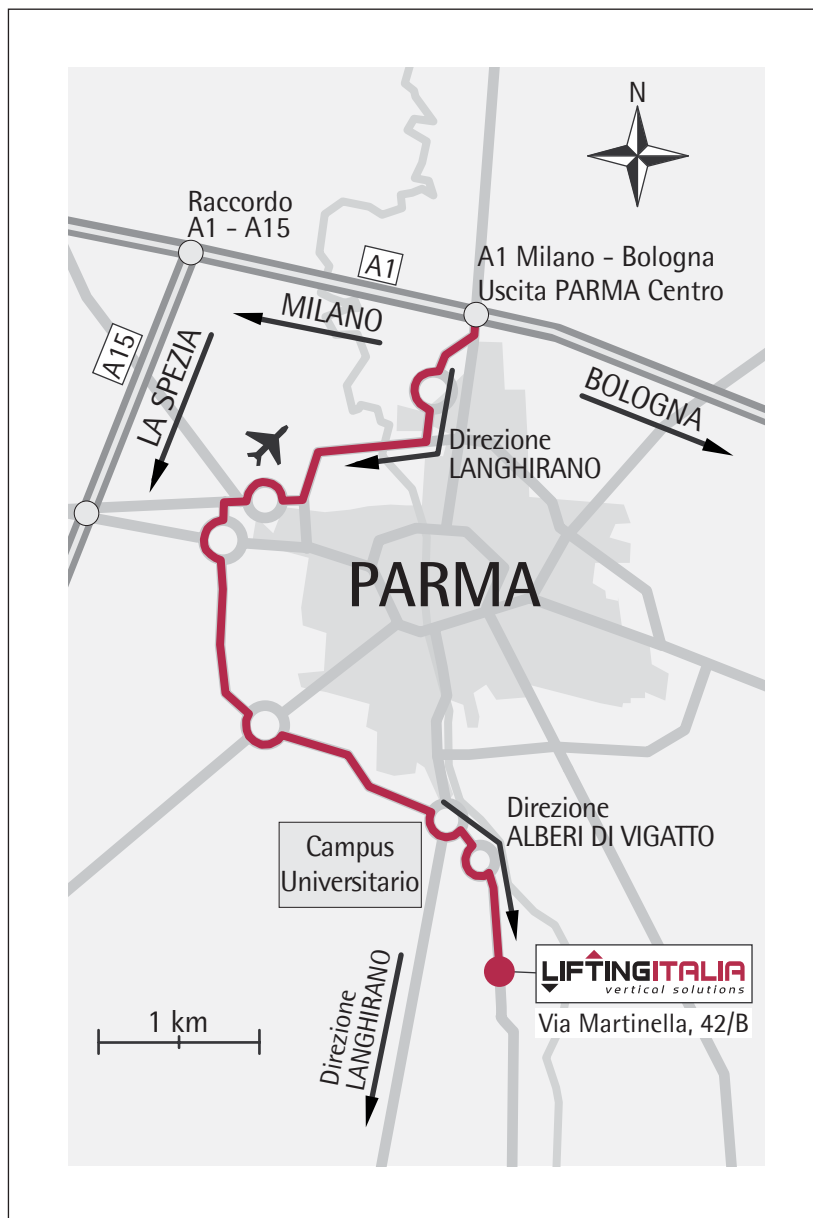


Tipo Type	Codice Code	MG min mm	MG max mm	Massa Mass kg
AD40x60	1800.03.5002	40	94	1.24
AD90x130	1800.03.5001	90	220	2.90

Utilizzabili con guide T70-1/A, T70-2/A, T75-3/A, T82/A, T89/B, T90/A e T90/B
Applicable with T70-1/A, T70-2/A, T75-3/A, T82/A, T89/B, T90/A and T90/B guides

COME RAGGIUNGERCI
HOW TO REACH US

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- Autostrada A1 Milano - Bologna: Uscita PARMA Centro
 - Seguire le indicazioni per LANGHIRANO
 - Alla rotonda del Campus Universitario seguire le indicazioni per ALBERI DI VIGATTO
 - Proseguire lungo via Martinella per circa 500 m. Ci trovate sulla sinistra.
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- *A1 Motorway Milan - Bologna: Exit PARMA Centro*
 - *Head towards LANGHIRANO*
 - *At the rondabout near the University Campus head towards ALBERI DI VIGATTO*
 - *Continue along Via Martinella for about 500 m. You will find us on the left.*

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