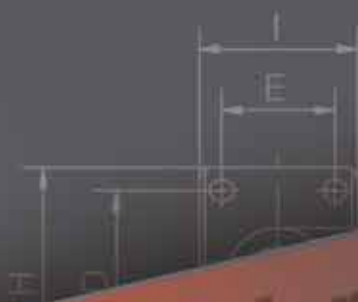
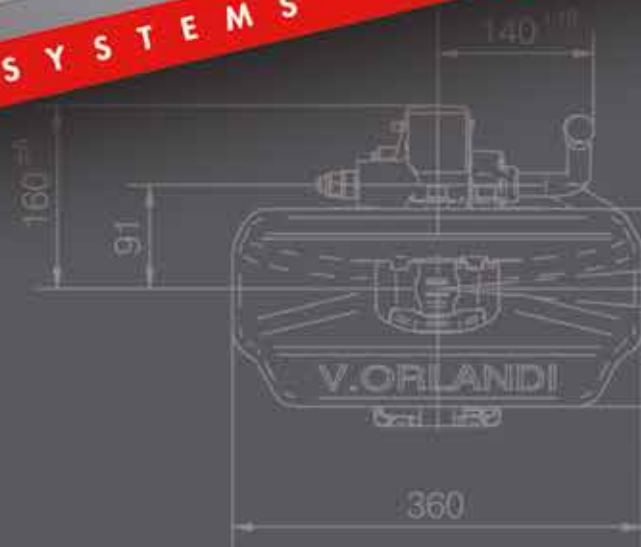




# V. ORLANDI

TOWING SYSTEMS



## Programma di produzione

Production programme - Produktionsprogramm - Programme de production

Ganci di traino - Kit complementari - Occhioni - Traverse  
Drawbar couplings - Complementary Kits - Drawbar eyes - Towbars  
Anhängerkupplungen - Aufrüstsätze - Zugösen - Anhängerböcke  
Crochets d'attelage - Kits complémentaires - Anneaux d'attelage - Traverses

since 1859

ed.23







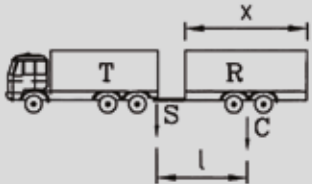


[www.orlandi.it](http://www.orlandi.it)





































Check for the last update

# Indice generale - General index

	<p>Ganci di traino Drawbar couplings</p>	<p>Page 4</p>
	<p>Kits complementari Complementary kits</p>	<p>Page 46</p>
	<p>Kit luci Smart kits</p>	<p>Page 55</p>
	<p>Occhioni Drawbar eyes</p>	<p>Page 58</p>
	<p>Traverse Towbars</p>	<p>Page 71</p>
	<p>Prodotti fuori produzione Out of production</p>	<p>Page 81</p>
	<p>Parametri tecnici dei sistemi di traino Technical parameters of towing system</p>	<p>Page 82</p>












# Ganci di traino - Drawbar couplings

## GANCI A PERNO - PIN DRAWBAR COUPLINGS













Serie Series	Omologazione Homologation	Descrizione Description	Per occhioni For drawbar eyes			Pag.
 E40	ECE R55-01	Ganci di traino automatici rigidi <i>Automatic rigid drawbar couplings</i>	ø 40 mm			6
 EH45	ECE R55-01	Ganci di traino automatici campana snodata <i>Automatic drawbar couplings</i>	ø 45 mm			8
 NUOVO LUPO	CUNA	Ganci di traino manuali campana snodata <i>Manual drawbar couplings</i>	ø 45 mm			10
 E50	ECE R55-01	Ganci di traino automatici rigidi <i>Automatic rigid drawbar couplings</i>	ø 50 mm			12
 E525	ECE R55-01	Ganci di traino automatici rigidi <i>Automatic rigid drawbar couplings</i>	ø 50 mm			14
 E550 PACIFIC	ECE R55-01	Ganci di traino automatici rigidi <i>Automatic rigid drawbar couplings</i>	ø 50 mm			16
 EH50	ECE R55-01	Ganci di traino automatici campana snodata <i>Automatic drawbar couplings</i>	ø 50 mm			18
 MV50	ECE R55-01	Ganci di traino automatici a norma BNA <i>Automatic couplings BNA standard</i>	ø 68 T			20
 MV505	ECE R55-01	Ganci di traino automatici a norma BNA <i>Automatic couplings BNA standard</i>	ø 68 T			22
 E57	ECE R55-01	Ganci di traino automatici rigidi <i>Automatic rigid drawbar couplings</i>	ø 57,5 mm			24
 GA25	ECE R55-01	Ganci di traino automatici per veicoli leggeri <i>Automatic couplings</i>	ø 40 mm			26
 GA38	ECE R55-01	Ganci di traino automatici per veicoli leggeri <i>Automatic couplings</i>	ø 40 mm			28














## GANCI A SFERA - BALL HITCHES

Serie Series	Omologazione Homologation	Descrizione Description	Per occhioni For drawbar eyes			Pag.
DE70 	94/20/CE	Ganci a sfera per veicoli leggeri Ball hitches for light vehicles	B 50 ø 50 mm ø 40 mm ø 76 T			30
DE72 	ECE R55-01	Ganci a sfera per veicoli leggeri Ball hitches for light vehicles	B 50			30
DEDALO 		Ganci a sfera per veicoli leggeri Ball hitches for light vehicles	B 50			31

## GANCI AD UNCINO - PINTLE HOOKS

UN96 	ECE R55-01	Ganci semi automatici ad uncino Semi automatic pintle hook	ø 76 T			32
UN761 	ECE R55-01	Ganci semi automatici ad uncino Semi automatic pintle hook	ø 76 T			34
UN45 	94/20/CE	Ganci ad uncino per veicoli leggeri Pintle hook for light vehicles	ø 45 T ø 76 T			34
ULPYO 	CUNA	Ganci ad uncino per veicoli leggeri Pintle hook for light vehicles	ø 45 T ø 76 T			35

## GANCI SPECIALI - SPECIAL DRAWBAR COUPLINGS

GS900 	ECE R55-01	Ganci trasporto vetture Car transporter drawbar couplings				36
HERCULES 	CUNA	Ganci per traini eccezionali HD manual drawbar couplings	ø 50 mm ø 70 mm			38
HD50/70 	ECE R55-01	Ganci per traini eccezionali HD manual drawbar couplings	ø 50 mm ø 70 mm			40
HD50/70 	ECE R55-01	Ganci per traini eccezionali HD manual drawbar couplings	ø 50 mm			42
GM10 		Ganci di manovra Towing couplings	ø 40 mm ø 50 mm ø 76 T			44



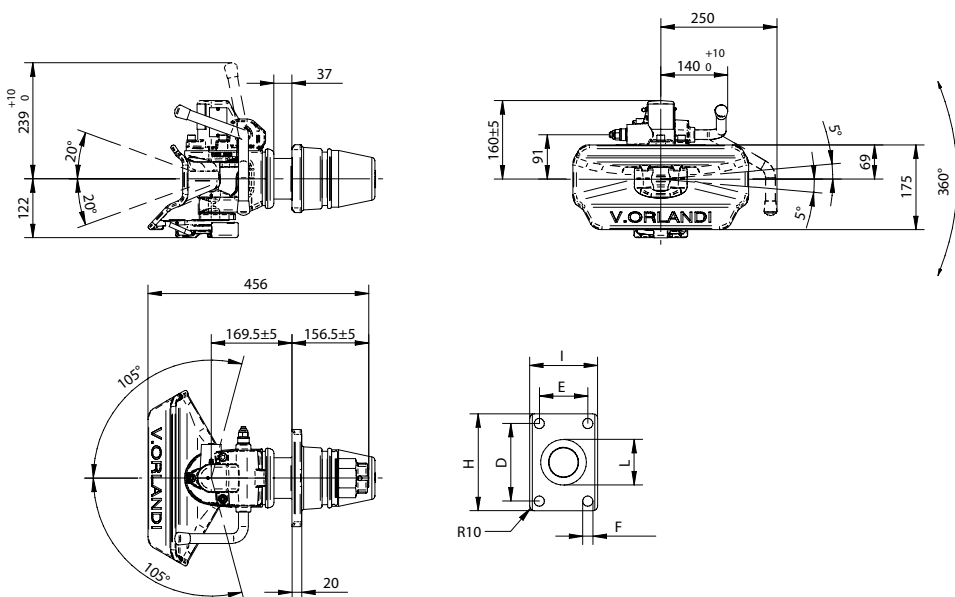
# E40

Ganci automatici - Automatic couplings

Per occhielli For drawbar eyes	<b>Ø 40</b>	DIN 74054
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## Dati tecnici - Technical data

Codice Part number	Flangia Hole pattern mm	Valore D D-Value kN	Valore Dc Dc-Value kN	Massa S S-Load kg	Valore V V-Value kN	Peso Weight kg	94/20/CE		ECE R55-01	
							Classe Class	Omologazione Homologation	Classe Class	Omologazione Homologation
GE403A0 GE403B0	120x55	70	70	700	28	34	S	e11 00-4224	S	E11 01-4224
GE404A0 GE404B0	140x80	110	92	1000	38	35,5	S	e11 00-4228	S	E11 01-4228
GE405A0 GE405B0	160x100	130	95	1000	38	37,5	S	e11 00-5339	-	-
GE406A0 GE406B0	160x100	150	100	1000	42	37,5	S	e11 00-4227	S	E11 01-4227



Crea il tuo codice:

Create your part number:

**GE XXX X X**

Valore D - D-Value

Tipo di leva - Action lever type

Versione - Version

**Valore D - D-Value**

403 = 70 kN      404 = 110 kN

405 = 130 kN      406 = 150 kN

**Tipi di leva - Action lever types**

A = Leva alta - Action lever upwards

B = Leva bassa - Action lever downwards

**Versioni - Versions**

0 = Standard

1 = Standard + CO01601

2 = Standard + CO01800 + CO02605

3 = Standard + CO01603

4 = Standard + CO01600

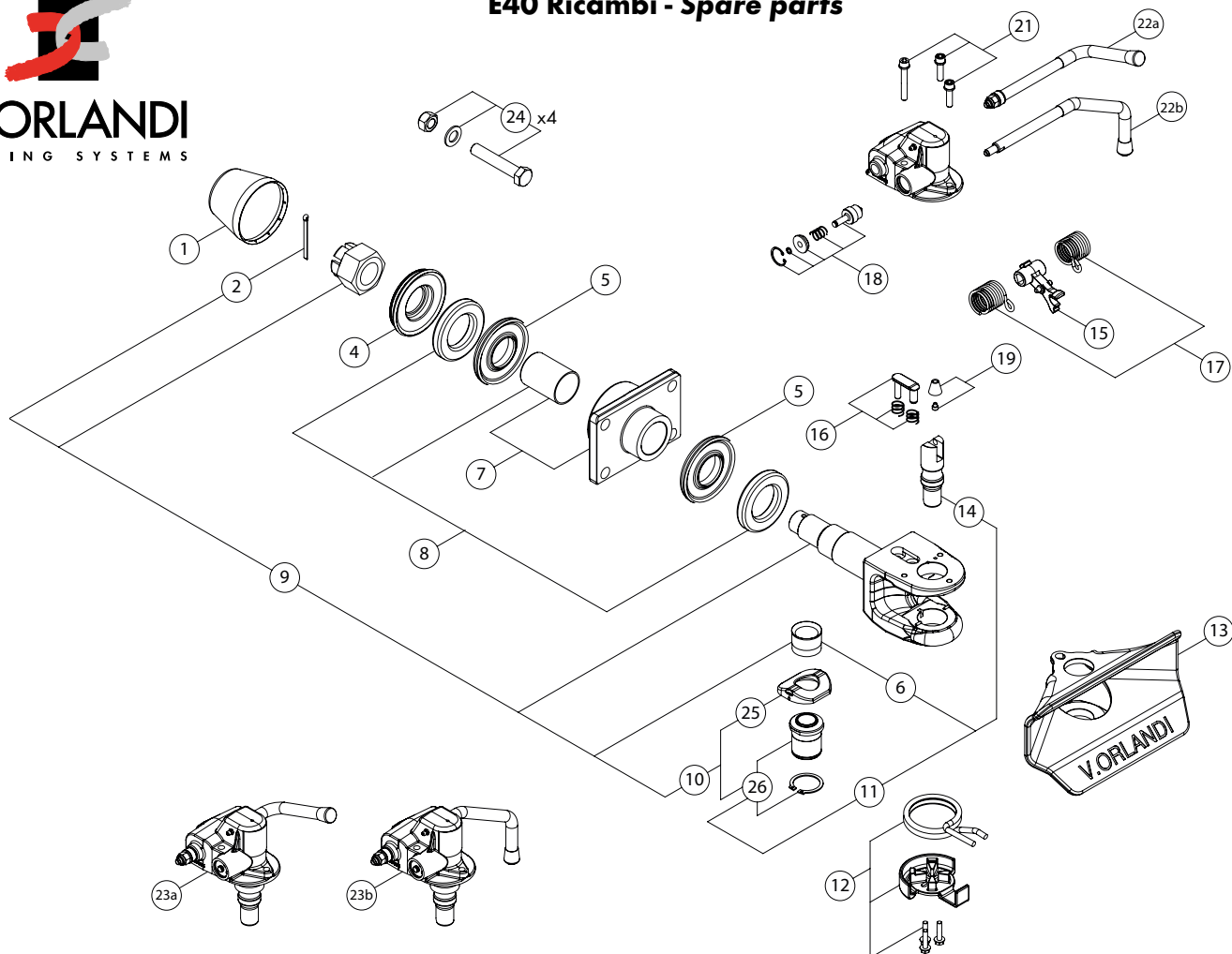
6 = Standard + CO01606

9 = Standard + CO02601 + CO02100

	F mm	H mm	I mm	L mm
<b>E403</b>	ø 15	155	90	ø 73,9
<b>E404</b>	ø 17	180	120	ø 83,9
<b>E405</b>	ø 21	200	140	ø 93,9
<b>E406</b>	ø 21	200	140	ø 93,9

Lever type	Version					
A/B	1	2	3	4	6	9
	In cab	Out cab	In cab	In cab	In cab	Out cab

### E40 Ricambi - Spare parts



POS.	Tutti i tipi All types	GE403	GE404	GE405	GE406
1	RG00603				
2	RG00064				
4		RG00076	RG00175	RG00175	RG00175
5		RG00216	RG00189	RG00189	RG00189
6	RG00149				
7		RG00182	RG00195	RG00192	RG00192
8		RG00217	RG00183	RG00183	RG00183
9	RG00494				
10	RG00495				
11	RG00303				
12	RG00529				
13	RG00304				
14	RG00305				
15	RG00306				
16	RG00307				
17	RG00308				
18	RG00309				
19	RG00310				
21	RG00312				
22A	RG00186				
22B	RG00187				
23A	RG00313				
23AS	RG00353				
23B	RG00314				
23BS	RG00354				
24		RG00130	RG00131	RG00132	RG00132
25	RG00315				
26	RG00498				

ATTENZIONE: Pos. 24 NON è inclusa.  
ATTENTION: Pos. 24 is NOT included.

S: predisposizione al segnalatore di apertura/chiusura  
predisposition to open/close remote indicator



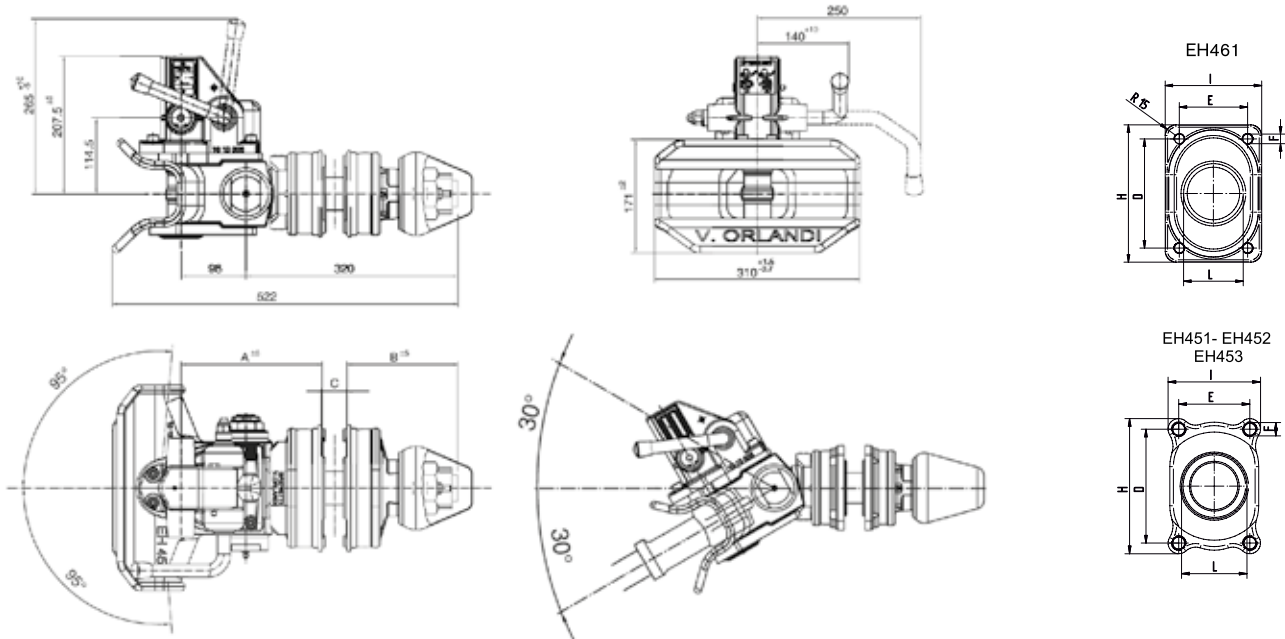
# EH45

Ganci automatici - Automatic couplings

Per occhioni For drawbar eyes	<b>Ø 45</b>	CUNA 438-55
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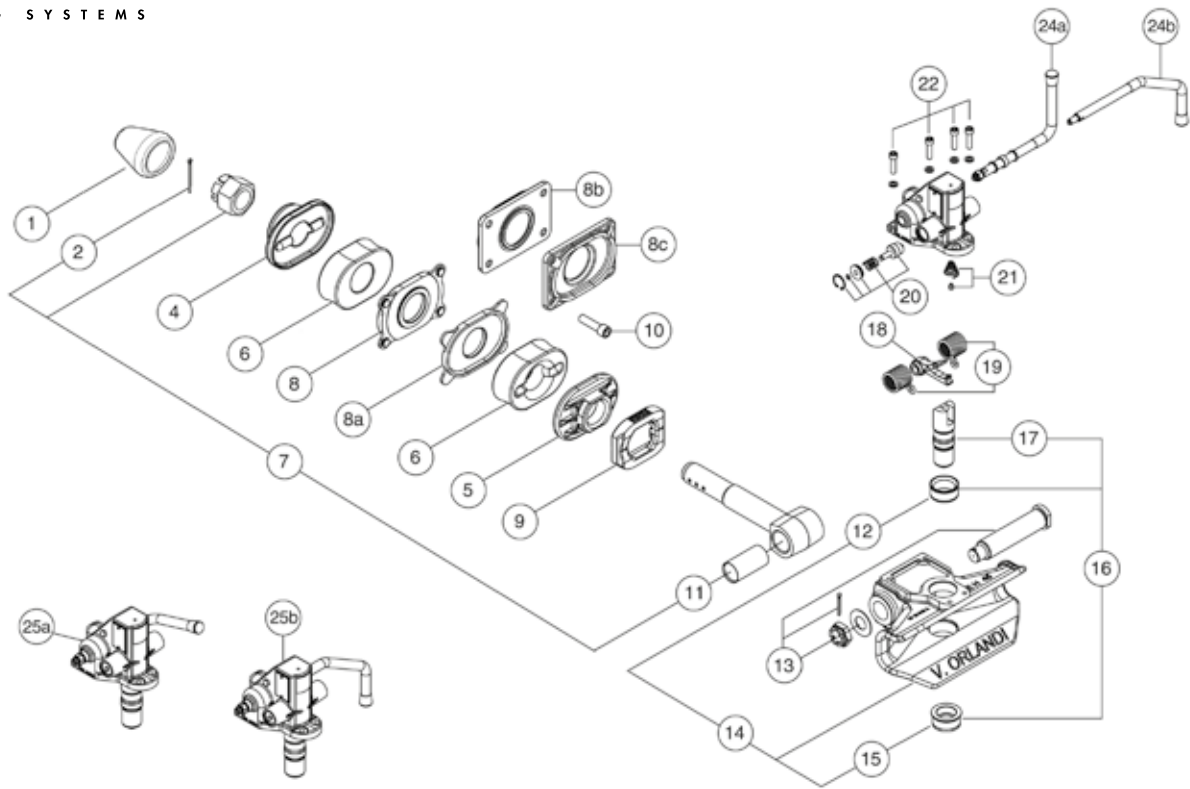
## Dati tecnici - Technical data

Codice Part number	Flangia Hole pattern mm	Valore D D-Value kN	Peso Weight kg	94/20/CE		ECE R55-01
				Classe Class	Omologazione Homologation	Omologazione Homologation
EH453A0 EH453B0	120x55	130	36,5	S	e3 00-1557	-
EH452A0 EH452B0	140x80	200	38,5	S	e3 00-1556	-
EH451A0 EH451B0	160x100	200	38,5	S	e3 00-1555	E3 01-3024
EH461A0 EH461B0	160x100	200	41,5			



	A mm	B mm	C mm	F mm	H mm	I mm	L mm		A mm	B mm	C mm	F mm	H mm	I mm	L mm
EH453	210	170	35	ø14	164	118	ø74	EH451	212	168	35	ø19	190	130	ø92
EH452	212	168	35	ø19	190	130	ø84	EH461	215	165	35	M16	200	140	ø93

Tipi di leva - Lever type		Versioni - Versions			
A	B	1	2	6	7
		In cab	Out cab	In cab	Out cab



POS.	Tutti i tipi All types	EH451	EH452	EH453	EH461
1	RG00034				
2	RG00064				
4		RG00297	RG00297	RG00027	RG00297
5		RG00296	RG00296	RG00028	RG00296
6		RG00241	RG00241	RG00037	RG00241
7	RG00233				
8/8A		RG00030	RG00029	RG00031	
8B					RG00135
8C					RG00134
9	RG00038				
10					RG00209
11	RG00004				
12	RG00293				
13	RG00002				
14	RG00292				
15	RG00294				
16	RG00290				
17	RG00289				
18	RG00291				
19	RG00178				
20	RG00181				
21	RG00091				
22	RG00185				
24A	RG00186				
24B	RG00187				
25A	RG00286				
25B	RG00287				



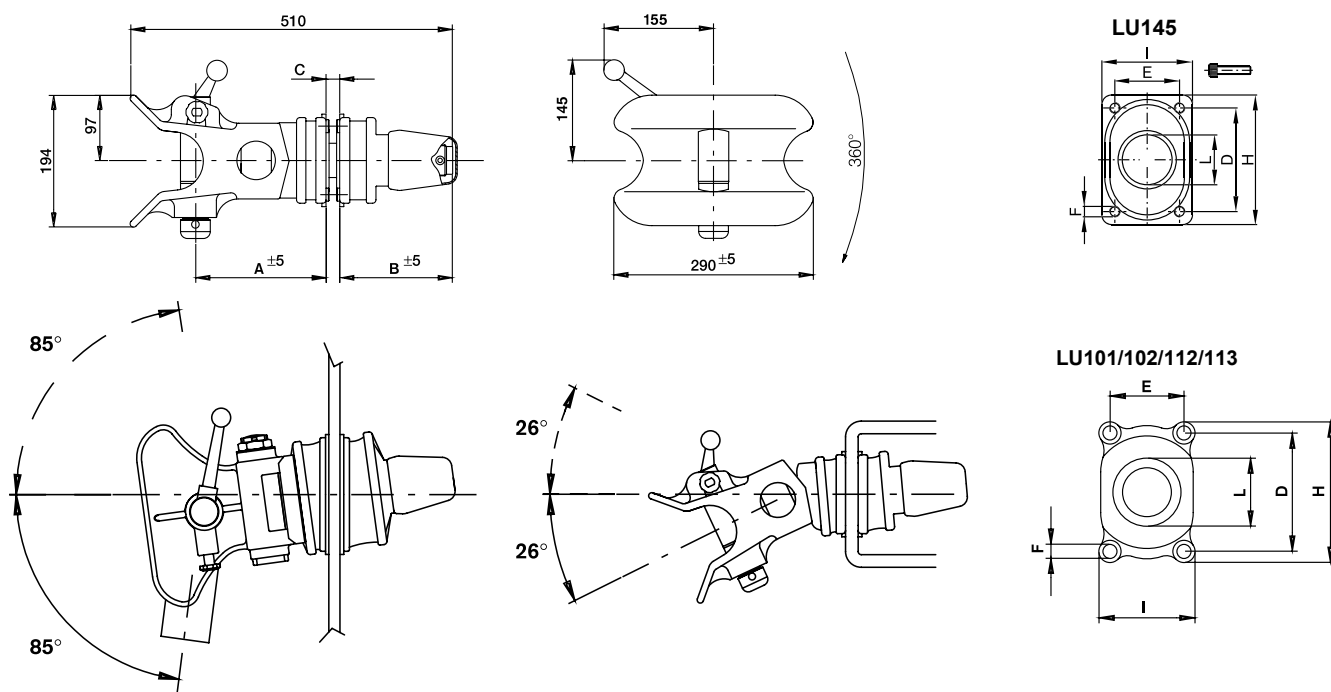
# NUOVO LUPO

Ganci manuali - Manual couplings

Per occhioni For drawbar eyes	<b>Ø 45</b>	CUNA 438-55
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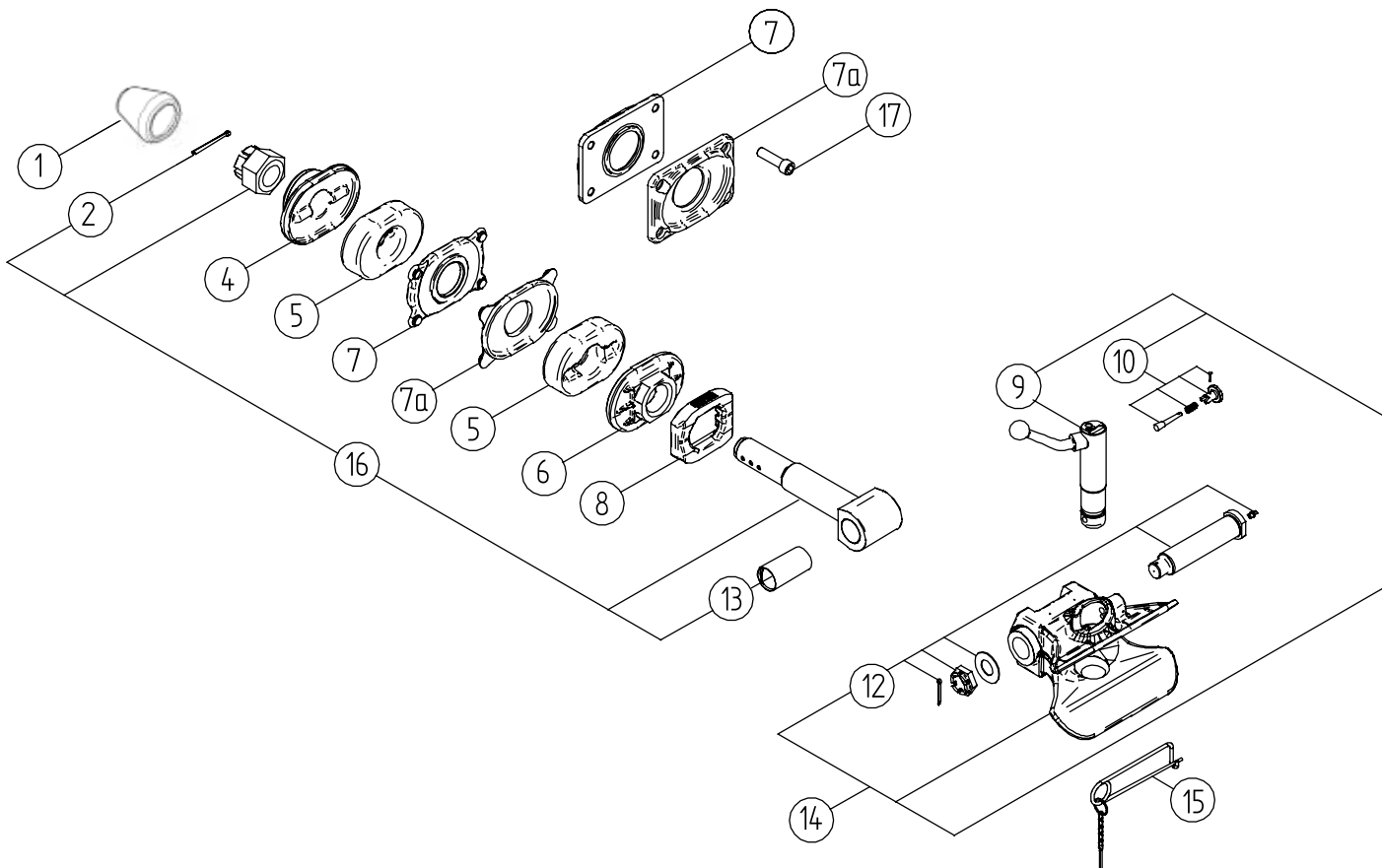
## Dati tecnici - Technical data

Codice Part number	Flangia Hole pattern mm	Peso rimorchiabile Total trailer weight t	Peso Weight kg	CUNA NC 138-55	
				CAT.	DGM
LU113A0	120x55	16	29	IV	47794
LU112A0	140x80	16	30	IV	47793
LU102A0	140x80	26	33	V	47105
LU101A0	160x100	26÷42	33	V	47106
LU145A0	160x100	26÷42	34	V	51870



	A mm	B mm	C mm	F mm	H mm	I mm	L mm
LU113	206	174	35	14	164	118	74
LU112	210	170	35	15	180	125	84
LU102	210	170	35	15	180	125	84
LU101	210	170	35	19	190	130	92
LU145	210	170	35	M16	200	140	92





POS.	Tutti i tipi All types	LU101	LU102	LU112	LU145	LU113
1	RG00034					
2	RG00064					
4		RG00297	RG00297	RG00297	RG00297	RG00027
5		RG00241	RG00241	RG00241	RG00241	RG00037
6		RG00296	RG00296	RG00296	RG00296	RG00028
7		RG00030	RG00029	RG00029	RG00135	RG00031
7A		RG00030	RG00029	RG00029	RG00134	RG00031
8	RG00038					
9	RG00048					
10	RG00074					
12	RG00002					
13	RG00004					
14		RG00300	RG00318	RG00319	RG00320	RG00321
15	RG00052					
16	RG00233					
17	RG00209					

In produzione da ottobre 2002  
In production from october 2002



# E50

## Ganci automatici - Automatic couplings

Per occhielli For drawbar eyes	<b>Ø</b> <b>50</b>	ECE R55-01
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### Dati tecnici - Technical data

Codice Part number	Flangia Hole pattern mm	Valore D D-Value kN	Valore Dc Dc-Value kN	Massa S S-Load kg	Valore V V-Value kN	Peso Weight kg	94/20/CE		ECE R55-01	
							Classe Class	Omologazione Homologation	Classe Class	Omologazione Homologation
GE503A0 GE503B0	120x55	70	50	650	18	34	C50-3	e11 00-0308	-	-
GE504A0 GE504B0	140x80	110	70	900	25	35,5	C50-4	e11 00-0310	C50-4	E11 00-0310
GE505A0 GE505B0	Sostituito da: E505A0M - E505B0M - Replaced by: E505A0M - E505B0M									
GE510A0 GE510B0	160x100	280	140	1000	90	49	C50-X	e11 00-4638	C50-X	E11 01-4638

### Crea il tuo codice:

### Create your part number:

**GE XXX X X**

Valore D - D-Value

Tipo di leva - Action lever type

Versione - Version

### Valore D - D-Value

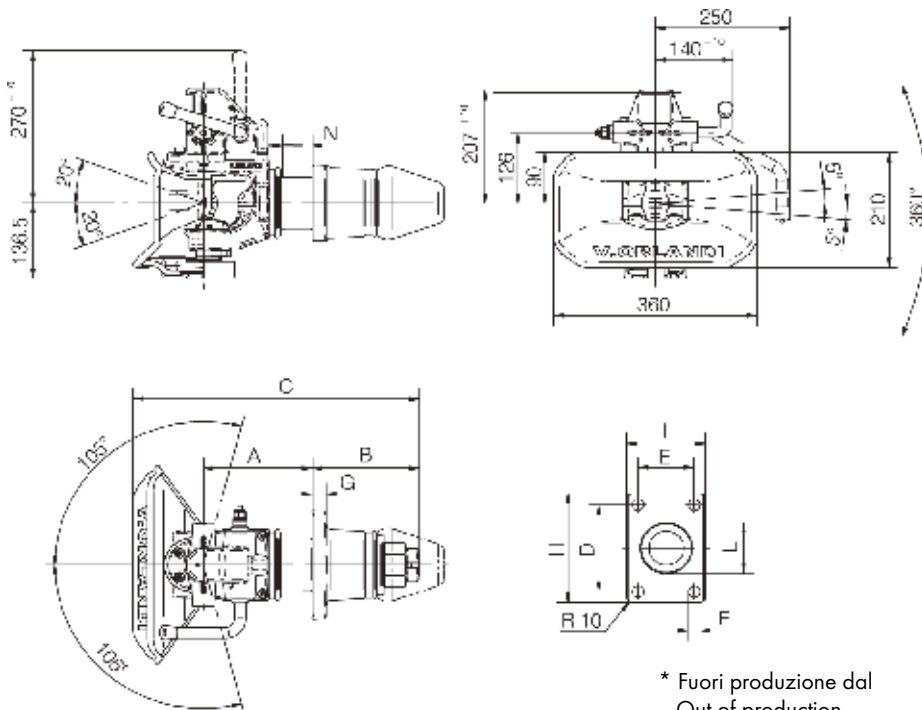
503 = 70 kN    504 = 110 kN  
510 = 280 kN

### Tipi di leva - Action lever types

A = Leva alta - Action lever upwards  
B = Leva bassa - Action lever downwards

### Versioni - Versions

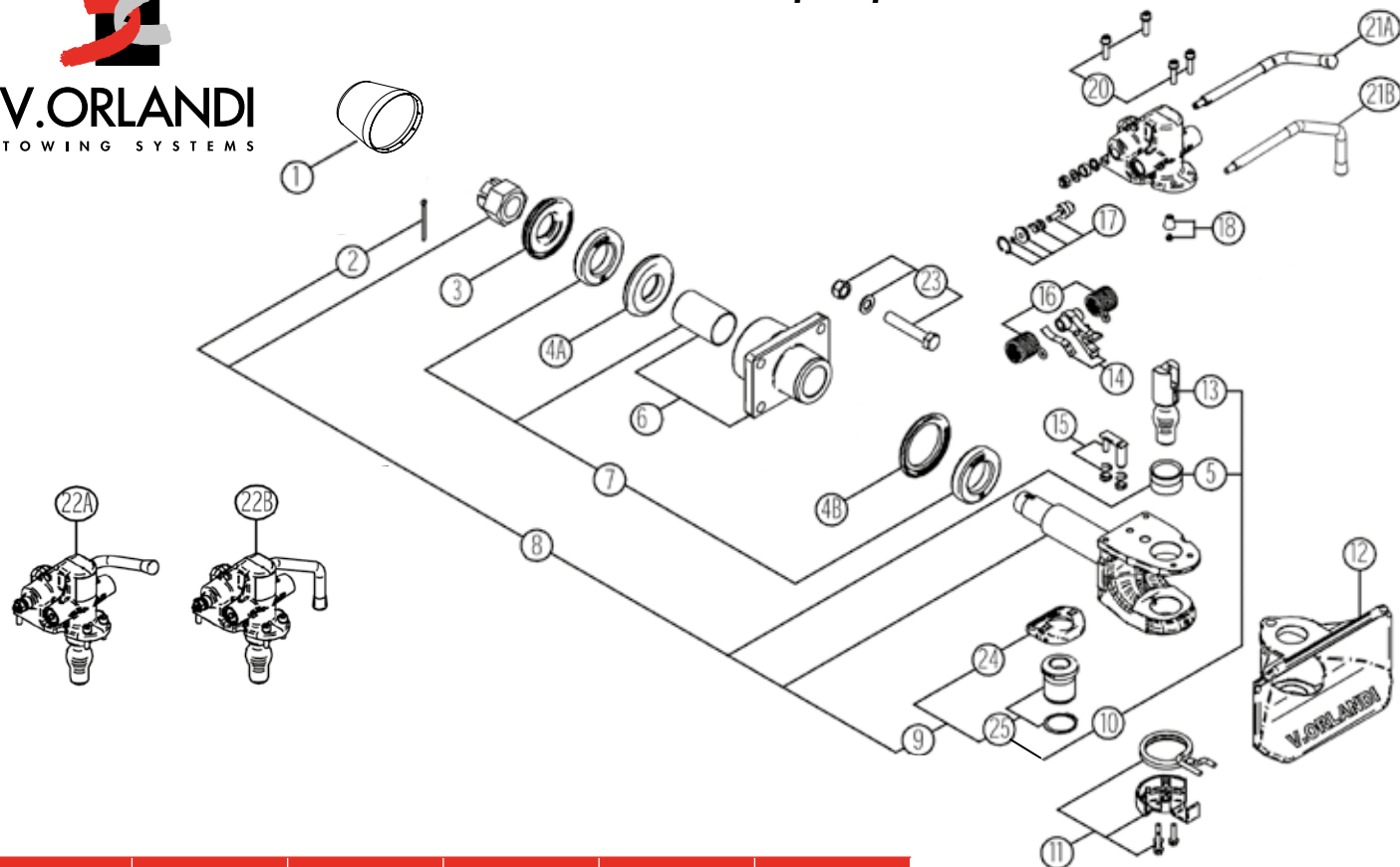
0 = Standard  
1 = Standard + CO01601  
2 = Standard + CO01800 + CO02605  
6 = Standard + CO01606  
7 = Standard + CO01400  
8 = Standard + CO02300  
\*9 = Standard + CO02601 + CO02100



\* Fuori produzione dal  
Out of production

	A mm	B mm	C mm	F mm	G mm	H mm	I mm	L mm	N mm		A mm	B mm	C mm	F mm	G mm	H mm	I mm	L mm	N mm
<b>E503</b>	182	156	463	ø15	20	155	90	ø73,9	37	<b>E505</b>	182	156	463	ø21	20	200	140	ø93,9	37
<b>E504</b>	182	156	463	ø17	20	180	120	ø83,9	37	<b>E510</b>	182	205	512	ø21	25	200	140	ø93,9	42

Tipi di leva Lever type	Versioni - Version				
A/B	1	2	6	7	8
	In cab	Out cab	In cab	Out cab	Out cab



POS.	Tutti i tipi All types	GE503	GE504	GE505	GE510
1	RG00603				
2	RG00064				
3		RG00076	RG00175	RG00175	RG00175
4A		RG00216	RG00189	RG00189	
4B		RG00216	RG00189	RG00189	RG00173
5	RG00088				
6		RG00182	RG00195	RG00192	RG00372
7		RG00217	RG00183	RG00183	RG00374
8 (2, 5, 9)		RG00196	RG00196	RG00196	RG00426
9M	RG00427				
9P	RG00428				
10	RG00199				
11	RG00529				
12	RG00193				
13	RG00190				
14	RG00188				
15	RG00179				
16	RG00178				
17	RG00181				
18	RG00091				
19	-				
20	RG00185				
21A	RG00186				
21B	RG00187				
22A	RG00176				
22B	RG00177				
23		RG00130	RG00131	RG00132	RG00132
24M	RG00269				
24P	RG00270				
25	RG00433				

ATTENZIONE: Pos. 23 NON è inclusa.  
ATTENTION: Pos. 23 is NOT included.



# E525

Ganci automatici - Automatic couplings

Per occhioni For drawbar eyes	Ø <b>50</b>	ECE R55-01
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## Dati tecnici - Technical data

Codice Part number	Flangia Hole pattern mm	Valore D D-Value kN	Valore Dc Dc-Value kN	Massa S S-Load kg	Valore V V-Value kN	Peso Weight kg	Omologazione Homologation	
							Classe Class	ECE R55-01
E525A0M E525B0M	160x100	200	135	1000	75	42	C50 X	E11 01-1046
				2500	50			
E505A0M E505B0M	160x100	130	83	1000	29	37,5	C50X	-

**Crea il tuo codice:**

**Create your part number:**

**E525 X X X**

Tipo di leva - Action lever type

Versione - Version

Tipi di inserto - Wearing pad types

**Tipi di leva - Action lever types**

A = Leva alta - Action lever upwards

B = Leva bassa - Action lever downwards

**Versioni - Versions**

0 = Standard

1 = Standard + CO01601

2 = Standard + CO01800 + CO02605

3 = Standard + CO01603

4 = Standard + CO01600

6 = Standard + CO01606

7 = Standard + CO01400

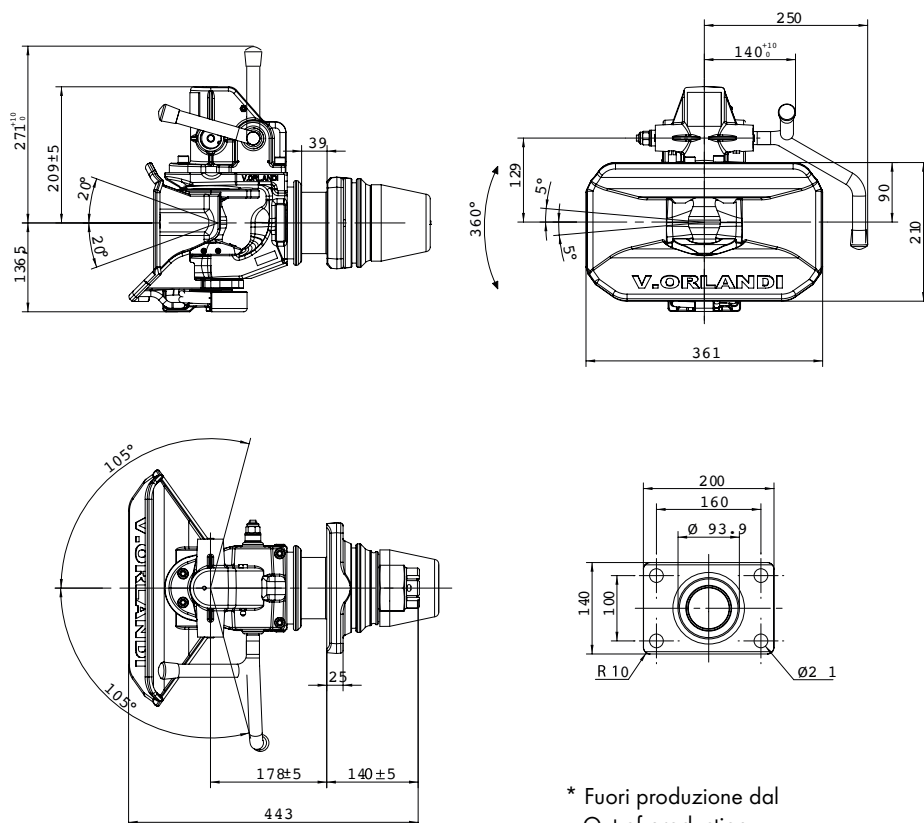
8 = Standard + CO02300

\*9 = Standard + CO02601 + CO02100

**Tipi di inserto - Wearing pad types**

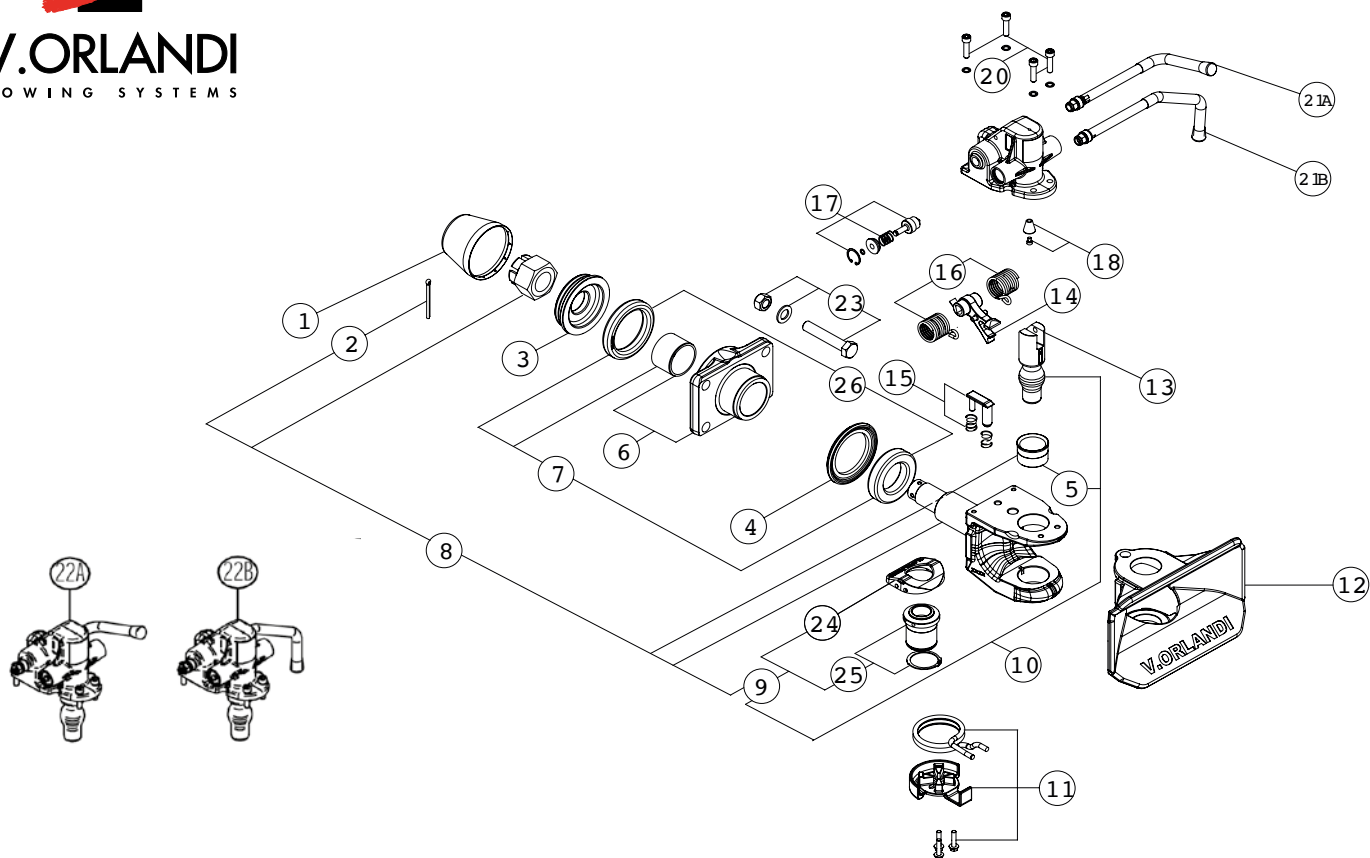
M = Supporto metallico - Steel wearing pad

P = Supporto in plastica - Plastic wearing pad



\* Fuori produzione dal  
Out of production

Tipi di leva Lever type	Versioni - Version							
A/B	1	2	3	4	6	7	8	
	In cab	Out cab	In cab	In cab	In cab	Out cab	Out cab	



POS.	Tutti i tipi All types	E525B0M	E525B0P	E525A0M	E525A0P
1	RG00603				
2	RG00064				
3	RG00622				
4	RG00422				
5	RG00604				
6	RG00617				
7	RG00618				
8 (2, 5, 9)		RG00607	RG00608	RG00607	RG00608
9		RG00609	RG00610	RG00609	RG00610
10		RG00625	RG00626	RG00625	RG00626
11	RG00529				
12	RG00193				
13	RG00619				
14	RG00188				
15	RG00179				
16	RG00178				
17	RG00181				
18	RG00091				
20	RG00185				
21A				RG00186	RG00186
21B		RG00187	RG00187		
22A				RG00620	RG00620
22B		RG00621	RG00621		
23	RG00132				
24		RG00614	RG00613	RG00614	RG00613
25	RG00611				
26	RG00649				

ATTENZIONE: Pos. 23 NON è inclusa.  
ATTENTION: Pos. 23 is NOT included.



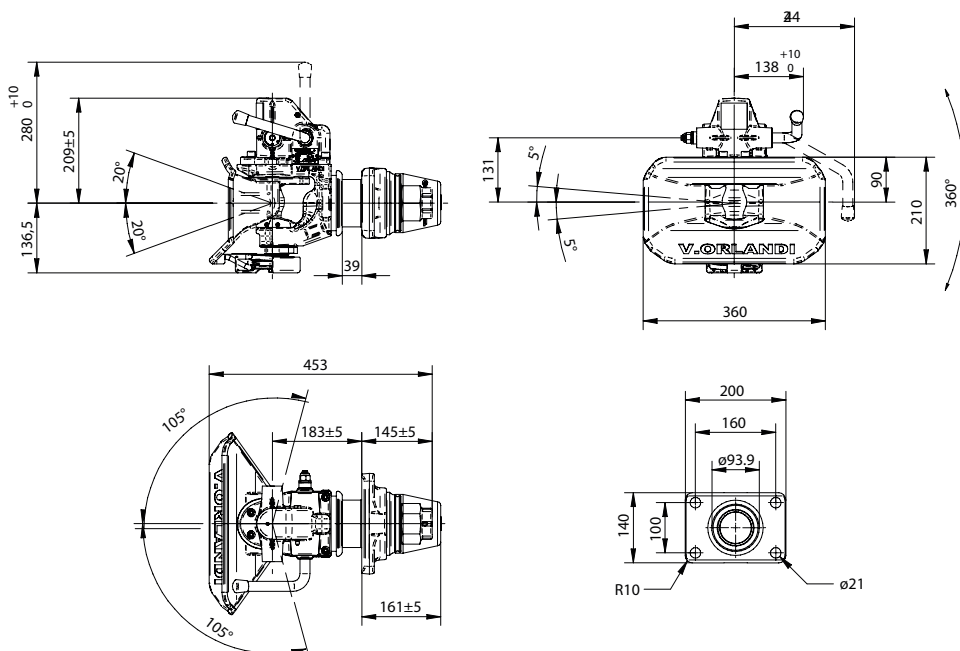
# E550 PACIFIC

Ganci automatici - Automatic couplings

Per occhi For drawbar eyes	Ø <b>50</b>	ECE R55-01
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## Dati tecnici - Technical data

Codice Part number	Flangia Hole pattern mm	Valore D D-Value kN	Valore Dc Dc-Value kN	Massa S S-Load kg	Valore V V-Value kN	Peso Weight kg	Omologazione Homologation	
							Classe Class	ECE R55-01
E550A3P E550B3P E550A3M E550B3M	160x100	330	135	1000	75	41,5	C50 X	E11 01-10490
2500				50				



**Crea il tuo codice:**  
**Create your part number:**

**E550 X X X**

Tipo di leva - Action lever type

Versione - Version

Tipi di inserto - Wearing pad types

### Tipi di leva - Action lever types

A = Leva alta - Action lever upwards

B = Leva bassa - Action lever downwards

### Versioni - Versions

0 = Standard

1 = Standard + CO01601

2 = Standard + CO01800 + CO02605

3 = Standard + CO01603

4 = Standard + CO01600

6 = Standard + CO01606

7 = Standard + CO01400

8 = Standard + CO02300

\*9 = Standard + CO02601 + CO02100

### Tipi di inserto - Wearing pad types

M = Supporto metallico - Steel wearing pad

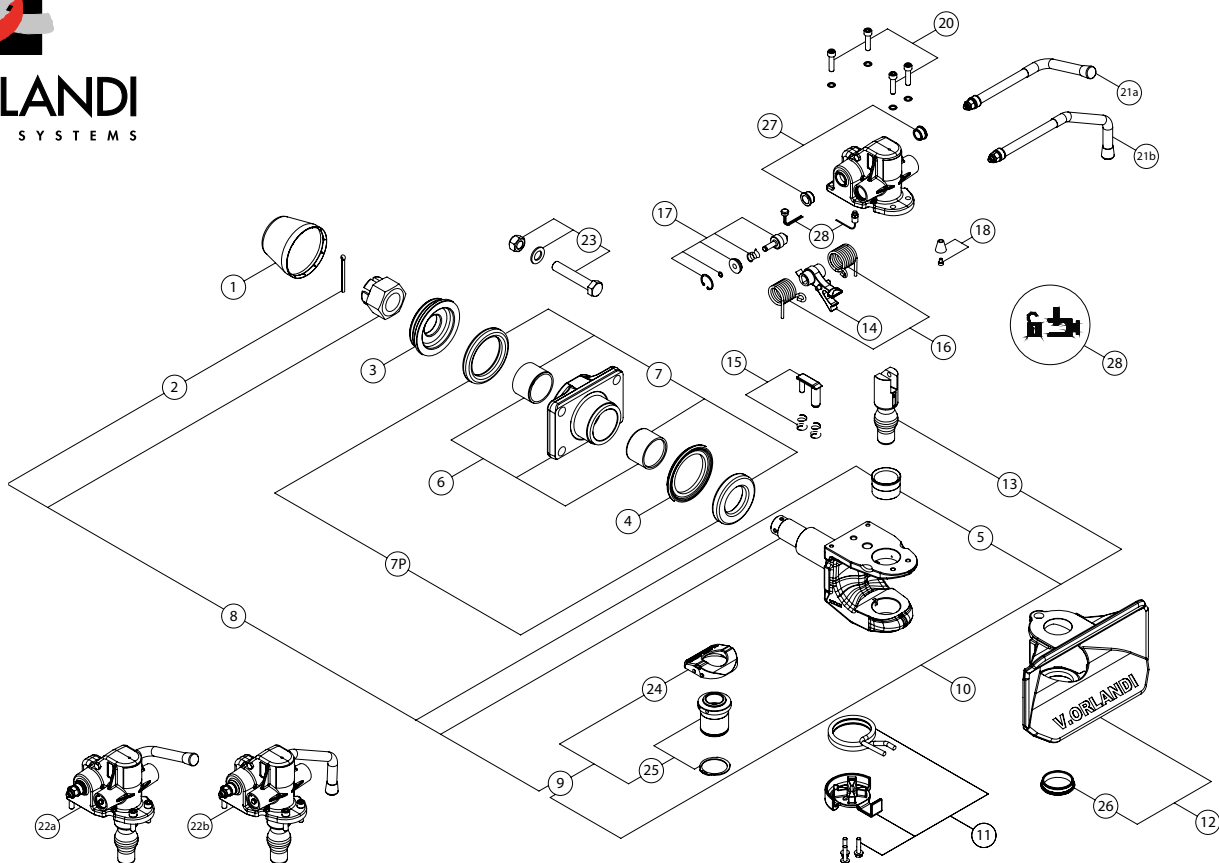
P = Supporto in plastica - Plastic wearing pad

\* Fuori produzione dal  
Out of production

Tipi di leva Lever type	Versioni - Version							
A/B	1	2	3	4	6	7	8	
	In cab	Out cab	In cab	In cab	In cab	Out cab	Out cab	



## E550 PACIFIC Ricambi - Spare parts



19006044

POS.	Tutti i tipi All types	E550B3M E550A3M	E550B3P E550A3P
1	RG00603		
2	RG00678		
3	RG00632		
4	RG00422		
5	RG00604		
6	RG00605		
7	RG00689		
7P	RG00688		
8 (2, 5, 8, 9)		RG00679	RG00680
9		RG00609	RG00610
10		RG00623	RG00624
11	RG00529		
12	RG00587		
13	RG00612		
14	RG00188		
15	RG00179		
16	RG00178		
17	RG00181		
18	RG00091		
20	RG00185		
21A		RG00186	RG00186
21B		RG00187	RG00187
22A	RG00615		
22B	RG00616		
23	RG00132		
24		RG00614	RG00613
25	RG00611		
26	RG00585		
27	RG00586		
28	CO02603		

ATTENZIONE: Pos. 23 NON è inclusa.  
ATTENTION: Pos. 23 is NOT included.



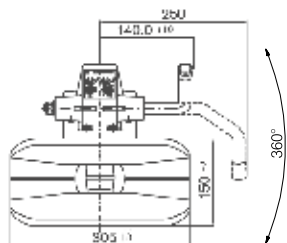
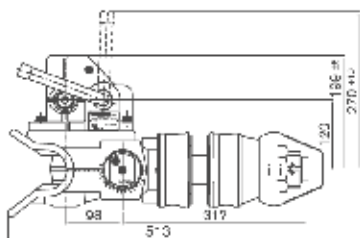
# EH50

Ganci automatici - Automatic couplings

Per occhioni For drawbar eyes	Ø <b>50</b>	94/20/CE
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## Dati tecnici - Technical data

Codice Part number	Flangia Hole pattern mm	Valore D D-Value kN	Peso Weight kg	94/20/CE		ECE R55-01
				Classe Class	Omologazione Homologation	Omologazione Homologation
EH503A0 EH503B0	120x55	130	37	C50-X	e3 00-0395	-
EH502A0 EH502B0	140x80	220	39	C50-X	e3 00-0394	-
EH501A0 EH501B0	160x100	220	39	C50-X	e11 00-0393	E3 01-3026
EH531A0 EH531B0	160x100	220	41			



**Crea il tuo codice:**  
**Create your part number:**

**EH XXX X X**

Tipo di flangia - Hole pattern

Tipo di leva - Action lever type

Versione - Version

**Flangia - Hole pattern**

503 = 120x55    502 = 140x80

505 = 160x100    510 = 160x100 with screws

**Tipi di leva - Action lever types**

A = Leva alta - Action lever upwards

B = Leva bassa - Action lever downwards

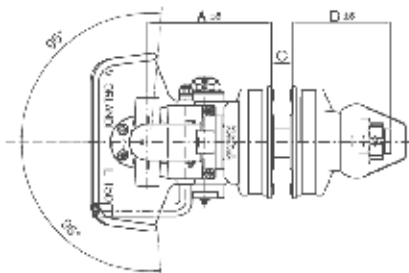
**Versioni - Versions**

0 = Standard

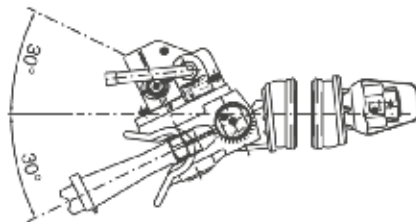
1 = Standard + CO01601

6 = Standard + CO01606

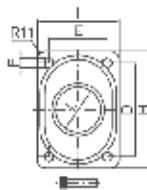
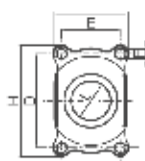
7 = Standard + CO01400



EH 501-EH 502-EH 503



EH 531

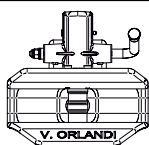


	A mm	B mm	C mm	F mm	H mm	I mm	L mm		A mm	B mm	C mm	F mm	H mm	I mm	L mm
EH503	210	170	35	∅14	164	118	∅74	EH501	212	168	35	∅19	190	130	∅92
EH502	212	168	35	∅19	190	130	∅84	EH531	215	165	35	M16	200	140	∅93

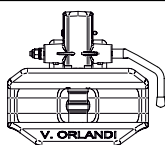
### Tipi di leva - Lever type

### Versioni - Versions

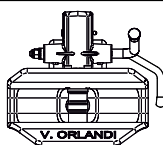
A



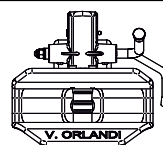
B



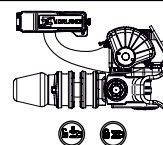
1



6



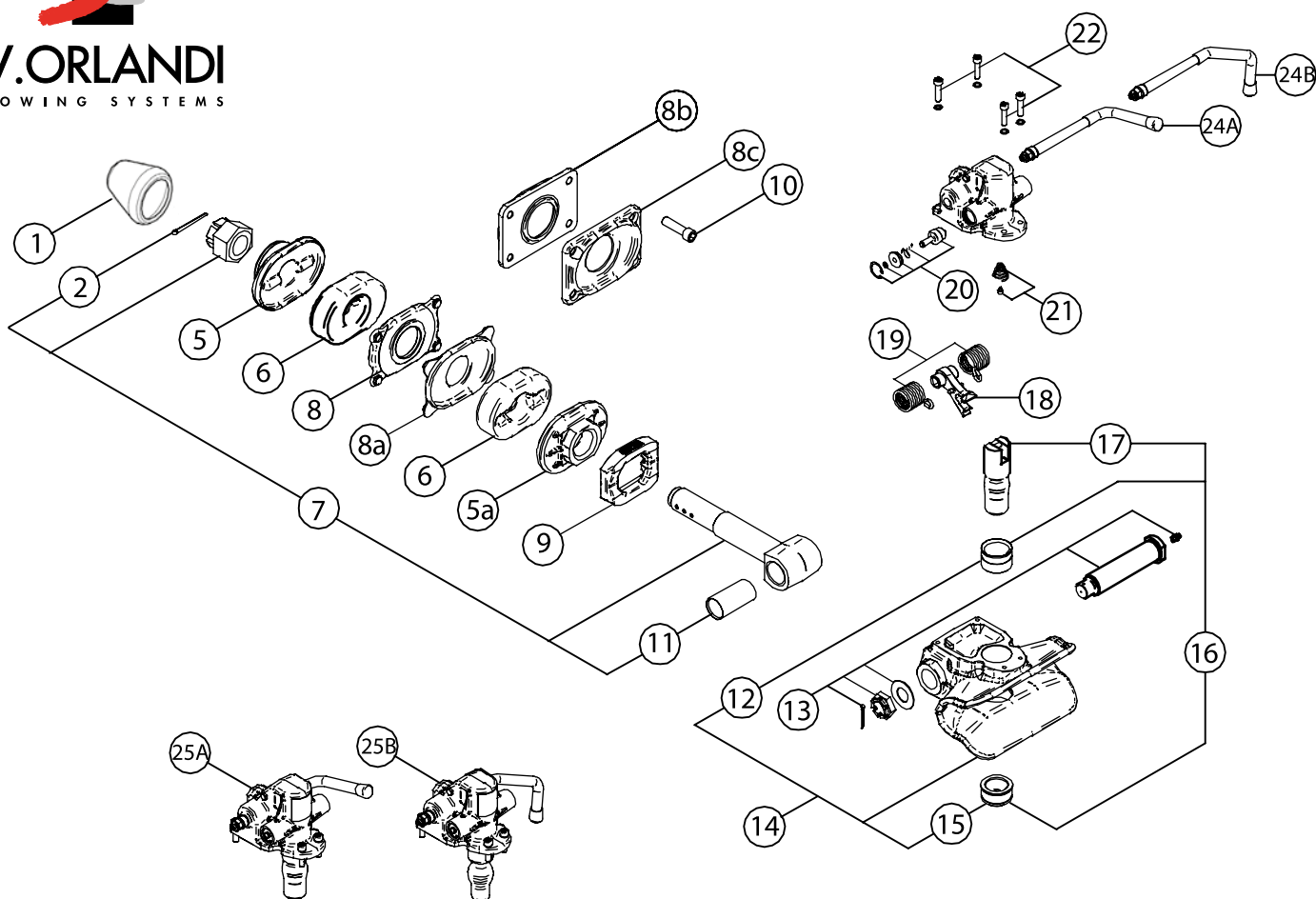
7



In cab

In cab

Out cab



POS.	Tutti i tipi All types	EH501	EH531	EH502	EH503
1	RG00034				
2	RG00064				
5		RG00297	RG00297	RG00297	RG00027
5A		RG00296	RG00296	RG00296	RG00028
6		RG00241	RG00241	RG00241	RG00037
7	RG00233				
8/8A		RG00030		RG00029	RG00031
8B			RG00135		
8C			RG00134		
9		RG00038	RG00038	RG00038	RG00038
10			RG00209		
11	RG00004				
12	RG00088				
13	RG00002				
14	RG00235				
15	RG00236				
16	RG00232				
17	RG00231				
18	RG00298				
19	RG00178				
20	RG00181				
21	RG00091				
22	RG00185				
24A	RG00186				
24B	RG00187				
25A	RG00229				
25B	RG00230				

ATTENZIONE: Pos. 23 NON è inclusa.  
ATTENTION: Pos. 23 is NOT included.



# MV50

Ganci automatici BNA - Automatic couplings BNA

Per occhielli For drawbar eyes	Ø <b>68T</b>	NF R41-102
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## Dati tecnici - Technical data

Codice Part number	Flangia Hole pattern mm	Valore D D-Value kN	Valore Dc Dc-Value kN	Massa S S-Load kg	Valore V V-Value kN	Peso Weight kg	Omologazione Homologation	
							Classe Class	ECE R55-01
MV501A0 MV501B0	260x100x180 160x100	200 190	140 135	1000 1000	90 85	55	S	E11 01-6319 E11 01-7172
MV502A0 MV502B0	260x100x180 160x100	200 190	140 135	1000 1000	90 85			32
MV530A0 MV530B0	260x100x180+ 160x100	200	160	1000	140	55	S	

### MV501/530

### MV502

Senza cilindro - Without cylinder  
Ohne Luftzylinder - Sans rattrapage de jeux  
Без цилиндра

**Crea il tuo codice:**

**Create your part number:**

**MV XXX X X**

Cilindro - Cylinder

Tipo di leva - Action lever type

Versione - Version

#### Cilindro - Cylinder

501 = Con cilindro - with cylinder

502 = Senza cilindro - without cylinder

530 = Heavy duty

#### Tipi di leva - Action lever types

A = Leva alta - Action lever upwards

B = Leva bassa - Action lever downwards

#### Versioni - Versions

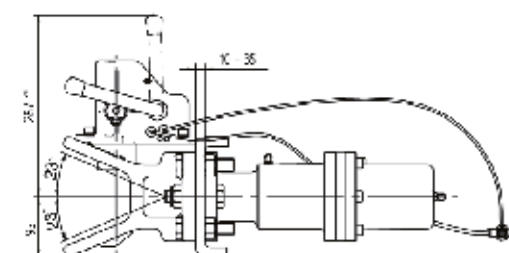
0 = Standard

1 = Standard + CO02601

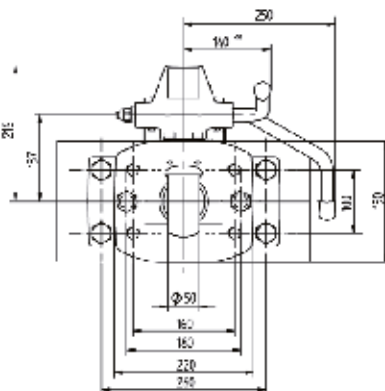
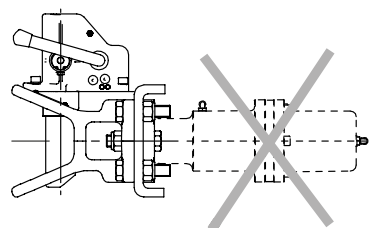
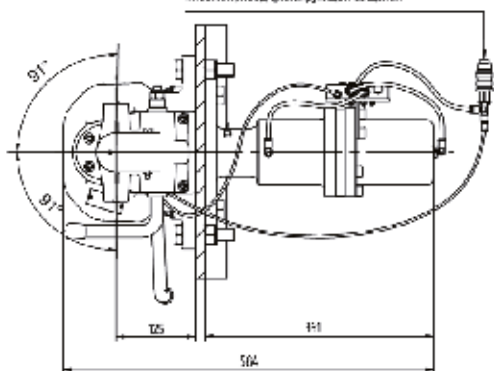
2 = Standard + CO04000 + CO02605

6 = Standard + CO01606

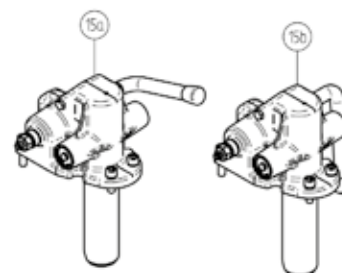
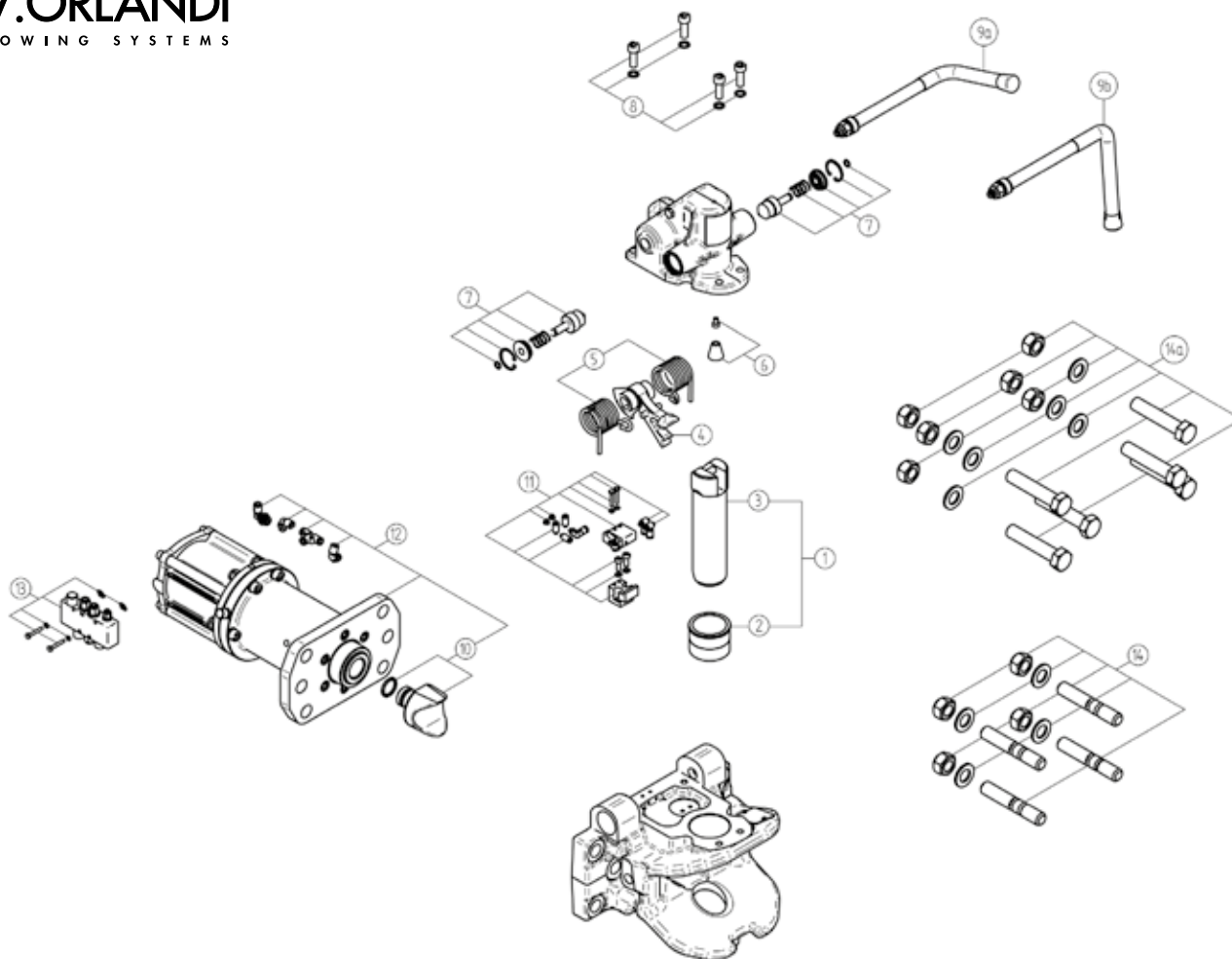
8 = Standard + CO02300



Aria col valicolo - Air vehicle service  
Nose-Verbraucherschnittschuß von der Fahrzeugluft  
Anrücke d'air au camion  
Трассировка воздушной защиты



Tipi di leva Lever type	Versioni - Version			
A/B	1	2	6	8
	In cab	Out cab	In cab	Out cab



POS.	Tutti i tipi All types	MV500*	MV501**	MV502	MV501/530
1	RG00454				
2	RG00455				
3	RG00456				
4	RG00458				
5	RG00178				
6	RG00091				
7	RG00181				
8		RG00459	RG00459	RG00459	RG00633
9A	RG00186				
9B	RG00561				
10		RG00460	RG00460		RG00460
11		RG00462	RG00462		RG00637
12	RG00638				
13	RG00639				
14			RG00506	RG00506	RG00506
14A		RG00645	RG00645	RG00645	RG00645
15A		RG00461	RG00461	RG00461	RG00655
15B		RG00470	RG00470	RG00470	RG00656

\*In produzione fino al 12/2009

\*In production till 12/2009

\*\*In produzione fino al 12/2015

\*\*In production till 12/2015



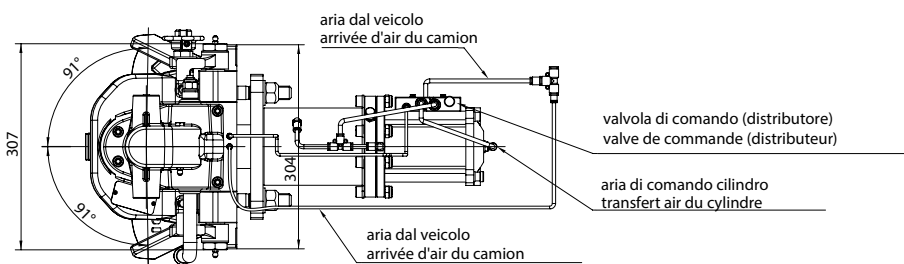
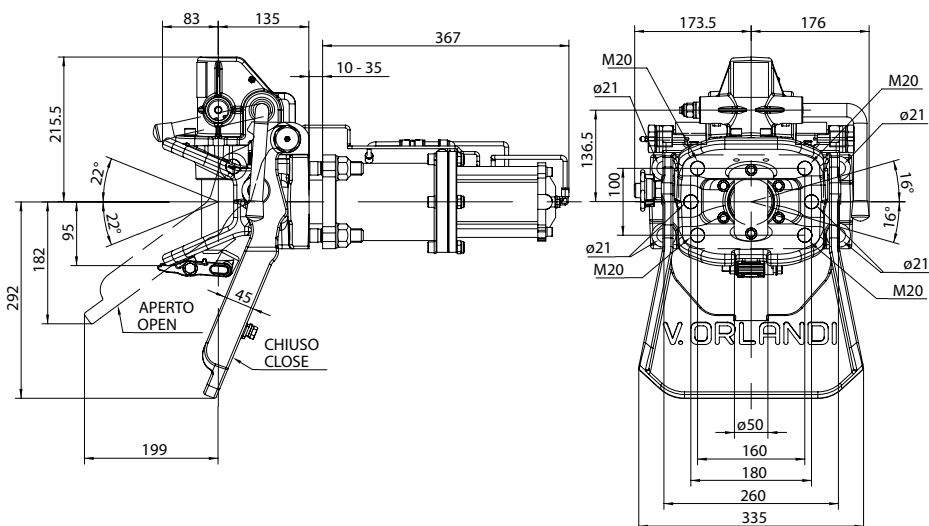
# MV505

Ganci automatici BNA - Automatic couplings BNA

Per occhioni For drawbar eyes	Ø <b>68T</b>	NF R41-102
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## Dati tecnici - Technical data

Codice Part number	Flangia Hole pattern mm	Valore D D-Value kN	Valore Dc Dc-Value kN	Massa S S-Load kg	Valore V V-Value kN	Peso Weight kg	Omologazione Homologation	
							Classe Class	ECE R55-01
MV505A0 MV505B0	260x100x180 160x100	200 190	140 135	1000 1000	90 85	49	S	E11 01-6319 E11 01-7172
MV535A0 MV535B0	260x100x180+ 160x100	200	160	1000	140			S



Crea il tuo codice:  
Create your part number:

MV **XXX** X **0**

Versione - Version

Tipo di leva - Action lever type

**Versioni - Versions**

505 = Standard

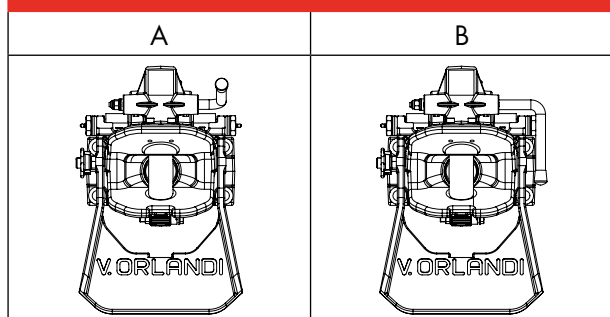
535 = Heavy duty

**Tipi di leva - Action lever types**

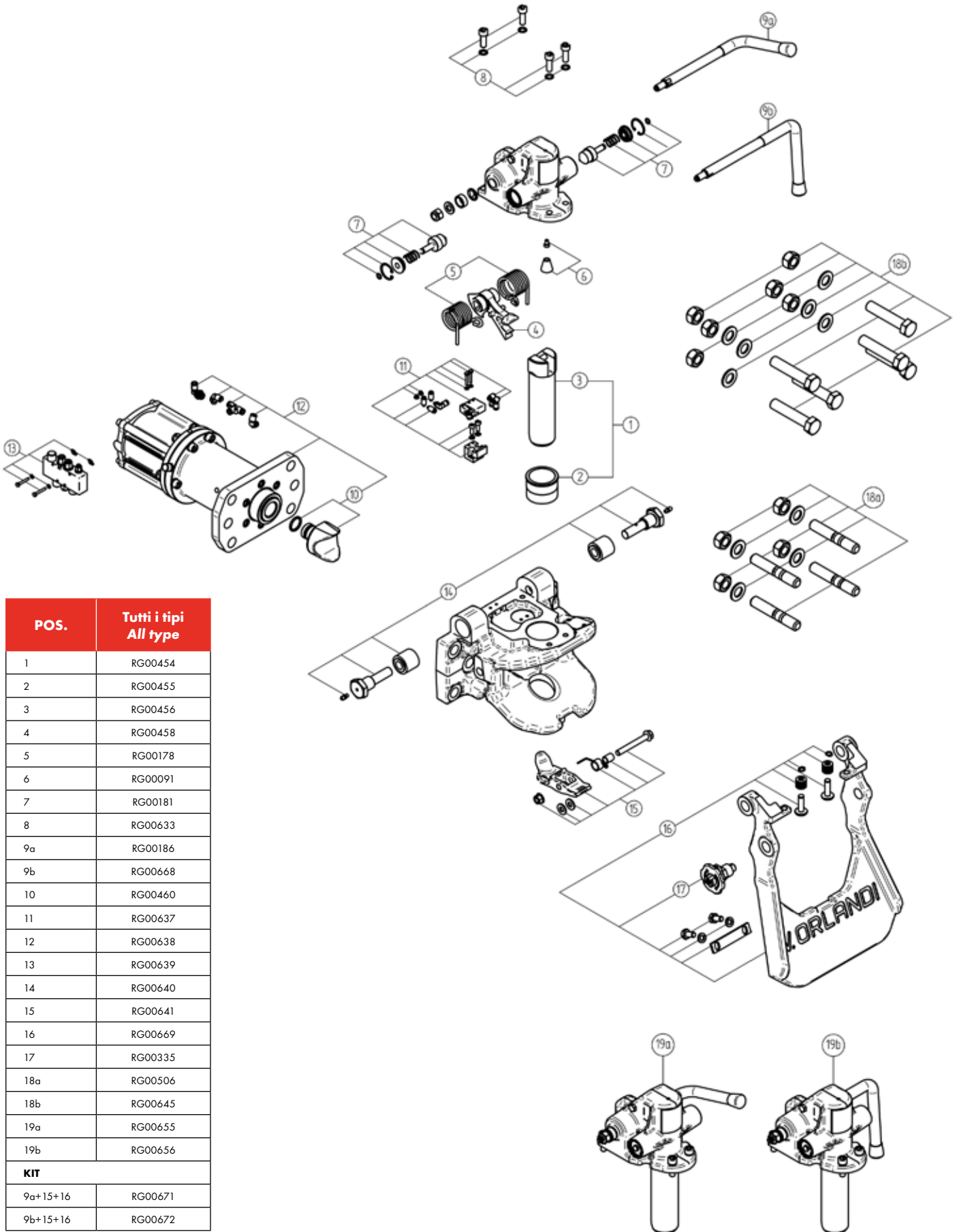
A = Leva alta - Action lever upwards

B = Leva bassa - Action lever downwards

## Tipi di leva - Lever type







POS.	Tutti i tipi All type
1	RG00454
2	RG00455
3	RG00456
4	RG00458
5	RG00178
6	RG00091
7	RG00181
8	RG00633
9a	RG00186
9b	RG00668
10	RG00460
11	RG00637
12	RG00638
13	RG00639
14	RG00640
15	RG00641
16	RG00669
17	RG00335
18a	RG00506
18b	RG00645
19a	RG00655
19b	RG00656
<b>KIT</b>	
9a+15+16	RG00671
9b+15+16	RG00672



# E57

## Ganci automatici - Automatic couplings

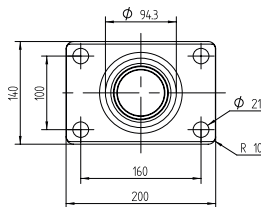
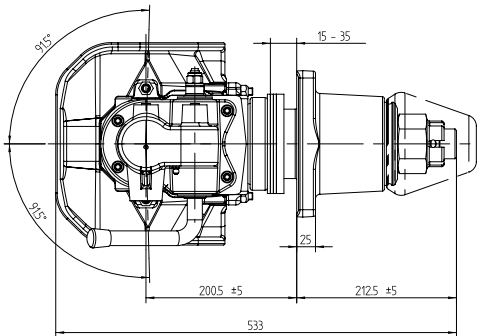
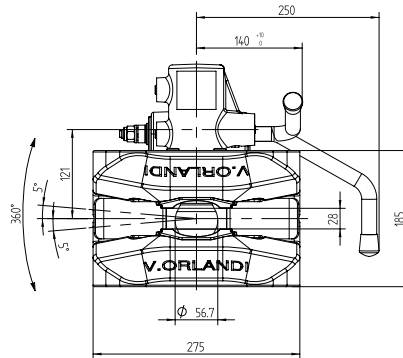
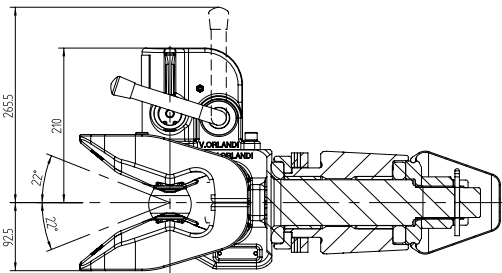
Per occhielli  
For drawbar eyes

Ø  
**57,5**

SWEDISH STD  
SS 550100 - Part 1

### Dati tecnici - Technical data

Codice Part number	Flangia Hole pattern mm	Valore D D-Value kN	Valore Dc Dc-Value kN	Massa S S-Load kg	Valore V V-Value kN	Peso Weight kg	Omologazione Homologation	
							Classe Class	ECE R55-01
GE575A0 GE575B0	160x100	300	145	1000	95	60	S	E11 01-10061
				3000	60			
GE576A0 GE576B0	160x100	350	145	1000	95	60	S	E11 01-10061
				3000	60			



**Crea il tuo codice:**

**Create your part number:**

**E XXX X X**

Valore D - D-Value

Tipo di leva - Action lever type

Versione - Version

**Valore D - D-Value**

575 = 300 kN

576 = 350 kN

**Tipi di leva - Action lever types**

A = Leva alta - Action lever upwards

B = Leva bassa - Action lever downwards

**Versioni - Versions**

0 = Standard

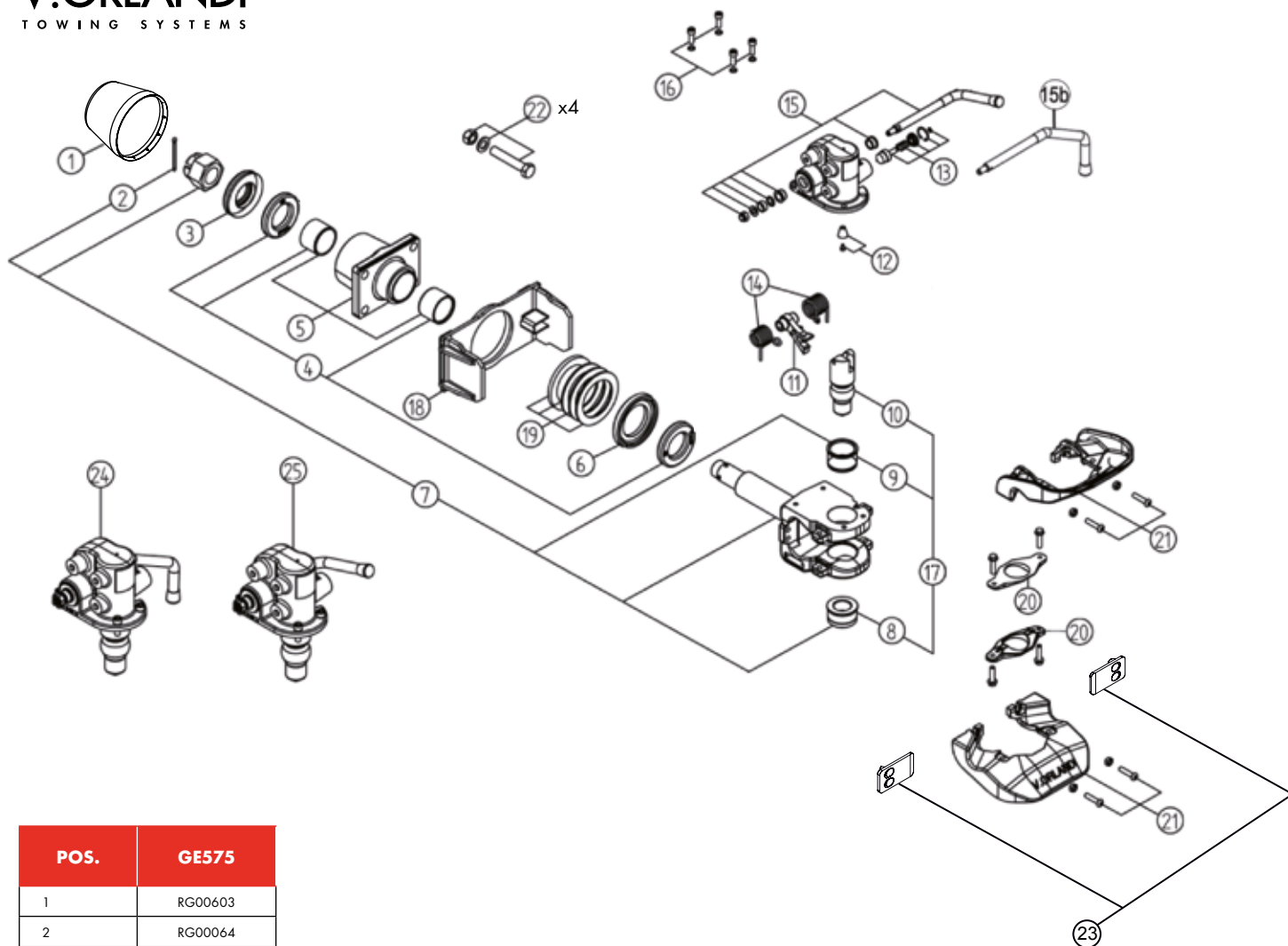
1 = Standard + CO02601

6 = Standard + CO01606

7 = Standard + CO01400

9 = Standard + CO02110

Tipi di leva Lever type	Versioni - Version			
A/B	1	6	7	9
 A B	 1 RED GREEN	 6 GREEN	 7 RED GREEN	 9 RED GREEN
	In cab	In cab	Out cab	Out cab



POS.	GE575
1	RG00603
2	RG00064
3	RG00530
4	RG00560
5	RG00423
6	RG00562
7	RG00563
8	RG00387
9	RG00564
10	RG00378
11	RG00298
12	RG00091
13	RG00309
14	RG00178
15	RG00186
15b	RG00187
16	RG00185
17	RG00567
18	RG00568
19	1 x 10 mm 3 x 4 mm
20	RG00386
21	RG00570
22	RG00132
23	RG00446
24	RG00582
25	RG00573

**ATTENZIONE!:**  
Pos. 18, 22 NON è inclusa nella fornitura del gancio standard.

**ATTENZIONI!:**  
Pos. 18, 22 is NOT included into the standard order code.



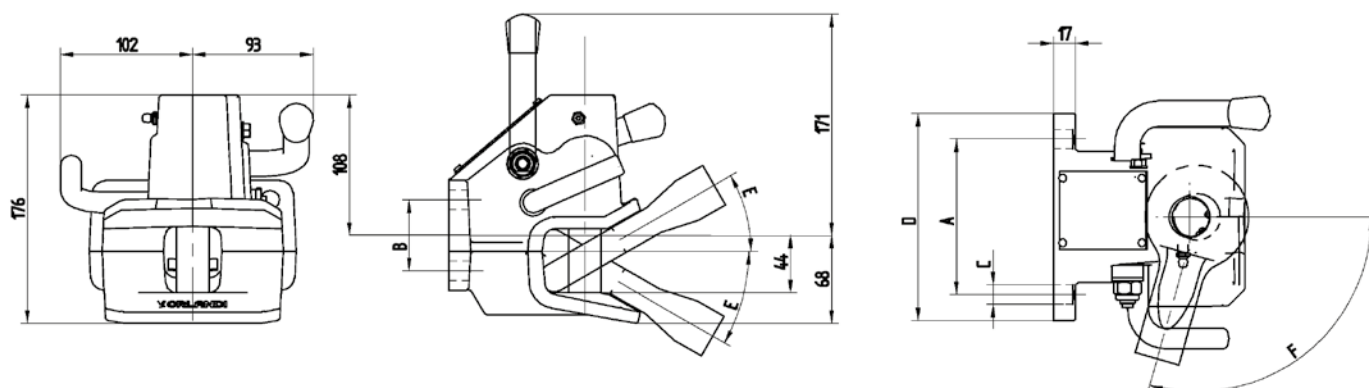
# GA25

Ganci automatici - Automatic couplings

Per occhioni For drawbar eyes	DIN 8454 CUNA 438-40	DIN74054 SWISS
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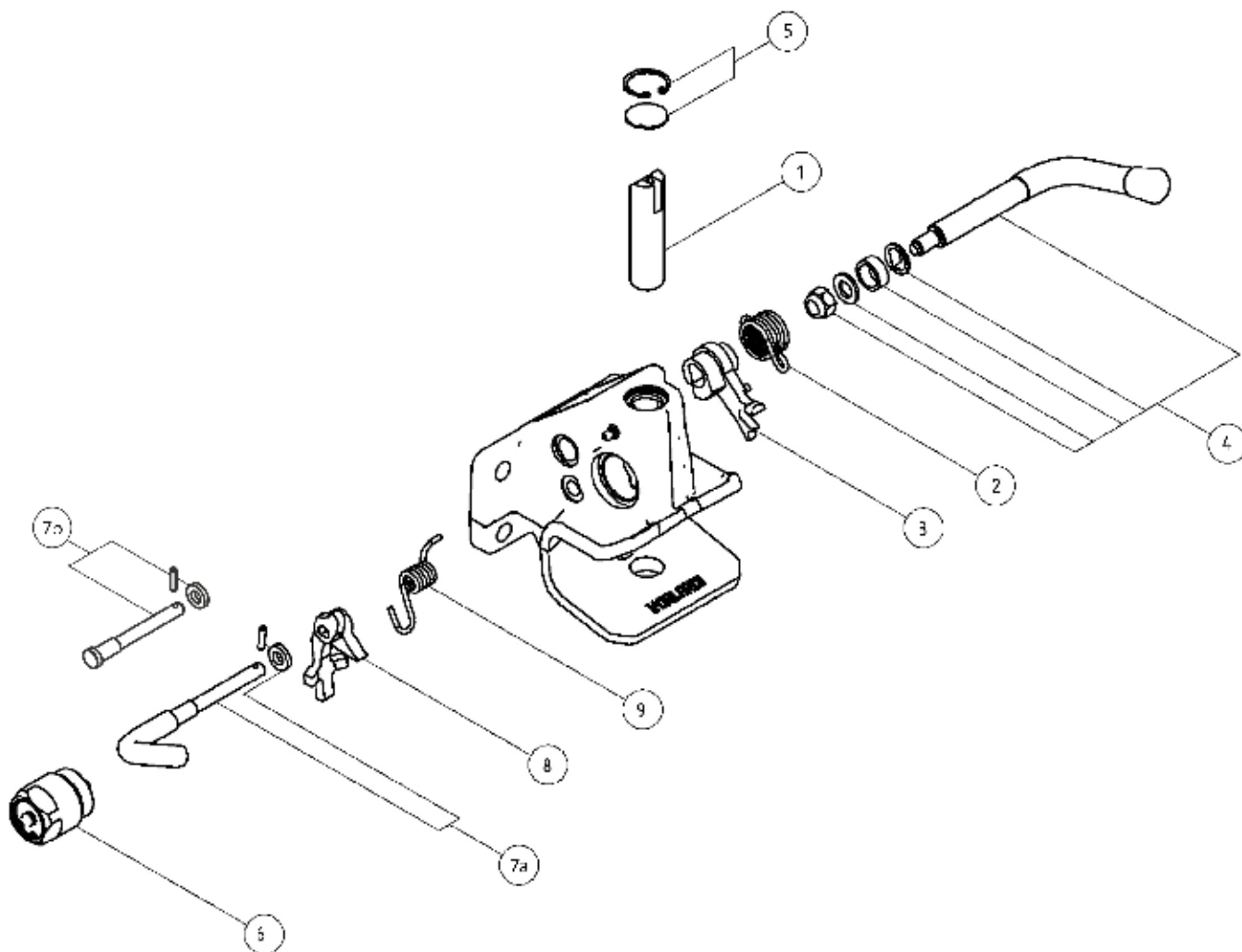
## Dati tecnici - Technical data

Codice Part number	Flangia Hole pattern mm	Valore D D-Value kN	Valore Dc Dc-Value kN	Massa S S-Load kg	Peso Weight kg	Omologazione Homologation	
						Classe Class	ECE R55-01
GA250PO	120x55	42	30	250	7,5	S	E3 01-3007
GA251PO	130x30	42	30	250	7,5	S	E3 01-3008
GA252PO	120x55	42	-	-	7,4	S	E3 01-3007
GA253PO	130x30	42	-	-	7,2	S	E3 01-3008
GA254PO	120x55	42	-	-	7,2	S	E3 01-3007



Codice Part number	C mm	D mm	E				F			
			DIN8454 Occhione Drawbar eye (*)	DIN74054 Occhione Drawbar eye (*)	DIN438-40 Occhione Drawbar eye (*)	SWISS Occhione Drawbar eye (*)	DIN8454 Occhione Drawbar eye (*)	DIN74054 Occhione Drawbar eye (*)	DIN438-40 Occhione Drawbar eye (*)	SWISS Occhione Drawbar eye (*)
GA250	15	160	+/-30	+/-22	+/-20	+/-10	105	95	100	100
GA251	14	155								
GA252	15	160								
GA253	14	155								
GA254	15	160								

I modelli GA252, GA253 e GA254 non sono adatti per impiego su strada pubblica.  
The models GA252, GA253 and GA254 cannot be used on on public roads.



POS.	Tutti i tipi All types	GA250	GA251	GA252	GA253	GA254
1	RG00399					
2	RG00389					
3	RG00390					
4	RG00391					
5		RG00405	RG00405	RG00392	RG00392	RG00392
6		RG00531	RG00531			
7A		RG00393	RG00393	RG00393	RG00393	
7B						RG00483
8	RG00394					
9	RG00395					



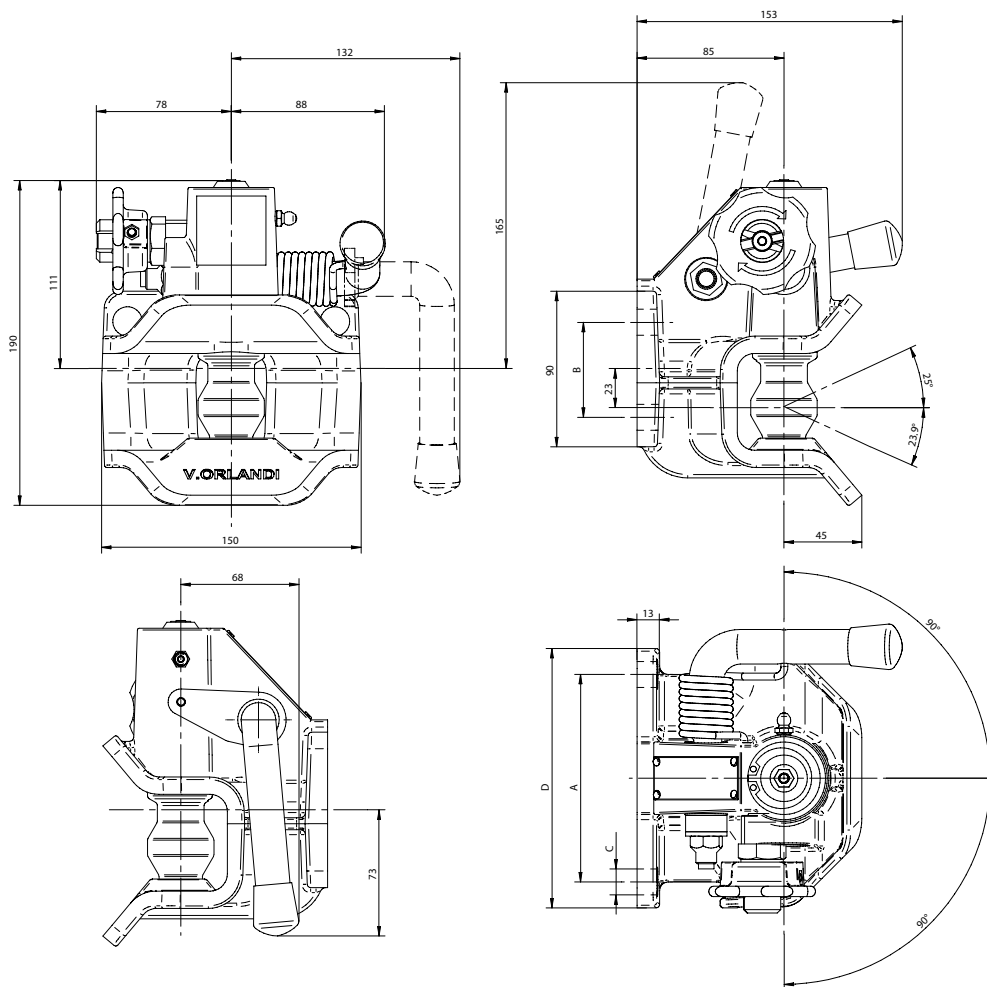
# GA38

Ganci automatici - Automatic couplings

Per occhioni For drawbar eyes	<b>Ø 40</b>	DIN 74054
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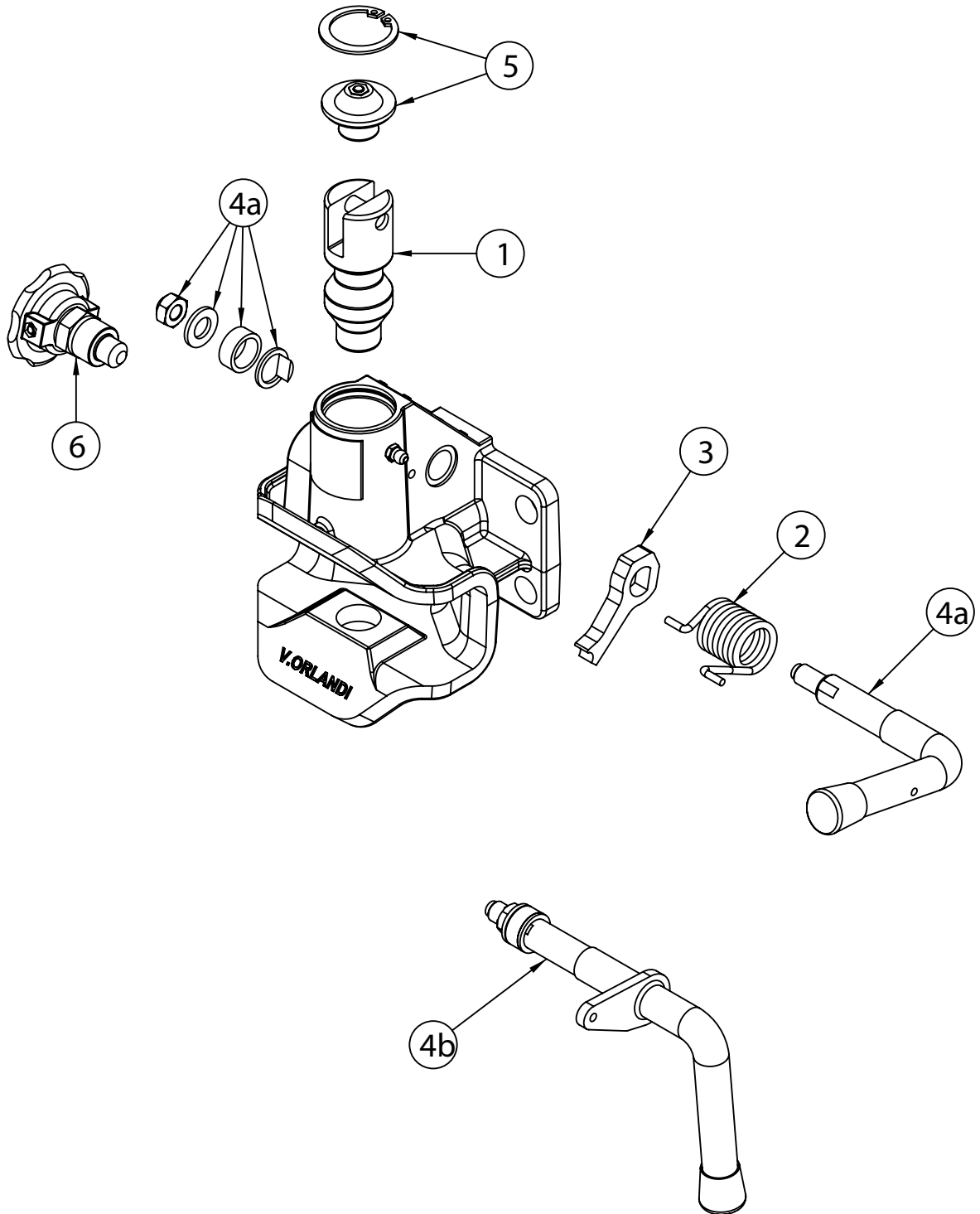
## Dati tecnici - Technical data

Codice Part number	Flangia Hole pattern mm	Valore D D-Value kN	Valore Dc Dc-Value kN	Massa S S-Load kg	Valore V V-Value kN	Peso Weight kg	Omologazione Homologation	
GA380A0 GA380B0	120x55	30	30	350	18	5,8	ECE R55-01	CRN
							E11 00-3282	37744
GA382A0 GA382B0	83x56	30	30	350	18	5,8	E11 00-3282	37744
							E11 00-3282	37744
GA384A0 GA384B0	83x56	30	30	350	18	5,8	E11 00-3282	37744
							E11 00-3282	37744



Codice Part number	A mm	B mm	C mm	D mm
GA380	120	55	15	150
GA382	83	56	10,5	150
GA384	83	56	10,5	100





POS.	Codice Part number
1	RG00254
2	RG00255
3	RG00256
4	RG00257
4B	RG00555
5	RG00258
6	RG00335



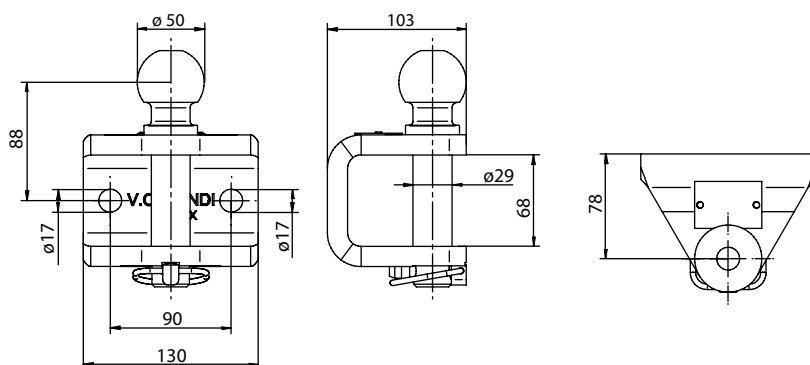
# DE70

## Ganci a sfera - Ball hitches

Per occhioni For drawbar eyes	<b>B50 ø50</b>	94/20/CE
	<b>ø40</b>	DIN 74054
	<b>ø45T ø76T</b>	ECE R55-01

### Dati tecnici - Technical data

Codice Part number	Flangia Hole pattern mm	Valore D/Dc sulla sfera D/Dc-Value on the ball kN	Valore D/Dc sul perno D/Dc-Value on the coupling kN	Massa S S-Load kg	Peso Weight kg	Classe Class	Omologazione Homologation
							ECE R55-01
DE02702	90	23	23	150	3,4	S	E11 01-10609



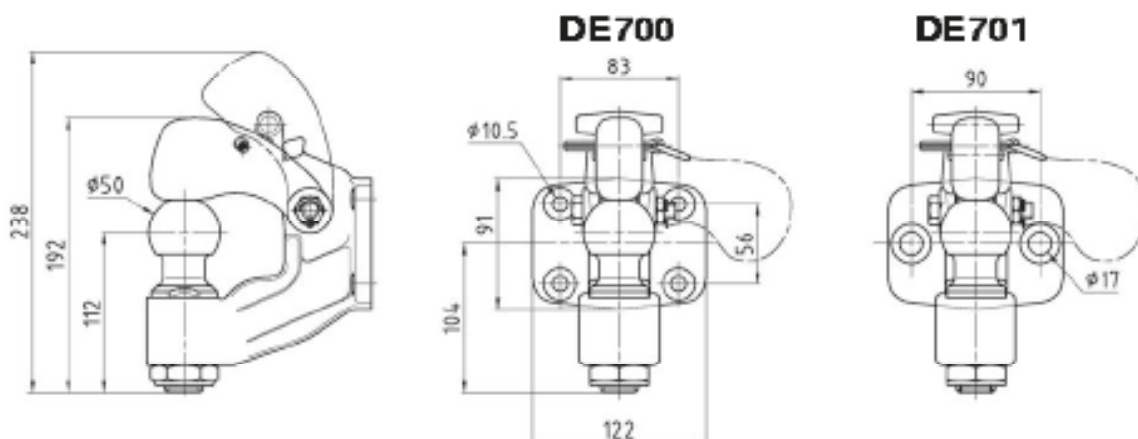
# DE700

## Ganci a sfera - Ball hitches

Per occhioni For drawbar eyes	<b>B50</b>	94/20/CE
	<b>ø76T</b>	ECE R55-01

### Dati tecnici - Technical data

Codice Part number	Flangia Hole pattern mm	Valore Da D-Value kN	Valore D D-Value kN	Massa S S-Load kg	Peso Weight kg	Classe Class	Omologazione Homologation
							94/20/CE
DE00700	83x56	31	31	340	5,5	S	e2 00 03043
DE00701	90	31	31	340	5,5	S	e2 00 03043





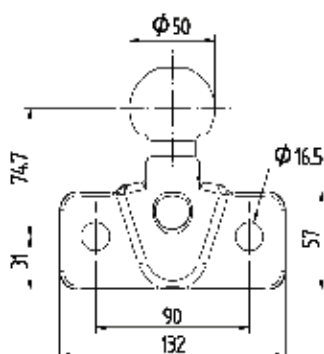
# DE72

Ganci a sfera - Ball hitches

Per occhioni For drawbar eyes	<b>B50</b>	94/20/CE
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## Dati tecnici - Technical data

Codice Part number	Flangia Hole pattern mm	Valore D D-Value kN	Massa S S-Load kg	Peso Weight kg	Classe Class	Omologazione Homologation
						ECE R55-01
DE00713	90	18	120	2	A50-X	E11 01-7665
DE71301	90	23	280	2	A50-X	E11 01-0533



# DEDALO

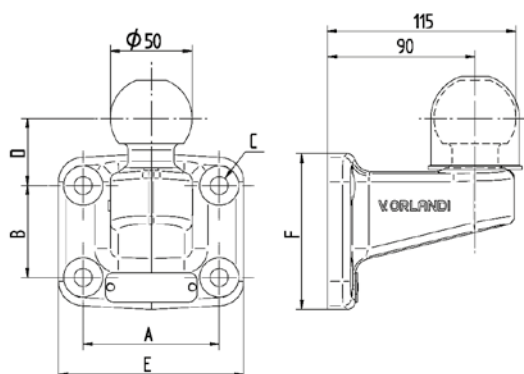
Ganci a sfera - Ball hitches

Per occhioni For drawbar eyes	<b>B50</b>	94/20/CE
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## Dati tecnici - Technical data

Codice Part number	Flangia Hole pattern mm	Peso rimorchiabile Total trailer weight t	Carico statico Static load kg	Valore D D-Value kN	Peso Weight kg	Omologazione Homologation				
						CUNA		Classe Class	94/20/CE	ECE R55-01
						CAT	DGM			
DE00200	100x60	3,5	200	-	3,5	II	48279	-	-	-
DE00400	85x45	3,5	200	-	3,5	II	48279	-	-	-
DE00510	83x56	3,5	250	23	3,5	-	-	A50-X	e11 00-0533	E11 01-0533
DE00600	120x55	3,5	330	28	3,5	-	-	A50-X	e3 00-1541	-

Codice Part number	A mm	B mm	C mm	D mm	E mm	F mm
DE00200	100	60	15	39	150	100
DE00400	85	45	15	46,5	150	100
DE00510	83	56	11	41	113	95
DE00600	120	55	15	41,5	150	100





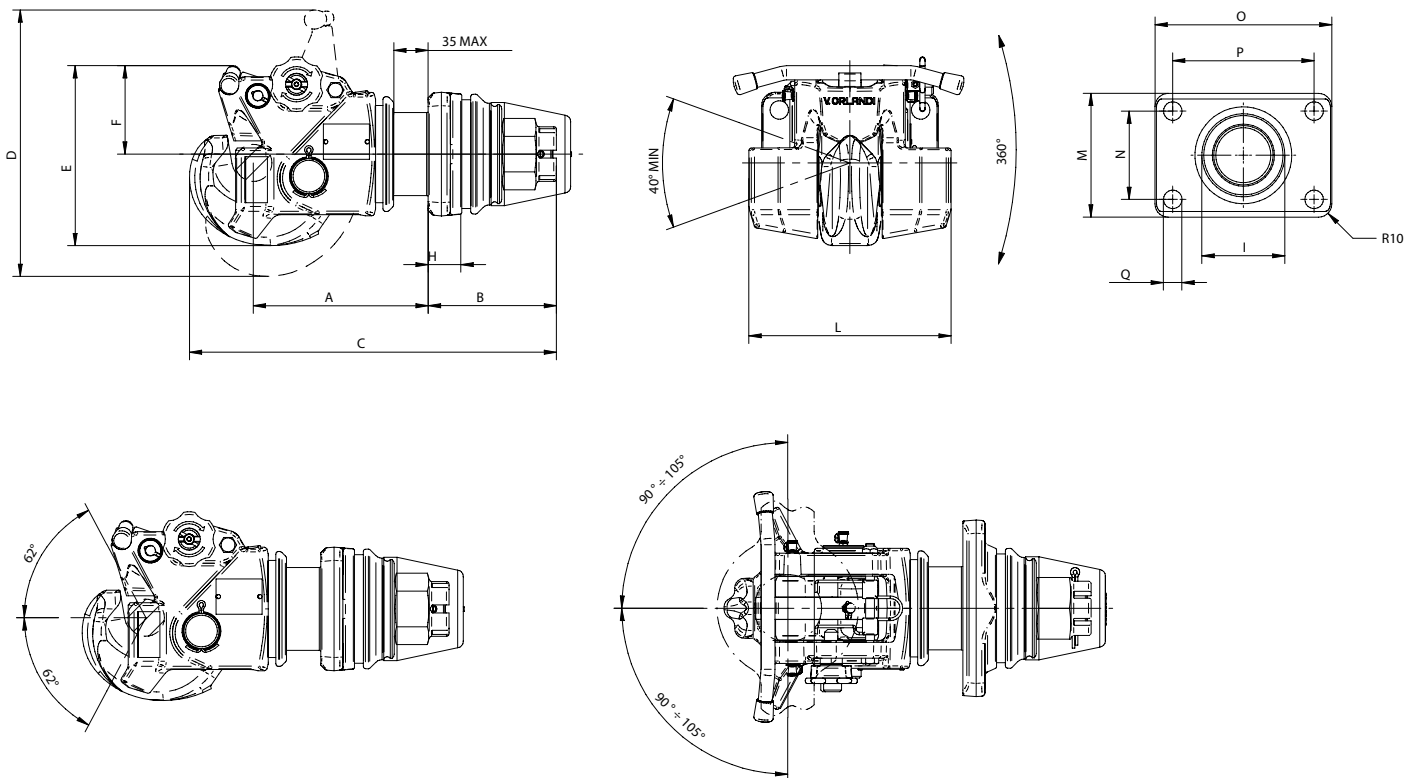
# UN 96

Ganci ad uncino - Pintle hooks

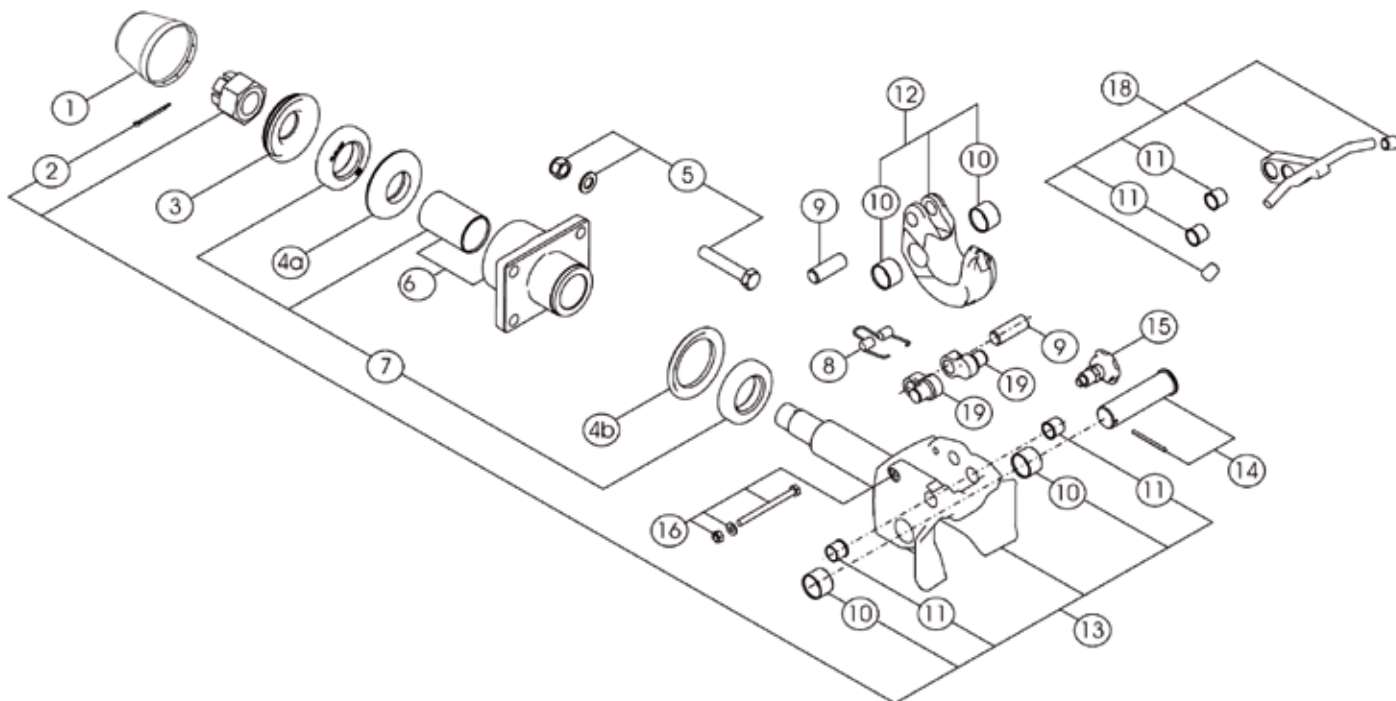
Per occhioni For drawbar eyes	<b>Ø 76 T</b>	ECE R55-01
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## Dati tecnici - Technical data

Codice Part number	Flangia Hole pattern mm	Valore D D-Value kN	Valore Dc Dc-Value kN	Massa S S-Load kg	Valore V V-Value kN	Peso Weight kg	Omologazione Homologation	
							Classe Class	ECE R55-01
UN96300	120x55	70	54	700	18	28	KA1	E3 01-3004
UN96400	140x80	100	70	900	25	28	KA2	E3 01-3003
UN96600	160x100	190	103	1500	50	38	KA3	E3 01-3002



Codice Part number	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	L mm	M mm	N mm	O mm	P mm	Q mm
UN 963 00	184	160	410	258	186	93	13	20	190	90	55	155	120	15
UN 964 00	179	165	410	258	186	93	13	20	190	120	80	180	140	17
UN 966 00	197	145	415	301	204	100	10	29	229	140	100	200	160	21



POS.	Tutti i tipi All types	UN 96300	UN 96400	UN 96600
1	RG00603			
2	RG00064			
3		RG00076	RG00175	RG00622
4a		RG00216	RG00189	-
4b		RG00216	RG00189	RG00173
5		RG00130	RG00131	RG00132
6		RG00182	RG00195	RG00617
7		RG00217	RG00183	RG00618
8		RG00471	RG00471	RG00339
9		RG00472	RG00472	RG00331
10		RG00473	RG00473	RG00332
11		RG00474	RG00474	RG00333
12		RG00475	RG00475	RG00341
13		RG00647	RG00647	RG00646
14		RG00476	RG00476	RG00334
15	RG00335			
16		RG00477	RG00477	RG00336
18		RG00478	RG00478	RG00345
19		RG00479	RG00479	RG00337



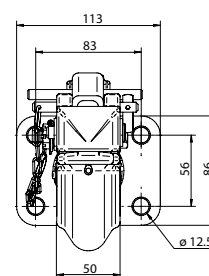
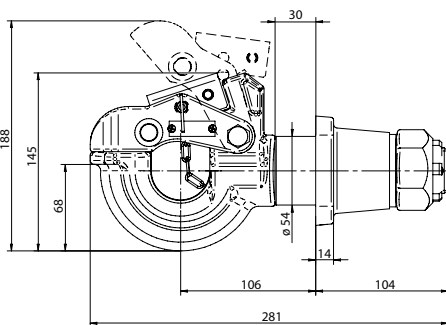
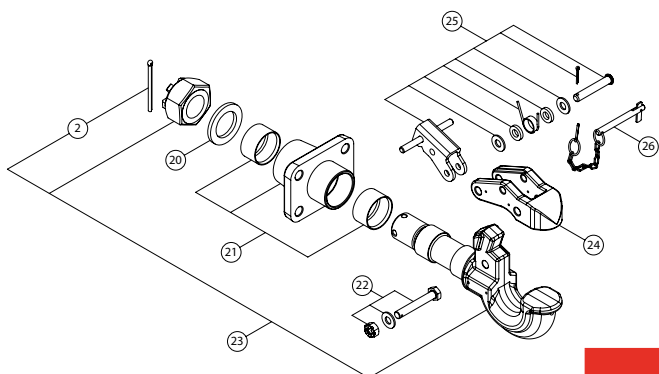
# UN 761

Ganci ad uncino - Pintle hooks

Per occhioni For drawbar eyes	<b>Ø 76 T</b>	ECE R55-01
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### Dati tecnici - Technical data

Codice Part number	Flangia Hole pattern mm	Valore D D-Value kN	Valore Dc Dc-Value kN	Massa S S-Load kg	Valore V V-Value kN	Peso Weight kg	ECE R55-01	
							Classe Class	Omologazione Homologation
UN76100	85x56	27	21	350	15	15	K3	E3 01-3005



POS.	Codice Part number	POS.	Codice Part number
2	RG00369	23	RG00348
20	RO00011	24	RG00349
21	RG00346	25	RG00350
22	RG00347	26	RG00351



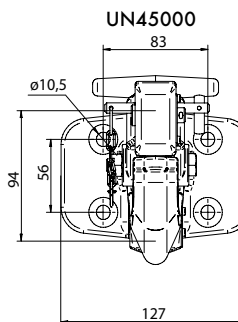
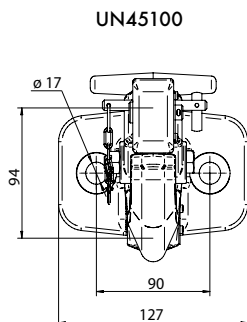
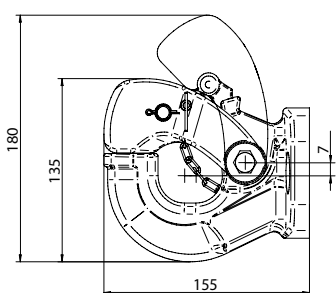
# UN 45

Ganci ad uncino - Pintle hooks

Per occhioni For drawbar eyes	<b>Ø 76 T</b>	ECE R55-01
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### Dati tecnici - Technical data

Codice Part number	Flangia Hole pattern mm	Valore D D-Value kN	Valore Dc Dc-Value kN	Massa S S-Load kg	Peso Weight kg	94/20/CE	
						Classe Class	Omologazione Homologation
UN45000	83x56	31	31	340	3,8	S	e2 00-03042
UN45100	90	31	31	340	3,5	S	e2 00-03042





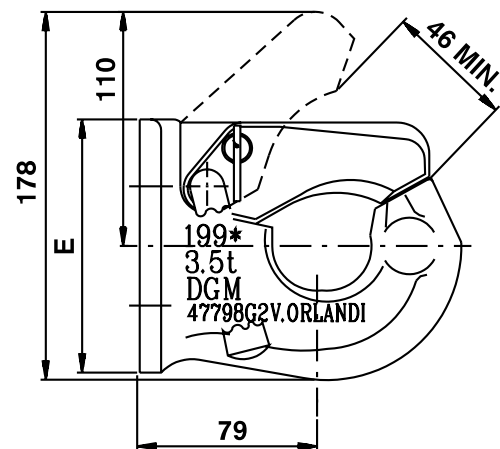
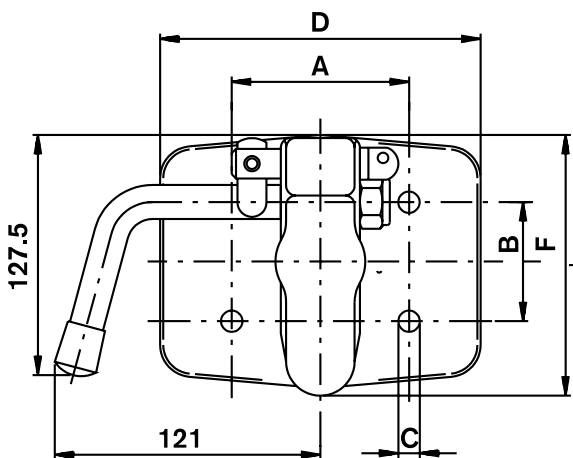
# ULPYO

Ganci ad uncino - Pintle hooks

Per occhioni For drawbar eyes	<b>ø76T</b>	ECE R55-01
	<b>ø45T</b>	CUNA NC 138-4

## Dati tecnici - Technical data

Codice Part number	Flangia Hole pattern mm	Peso rimorchiabile Total trailer weight t	Carico statico Static load kg	Peso Weight kg	Omologazione Homologation		
					CUNA NC 138-40		ECE R55-01
					CAT	DGM	
UN00100	83x56	3,5	200	5,5	II	47798	E11 01-11185
UN00200	68x70	3,5	200	5,5	II	47798	E11 01-11185
UN00300	100x60	3,5	200	5,5	II	47798	E11 01-11185
UN00400	120x55	3,5	200	5,5	II	47798	E11 01-11185
UN00500	85x45	3,5	200	5,5	II	47798	E11 01-11185



Codice Part number	A mm	B mm	C mm	D mm	E mm	F mm
UN00100	83	56	11	150	119	122,5
UN00200	68	70	13	100	106	121
UN00300	100	60	15	150	119	122,5
UN00400	120	55	15	150	119	122,5
UN00500	85	45	15	150	119	122,5





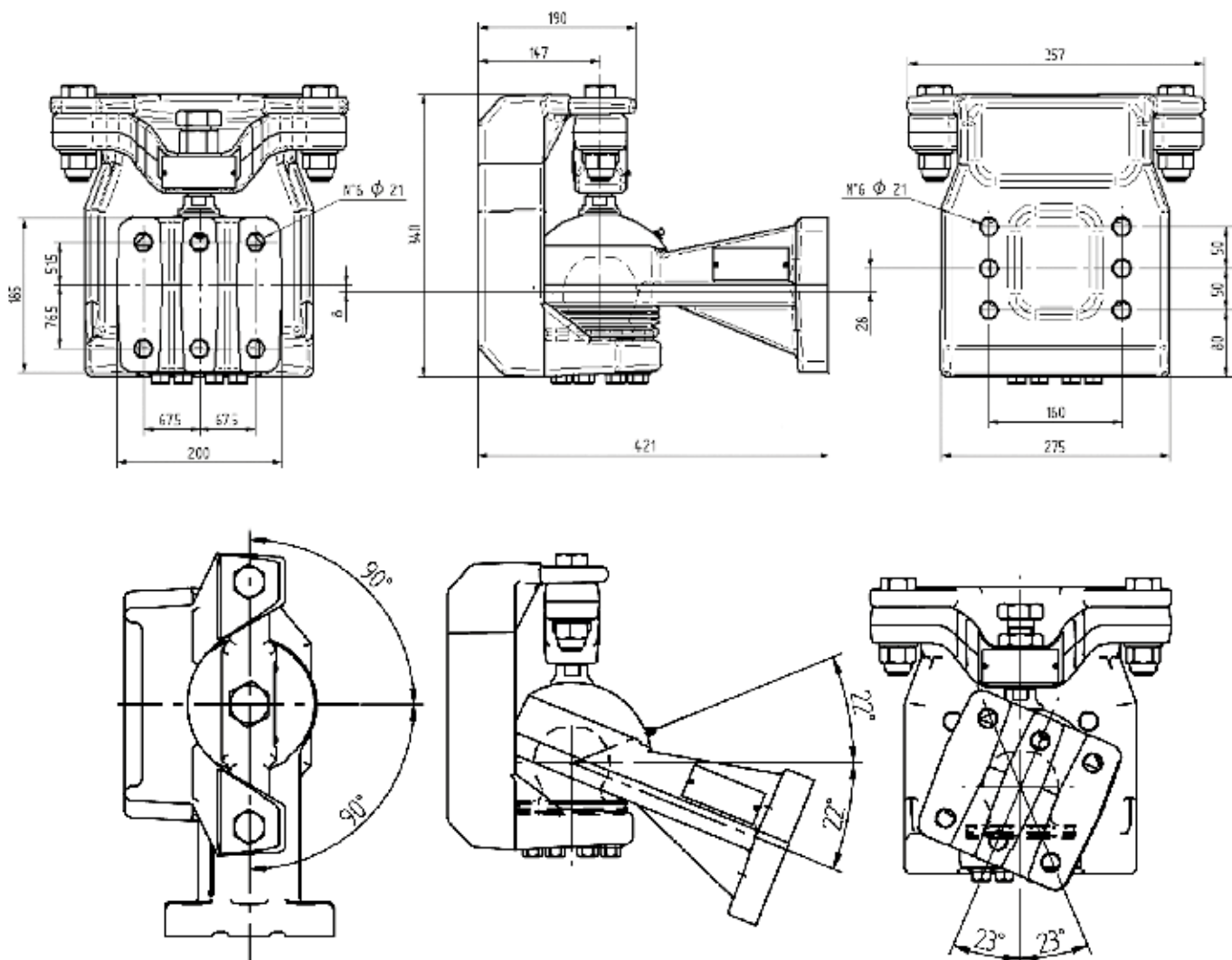
# GS900

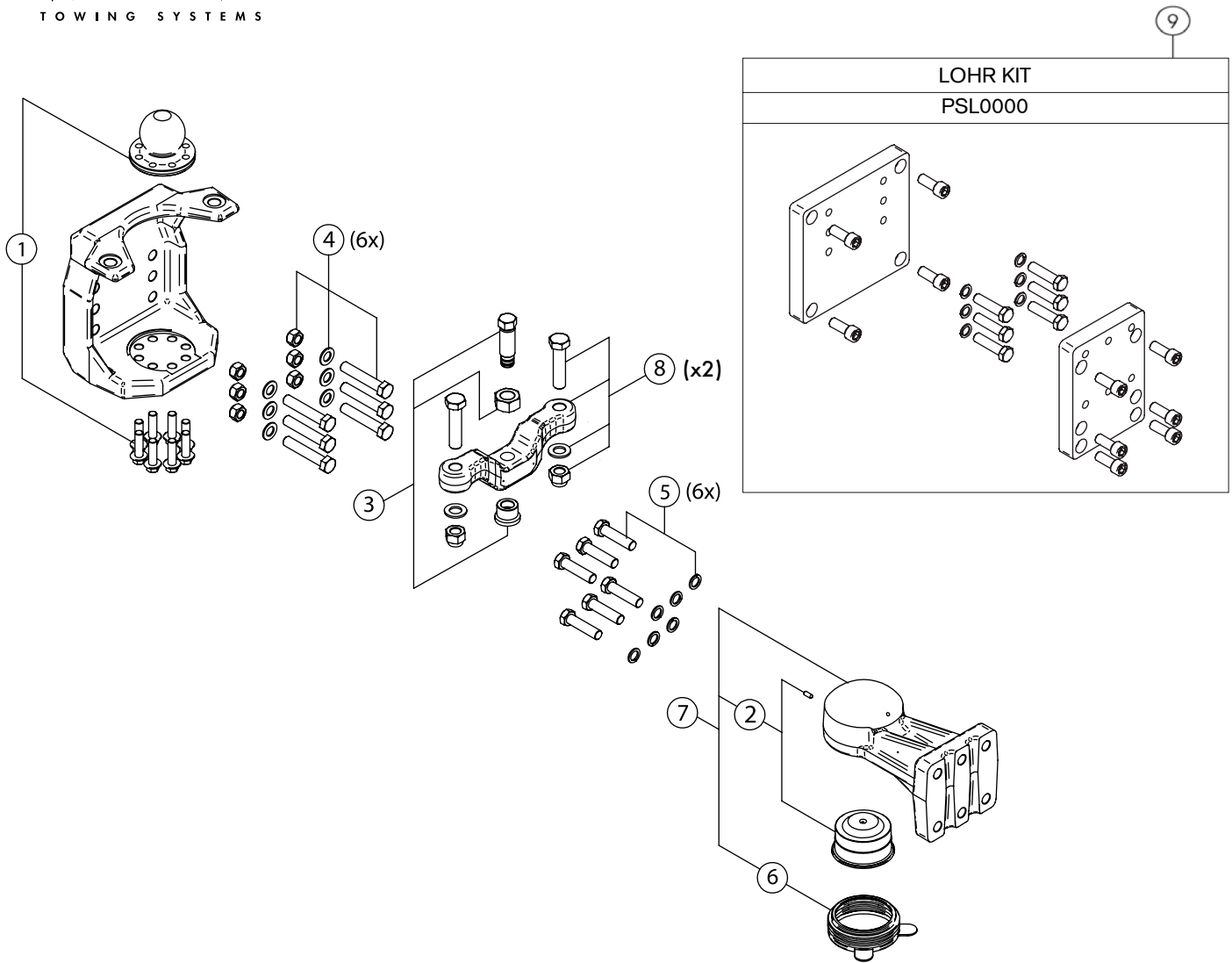
Ganci trasporto vetture  
Car transporter drawbar coupling

Per occhioni For drawbar eyes	<b>Ø 76 T</b>	ECE R55-01
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## Dati tecnici - Technical data

Codice Part number	Valore Dc Dc-Value kN	Valore V V-Value kN	Massa S S-Load kg	Peso Weight kg	Omologazione Homologation	
					Classe Class	ECE R55-01
GS91100	145	110	1000	86	T	E11 01-3791
		90	2500			





POS.	Tutti i tipi All types	GS91100	GS91000* *	GS90000*
1		RG00467	RG00467	RG00322
2	RG00323			
3		RG00468		
4	RG00325			
5	RG00326			
6	RG00327			
7	RG00439			
8		RG00469		
3+8		RG00489	RG00489	RG00488
9	PSL0000			

\* In produzione fino al 12/2005

\* In production till 12/2005

\*\* In produzione fino al 07/2007

\*\* In production till 07/2007



# HERCULES

Gancio per traini eccezionali  
Trailer coupling for heavy weight transport

Per occhielli  
For drawbar eyes

Ø  
**50**

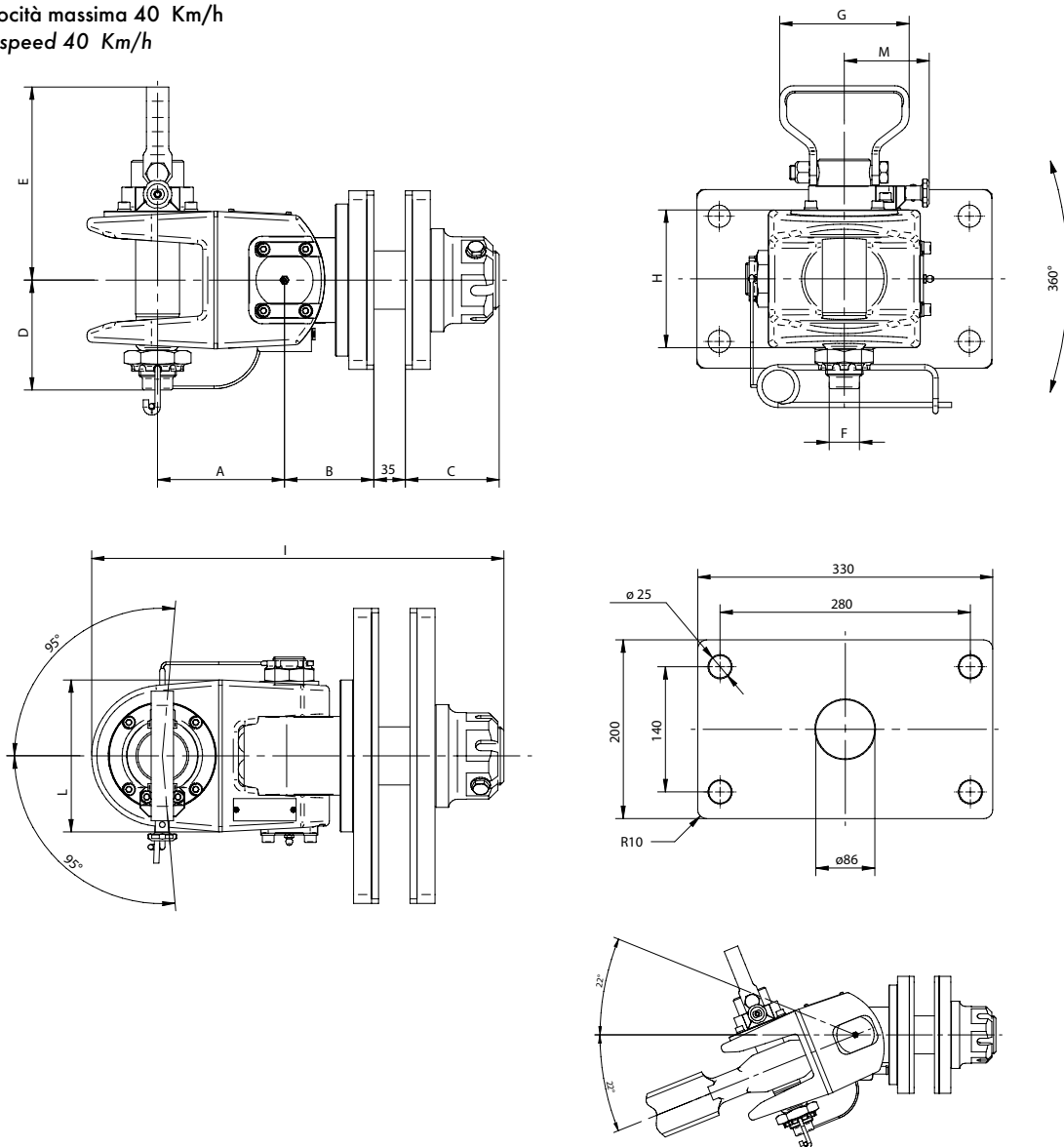
Ø  
**70**

CUNA NC 438-55

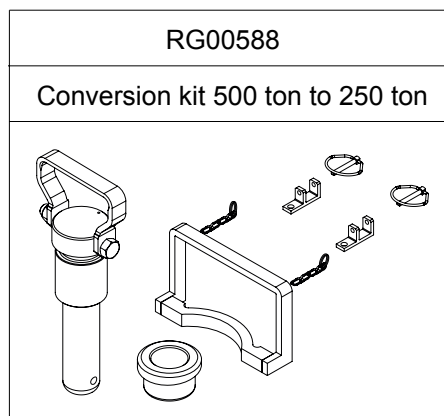
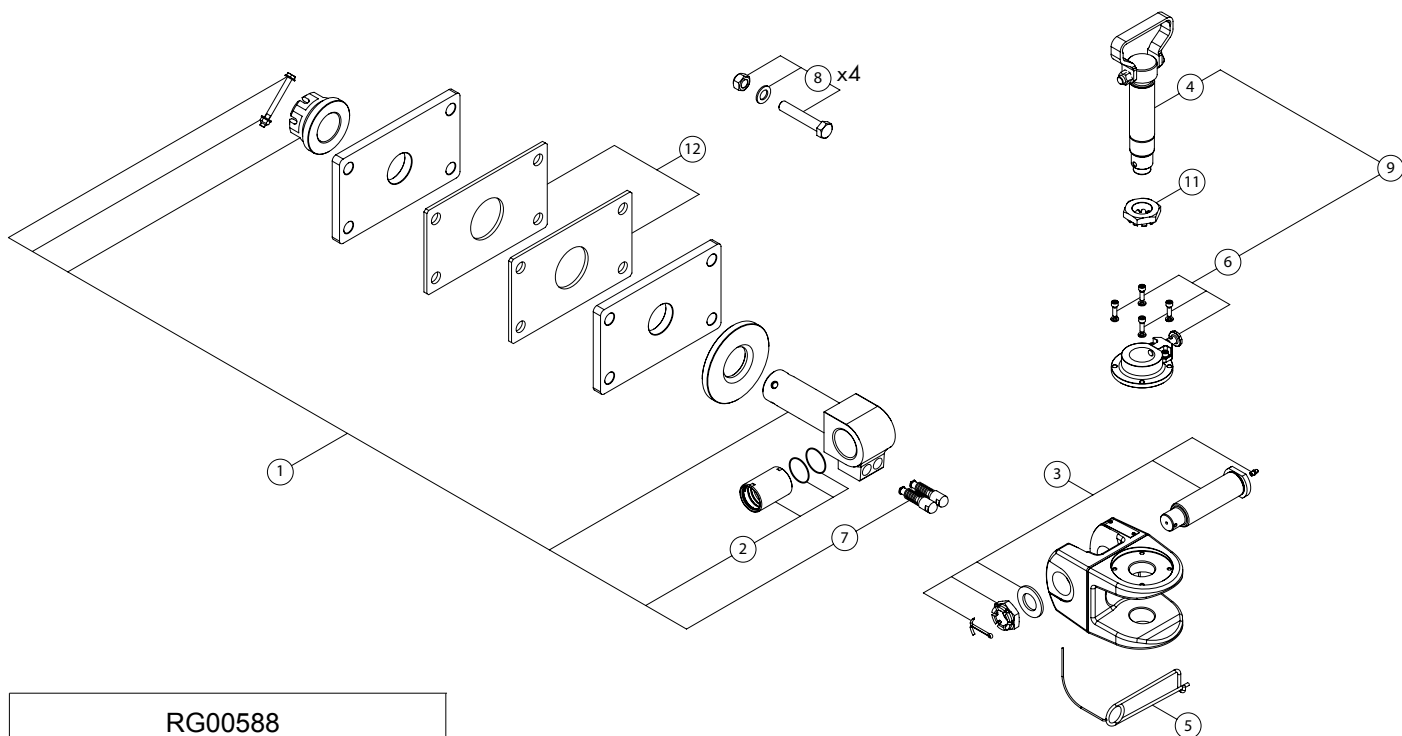
## Dati tecnici - Technical data

Codice Part number	Flangia Hole pattern mm	Valore D D-Value kN	Peso rimorchiabile Total trailer weight t	Peso Weight kg	Omologazione - Homologation		
					Classe Class	CUNA NC 138-55	CRN
T100110	280x140	265	250	64	VII	DGM*3*0203-G7	46292
T100210	280x140	460	500	100	VIII	DGM*3*0211-G8	46900

Attenzione: velocità massima 40 Km/h  
Attention: max speed 40 Km/h



Codice Part number	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	L mm	M mm
T100110	142	100	105	103	216	ø 49	145	154	461	170	94
T100210	160	134	121	120	232	ø 69	145	186	539	192	103



POS.	Tutti i tipi All types	TI00110	TI00210
1		RG00544	RG00545
2		RG00650	RG00652
3		RG00651	RG00653
4		RG00580	RG00581
5	RG00052		
6		RG00590	RG00591
7		RG00549	RG00550
8	RG00554		
9		RG00592	RG00593
10			RG00588
11		RG00660	RG00661
12	RG00659		
2, 3		RG00599	RG00600



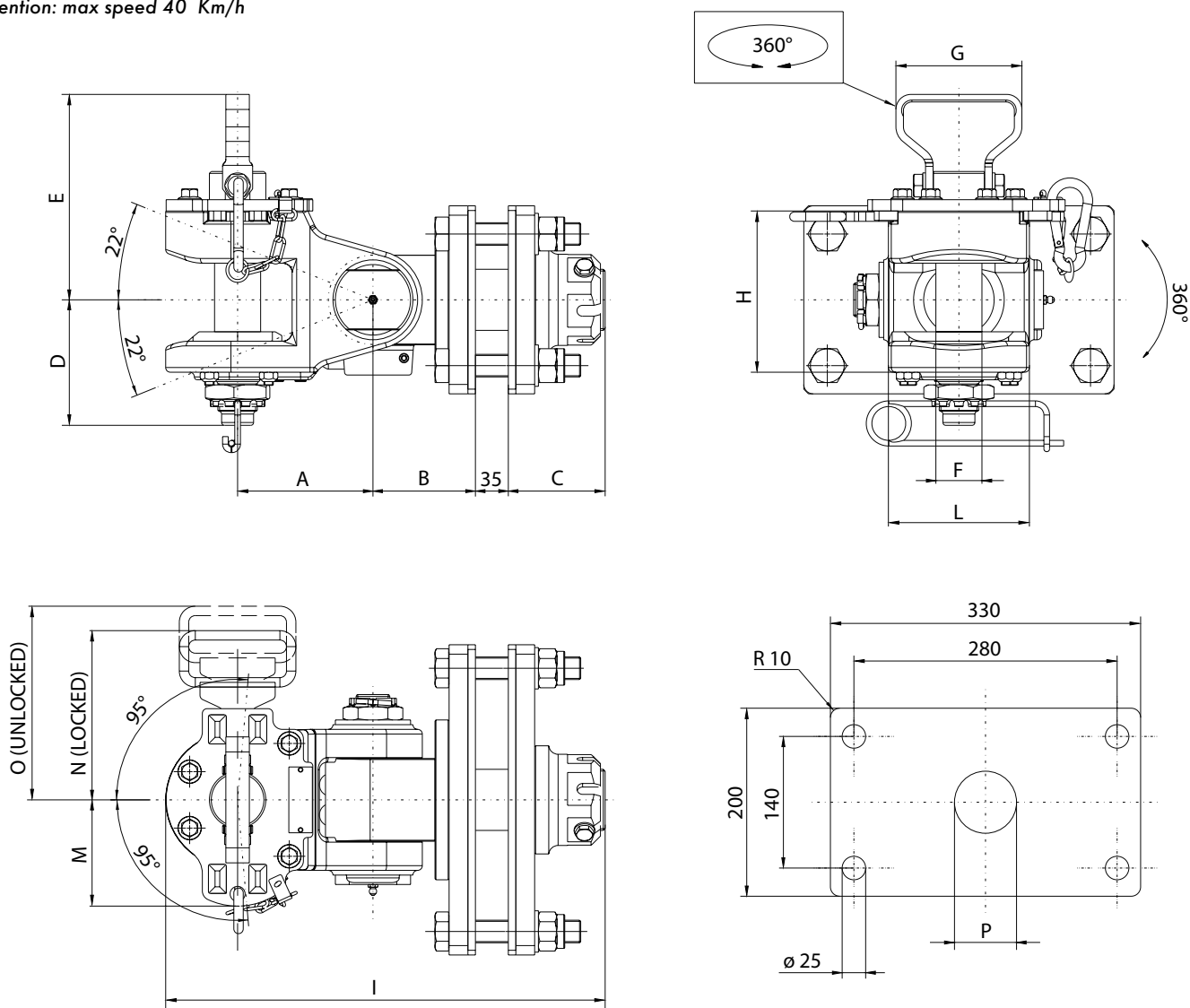
# HD 50/70

Gancio per traini eccezionali  
Trailer coupling for heavy weight transport

Per occhielli For drawbar eyes	Ø	Ø	CUNA NC 438-55 ECE R55-01
	<b>50</b>	<b>70</b>	

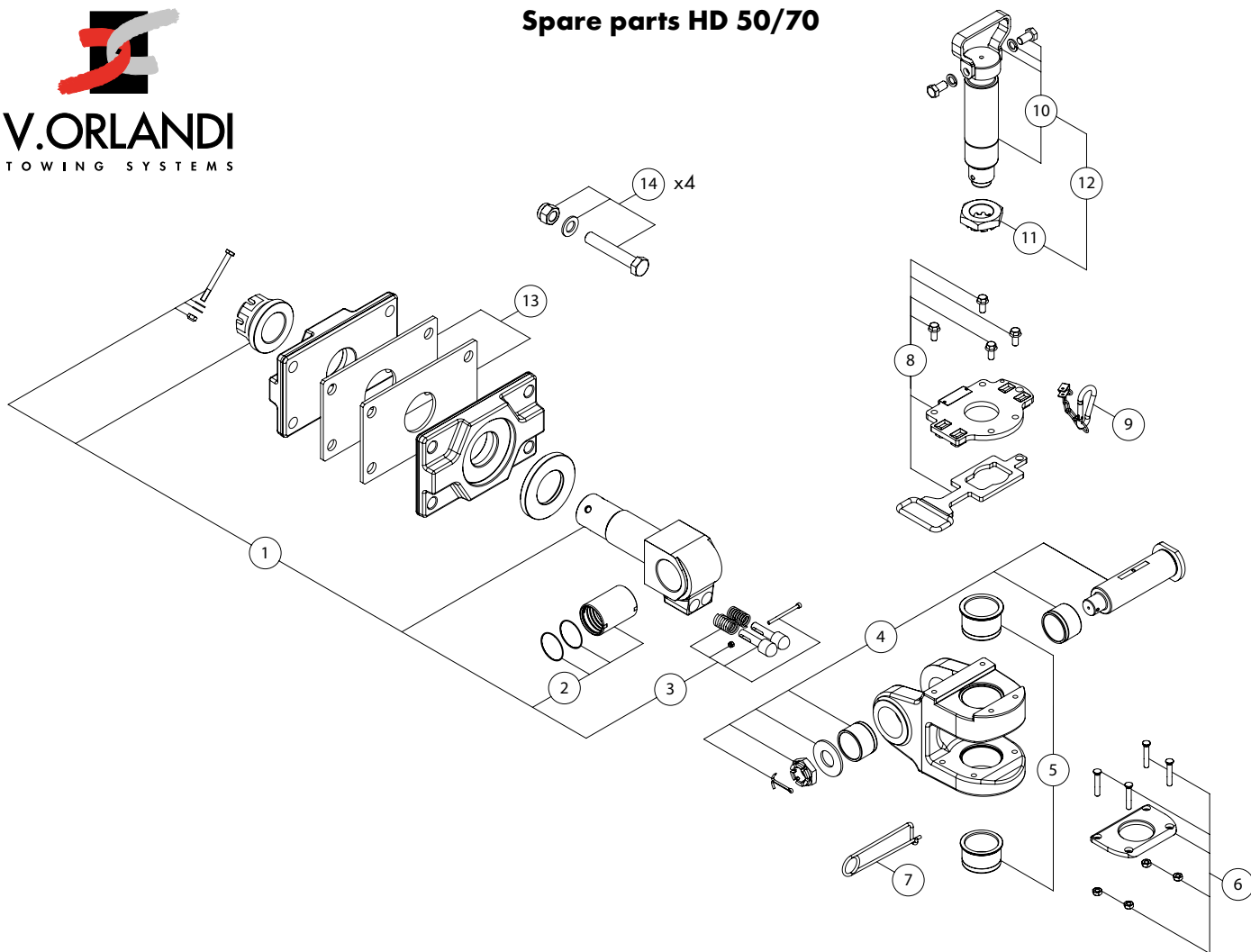
Dati tecnici - Technical data							
Codice Part number	Flangia Hole pattern mm	Valore D D-Value kN	Peso rimorchiabile Total trailer weight t	Peso Weight kg	Omologazione - Homologation		
					Classe Class	CUNA NC 138-55	ECE R55-01
HD50251	280x140	400	250	72,5	VII	DGM*3*0203-G7	E32 07-0017
HD70501	280x140	800	500	111	VIII	DGM*3*0211-G8	E32 07-0019

Attenzione: velocità massima 40 Km/h  
Attention: max speed 40 Km/h



Codice Part number	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	L mm	M mm	N mm	O mm	P mm
HD50521	144	109	103	133,5	218,5	Ø 49	134	171,5	467,5	150	115	180	206	Ø 66
HD70501	167	129	121	158,5	237,5	Ø 69	144	203,5	543	180	123	194	222	Ø 86

## Spare parts HD 50/70



POS.	Tutti i tipi All types	Codice Part number	
		HD50251	HD70501
1		RG00690	RG00699
2		RG00650	RG00652
3		RG00691	RG00700
4		RG00692	RG00701
5		RG00693	RG00702
6		RG00694	RG00703
7	RG00707		
8		RG00695	RG00704
9	RG00696		
10		RG00697	RG00705
11		RG00660	RG00661
12		RG00698	RG00706
13	RG00659		
14	RG00554		
2,4		RG00727	RG00726



# HD 50F

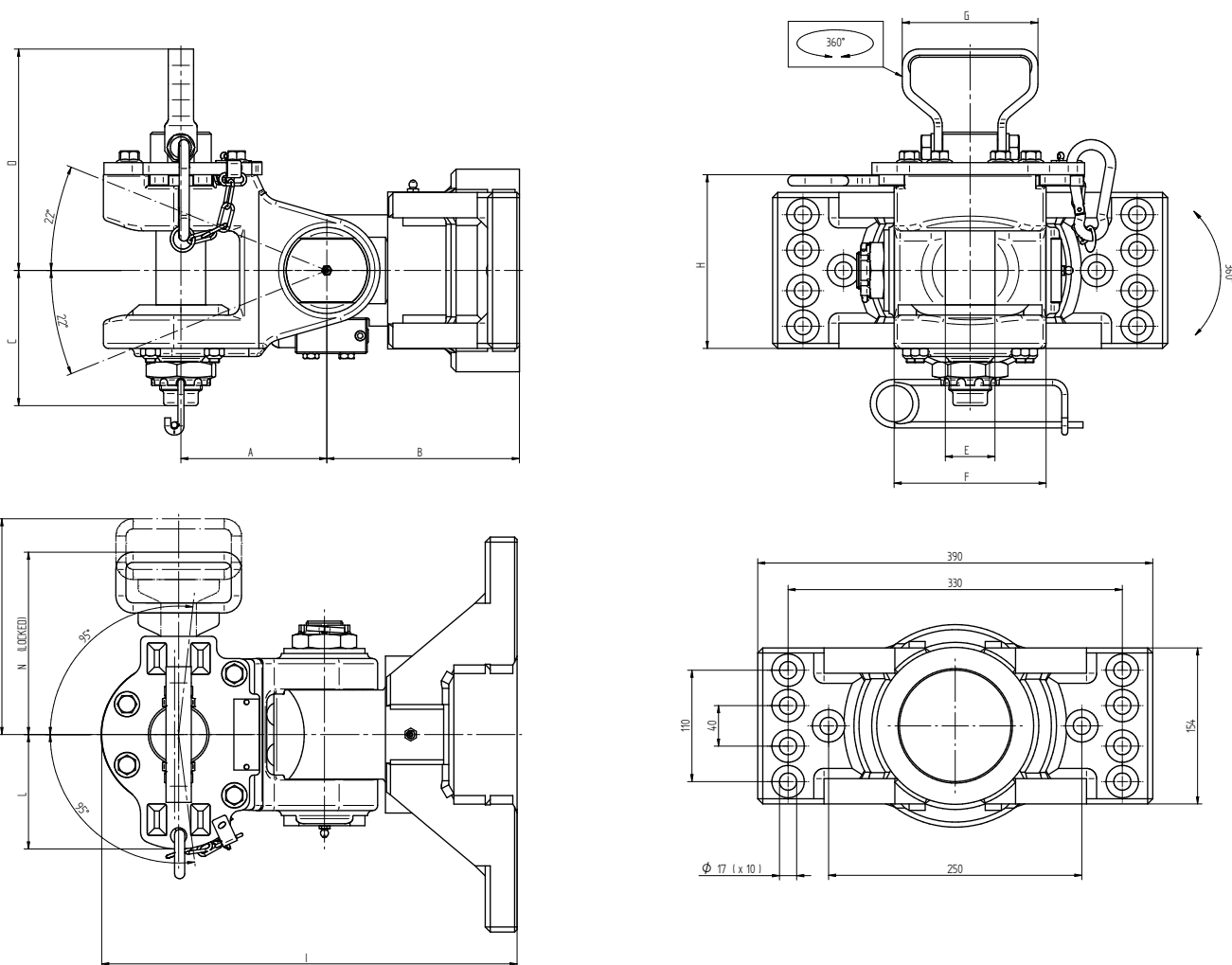
**Gancio per traini eccezionali**  
**Trailer coupling for heavy weight transport**

Per occhielli For drawbar eyes	<b>Ø 50</b>	ECE R55-01
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## Dati tecnici - Technical data

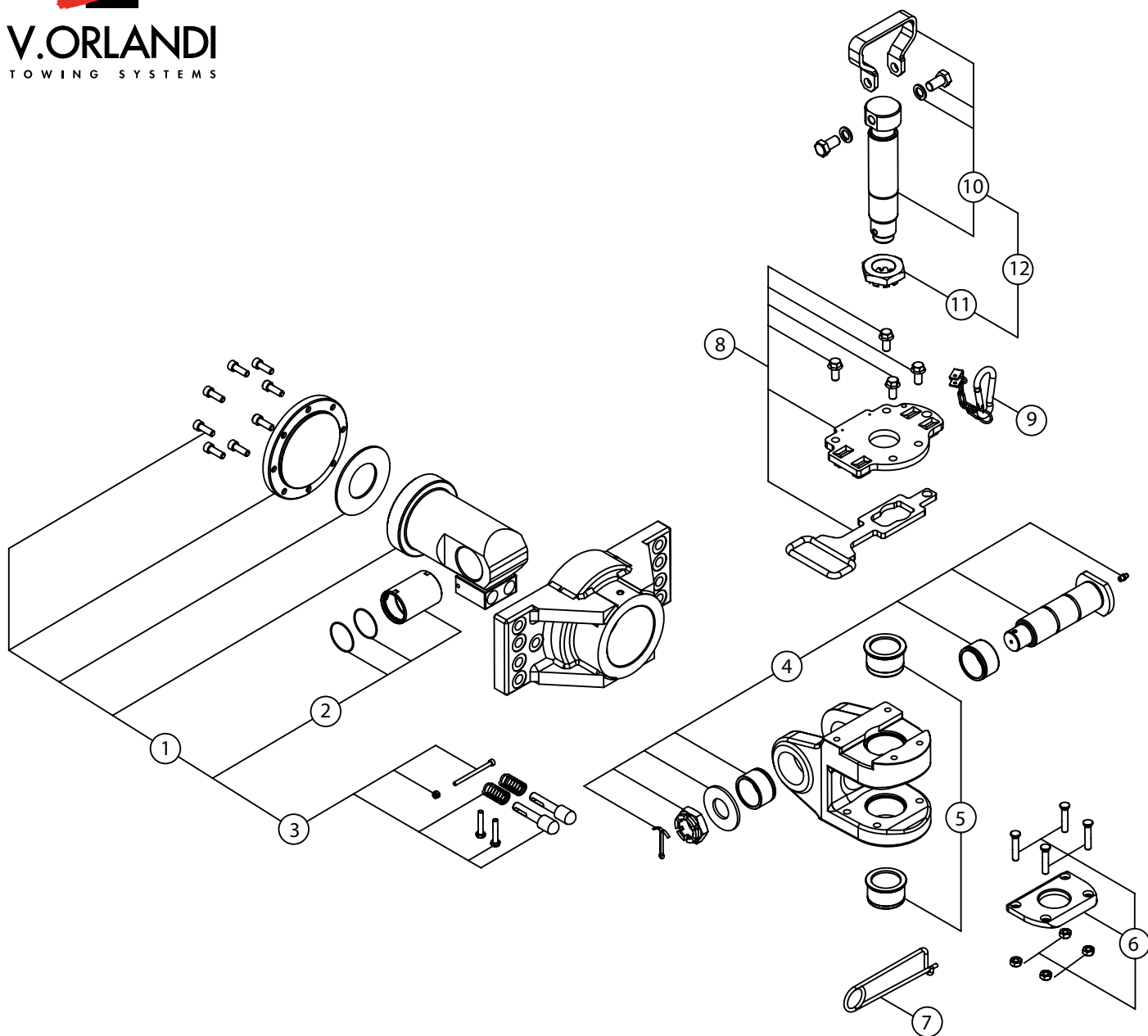
Codice Part number	Flangia Hole pattern mm	Valore D D-Value kN	Peso rimorchiabile Total trailer weight t	Peso Weight kg	Omologazione - Homologation	
					Classe Class	ECE R55-01
HD5F251	280x140	400	250	72,5	S	ECE R55-01

Attenzione: velocità massima 40 Km/h  
 Attention: max speed 40 Km/h



Codice Part number	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	L mm	M mm	N mm
HD5F251	144	190	133,5	218,5	ø 49	150	134	171,5	410	150	206	180





POS.	Tutti i tipi All types
1	RG00732
2	RG00650
3	RG00731
4	RG00692
5	RG00693
6	RG00694
7	RG00707
8	RG00695
9	RG00696
10	RG00697
11	RG00660
12	RG00698



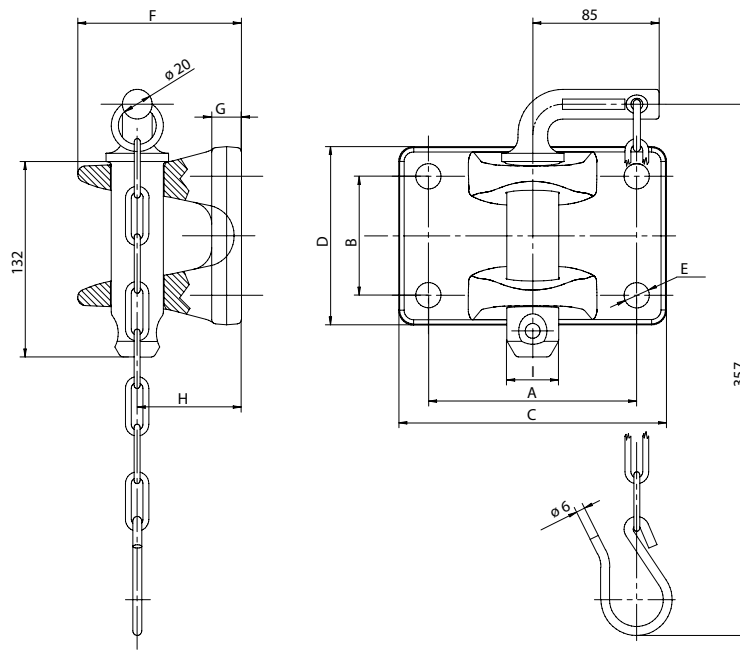
# GM10

Private yard tow

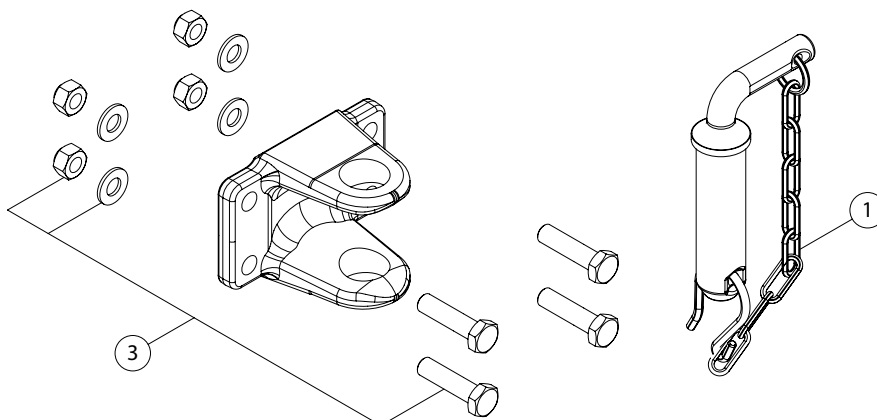
For drawbar eyes	<b>ø 40</b>	DIN 74054
	<b>ø 50</b>	94/20/CE
	<b>ø 76 T</b>	ECE R55-01

## Dati tecnici - Technical data

Codice Part number	Peso rimorchiabile Total trailer weight t	Peso motrice Total weight of towing vehicle t	Peso Weight kg
GM10300	25	50	4,2
GM10400	35	70	6
GM10500	50	120	7



Codice Part number	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm
GM103	120	55	155	90	ø 15	102	15	70	ø 35
GM104	140	80	180	120	ø 17	110	20	70	ø 35
GM105	160	100	200	140	ø 21	110	20	70	ø 35

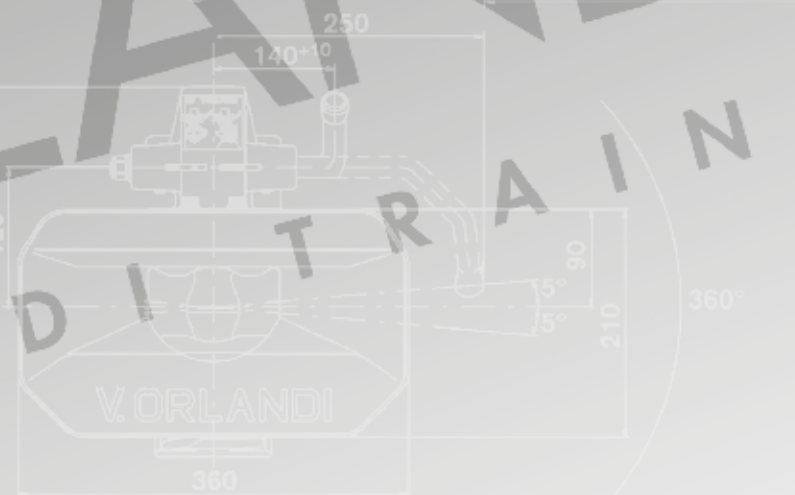
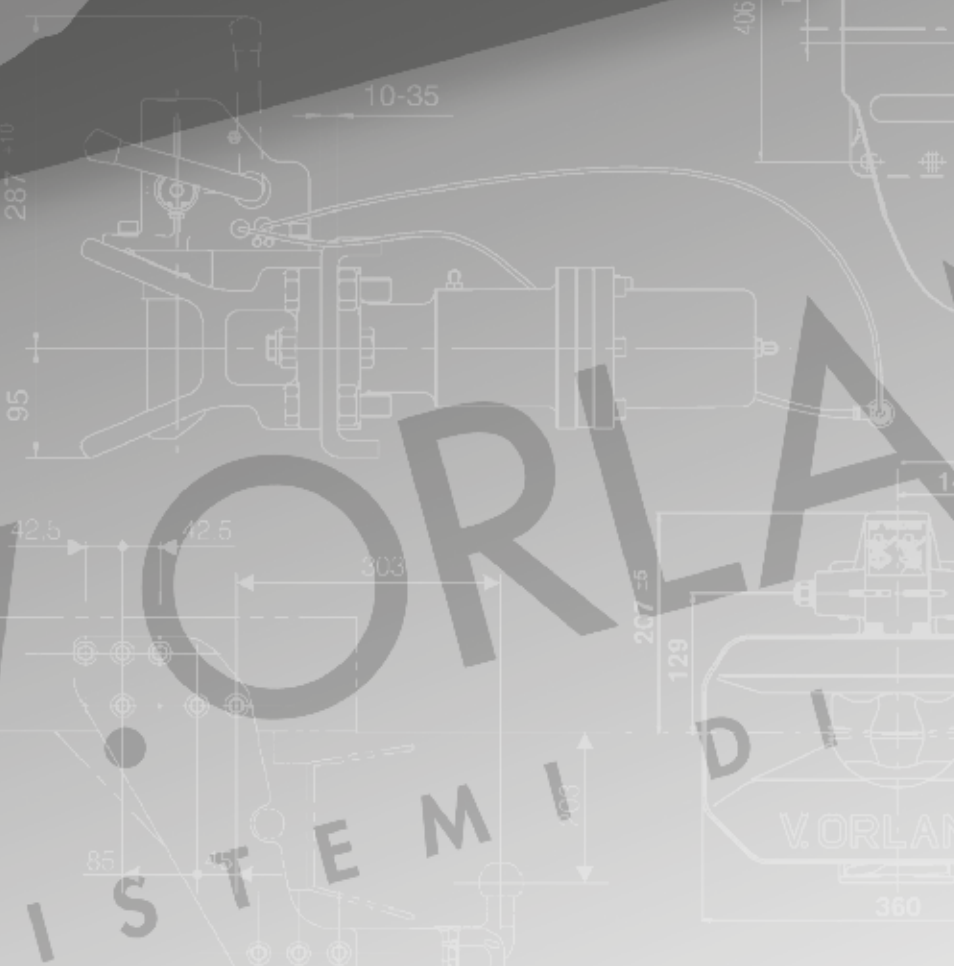
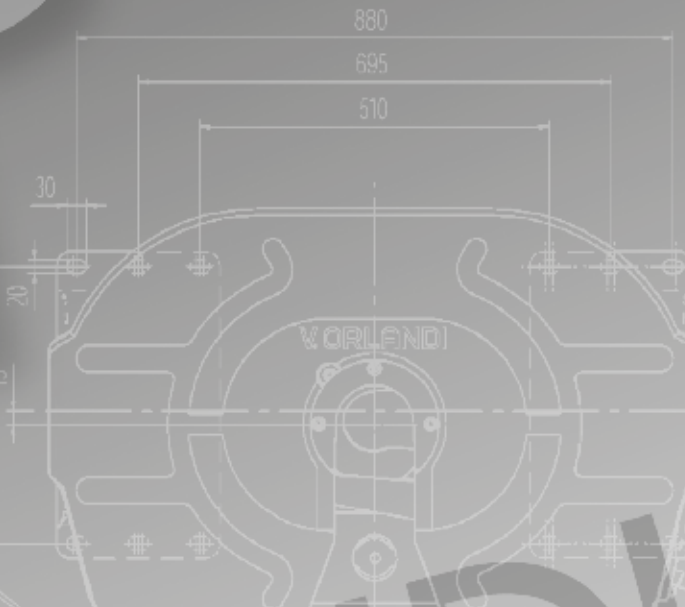


POS.	GM103	GM104	GM105
1	RG00219	RG00219	RG00219
3	RG00130	RG00131	RG00132

ATTENZIONE: Pos. 3 NON è inclusa.  
ATTENTION: Pos. 3 is NOT included.

Tutti i ganci di manovra sono forniti senza targhetta di omologazione. Dimensioni principali e capacità di traino in accordo con le direttive 1999/58/CE e 96/64/CE.

All towing couplings are delivered without a type plate. Main dimensions and towing capacity in compliance with directives 1999/58/CE and 96/64/CE.





**WORLANDI**  
**SISTEMI DI TRAINING**





858 / LOCKED  
840 / UNLOCK

# Kits Complementari - Complementary kits

## KIT APERTURA MECCANICA - MECHANICAL REMOTE OPENING

	Codice Article number	Descrizione Description	Applicabile ai ganci serie Applicable to couplings series	Pagina Page
	CO01700	Apertura meccanica a distanza Mechanical remote opening	GA25	47
	CO01800 CO01810	Apertura meccanica a distanza Mechanical remote opening	EH45 - EH50 - E50 - E520 - E525 - E550	48

## KIT APERTURA PNEUMATICA - PNEUMATIC REMOTE OPENING

	Codice Article number	Descrizione Description	Applicabile ai ganci serie Applicable to couplings series	Pagina Page
	CO04000	Apertura meccanica a distanza Mechanical remote opening	MV50	49
	CO01400	Apertura pneumatica "Kinetrol" Pneumatic remote opening "Kinetrol"	EH45 - EH50 - E50 - E57 - E520 - E525 E550	50
	CO01420		E57	51
	CO02110	Apertura pneumatica "Linear" Pneumatic remote opening "Linear"	E57	52
	CO02300		EH50 - E50 - MV50 - E57 E520 E525 - E550	53
	CO02200	Apertura pneumatica "Linear" Pneumatic remote opening "Linear"	E40	54

Codice Article number	Descrizione Description	Applicabile ai ganci serie Applicable to couplings series	Pagina Page
CO02600	Segnalazione apertura/chiusura + segnalazione limite sterzata Open-closed remote indicator + jackknife remote indicator	E40 - E520 - E550 - E551 - E525 - E50	55
CO02607	Segnalazione aggiuntiva apertura/chiusura + segnalazione limite sterzata Extra open-closed remote indicator + jackknife remote indicator	E40 - E520 - E550 - E551 - E525 - E50	55
CO01601	Segnalazione apertura/chiusura Open-closed remote indicators	E40 - E520 - E550 - E576 - E551 - EH524 - E525 - EH50	55
CO02601	Segnalazione aggiuntiva apertura/chiusura Extra open-closed remote indicators	E40 - E520 - E550 - E576 - E551 - EH524 - E525 - EH50	55
CO02602	Segnalazione limite sterzata Jackknife remote indicator	E40 - E520 - E550 - E551 - E50 - E525	56
CO01603 CO01606	Segnalazione apertura - Segnalazione chiusura Open remote indicator - Closed remote indicator	E40 - E520 - E550 - E576 - E551 - EH524 - E50 - E525 - EH50 - EH45	56
CO02605	Segnalazione apertura/chiusura esterno Outside open-closed remote indicators	E40 - E520 - E550 - E576 - E551 - EH524 - E50 - E525 - EH50 - EH45	56



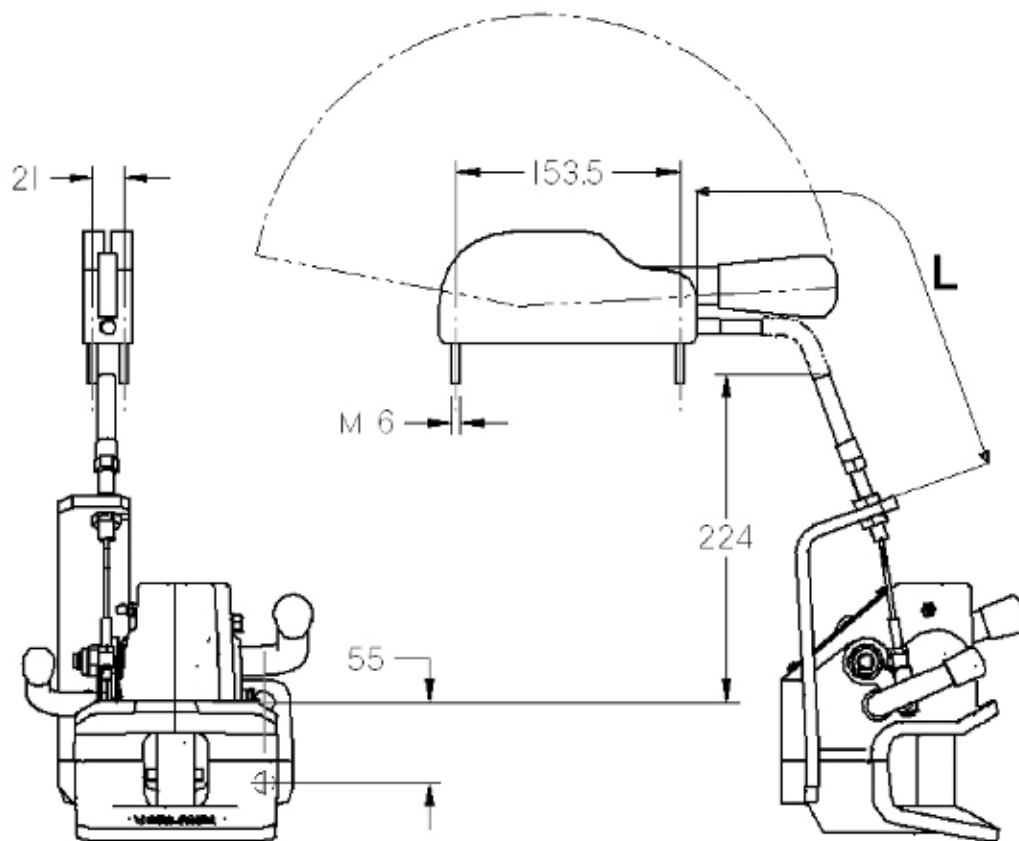
# Kit CO01700

Apertura meccanica a distanza  
*Mechanical remote opening*

## Dati tecnici - Technical data

Codice Part number	L mm	Applicabile ai ganci serie Applicable to couplings series
CO01700	2500	GA25
CO01701	1500	GA25
CO01702	2000	GA25
CO01703	3000	GA25
CO01704	4000	GA25
CO01705	1600	GA25

## Dimensioni principali - Main dimensions

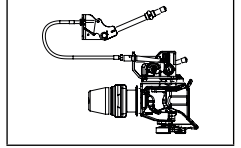




# Kit CO01800

Apertura meccanica a distanza  
Mechanical remote opening

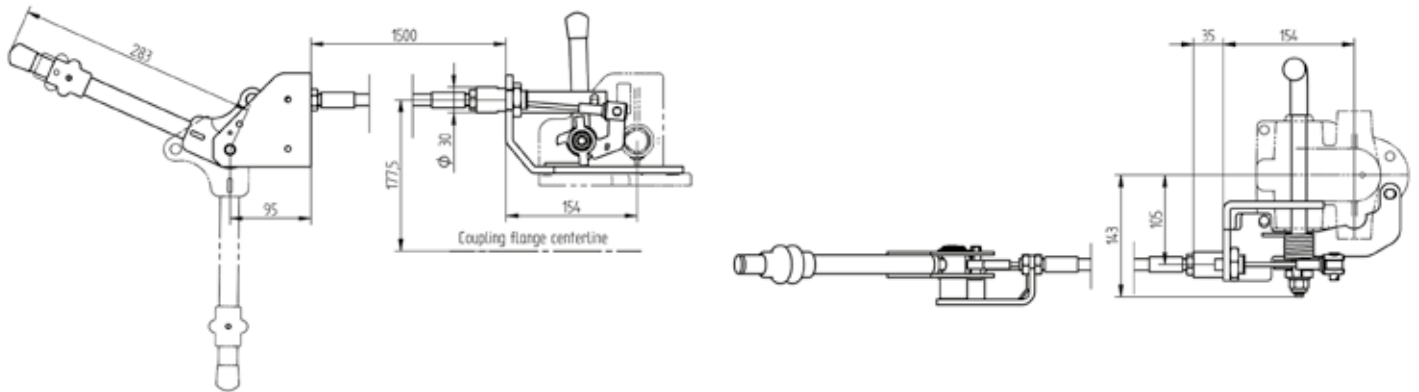
A2  
Versione - Version



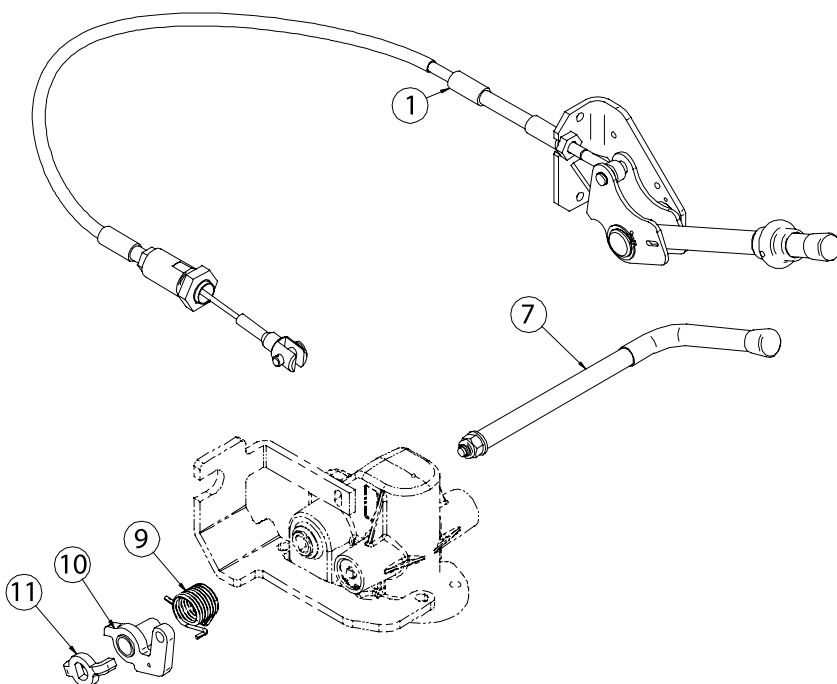
## Dati tecnici - Technical data

Codice - Part number	Applicabile ai ganci serie - Applicable to couplings series
CO01800	E50 - E525 - E520 - E550 - EH50 - E551
CO01810	EH45

## Dimensioni principali - Main dimensions



## Ricambi - Spare parts



POS.	CO01800/1810
1	RG00410
7	RG00406
9	RG00407
10	RG00409
11	RG00408

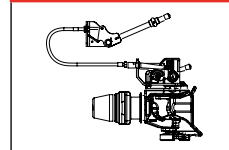
ATTENZIONE: È obbligatorio il segnalatore in cabina CO02605 (94/20/CE)  
ATTENTION: With the above versions is required in the cabin indicator CO02605 (94/20/CE)



# Kit CO04000

Apertura meccanica a distanza  
Mechanical remote opening

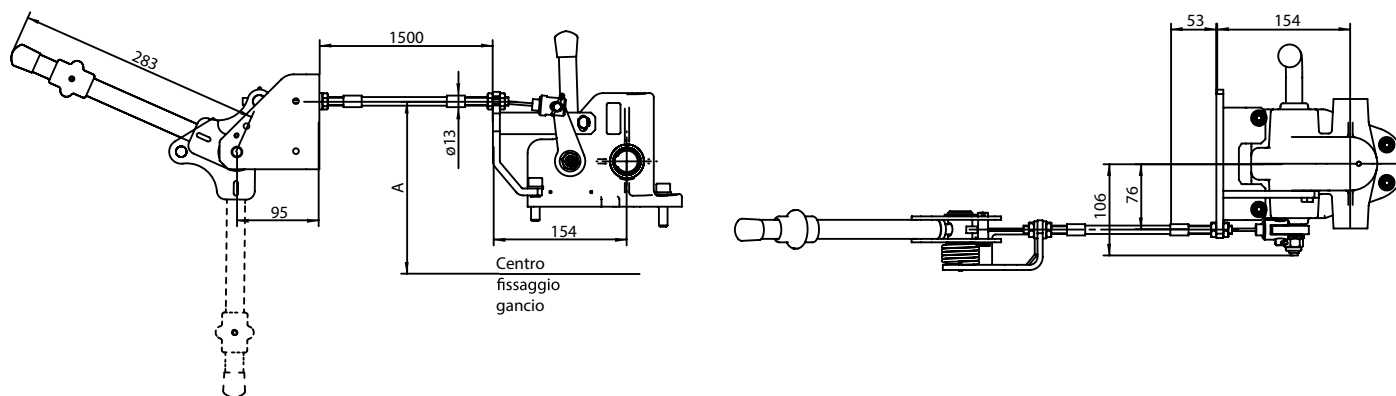
A2  
Versione - Version



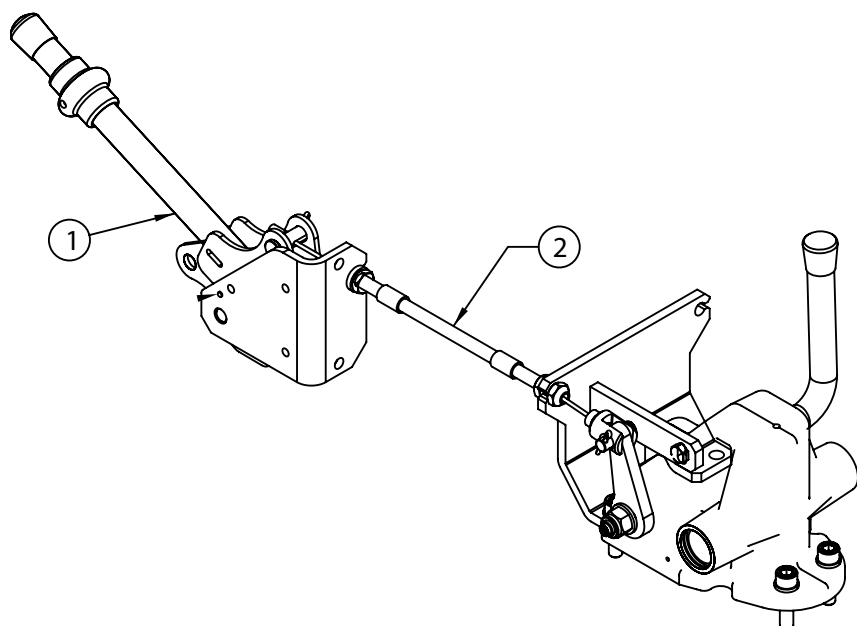
## Dati tecnici - Technical data

Codice - Part number	Applicabile ai ganci serie - Applicable to couplings series
CO04000	MV50

## Dimensioni principali - Main dimensions



## Ricambi - Spare parts



POS.	CO04000
1	RA00032
2	1577100

ATTENZIONE: È obbligatorio il segnalatore in cabina CO02605 (94/20/CE)  
ATTENTION: With the above versions is required in the cabin indicator CO02605 (94/20/CE)





# Kit CO01400

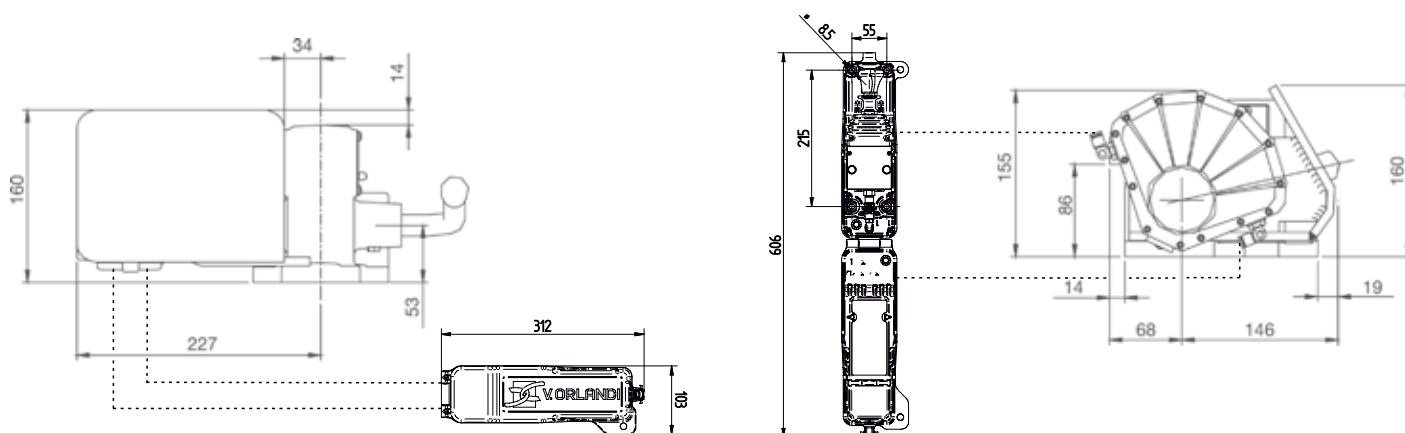
Apertura pneumatica a distanza "Kinetrol"  
Pneumatic remote opening "Kinetrol"



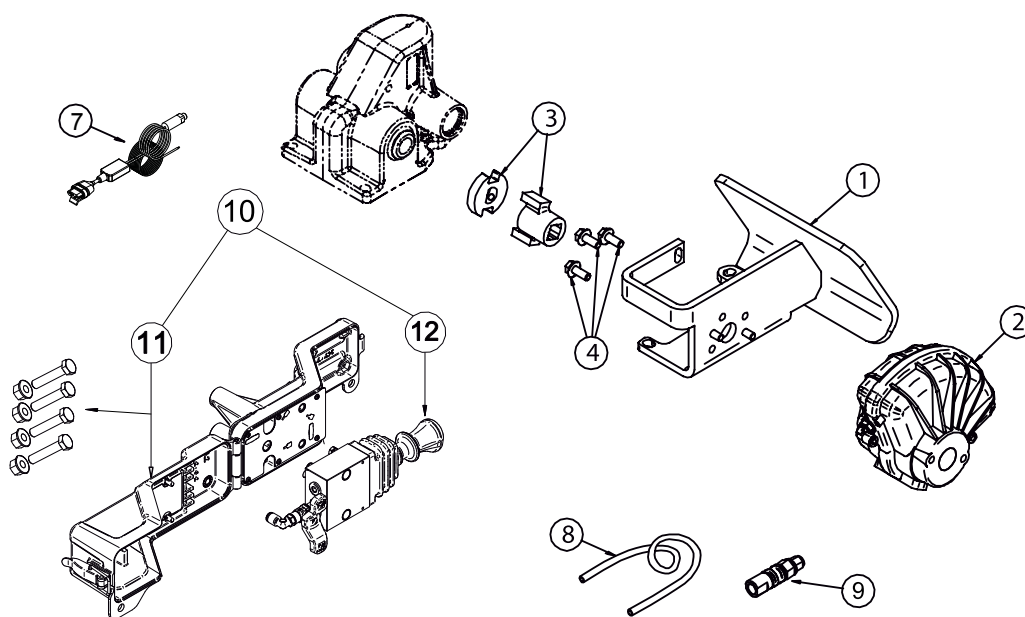
## Dati tecnici - Technical data

Codice - Part number	Applicabile ai ganci serie - Applicable to couplings series
CO01400	E50 - E525 - E40 - E520 - E550 - EH45 - EH50

## Dimensioni principali - Main dimensions



## Ricambi - Spare parts

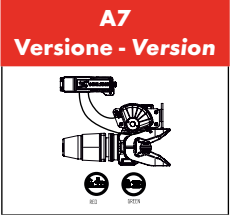


POS.	CO01400
1 LH	RG00253
1 RH	RG00279
2 - 4	RG00244
3	RG00543
7	RC00011
8	RG00251
9	RG00252
10	RG00664
11	RG00667
12	RG00666



# Kit CO01420

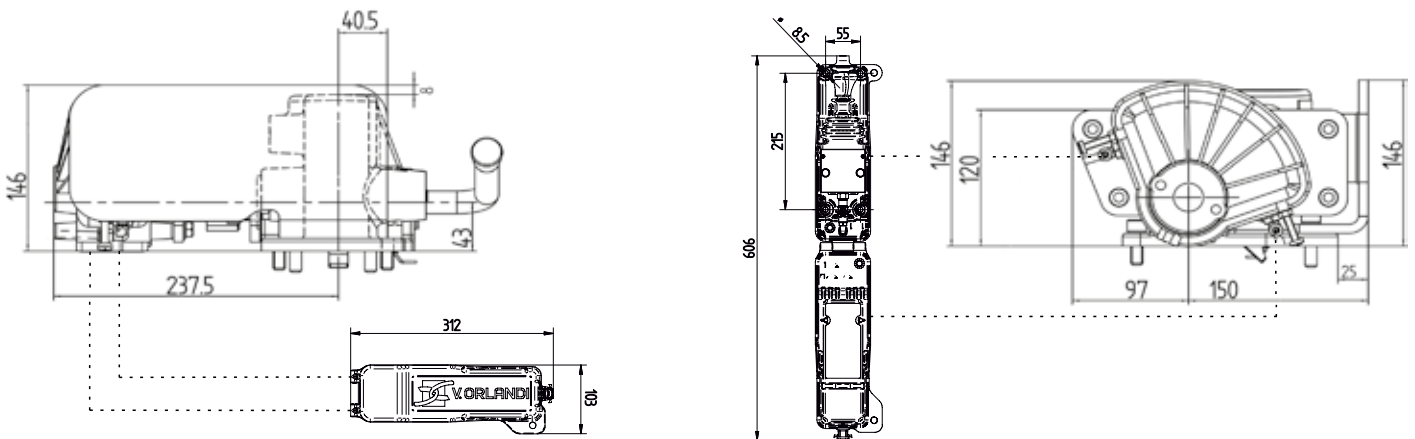
Apertura pneumatica a distanza "Kinetrol"  
Pneumatic remote opening "Kinetrol"



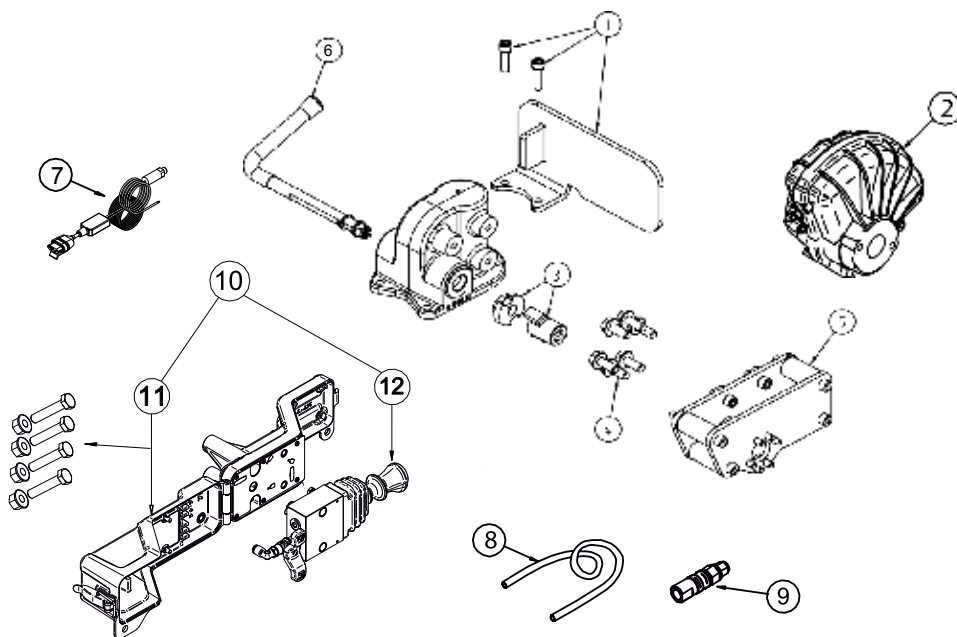
## Dati tecnici - Technical data

Codice - Part number	Applicabile ai ganci serie - Applicable to couplings series
CO01420	E57

## Dimensioni principali - Main dimensions



## Ricambi - Spare parts



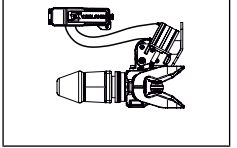
POS.	CO01420
1	RG00597
2 - 4	RG00247
3	RG00596
5	RG00595
6	RG00598
7	RC00011
8	RG00251
9	RG00252
10	RG00664
11	RG00667
12	RG00666



# Kit CO02110

Apertura pneumatica a distanza "Linear"  
Pneumatic remote opening "Linear"

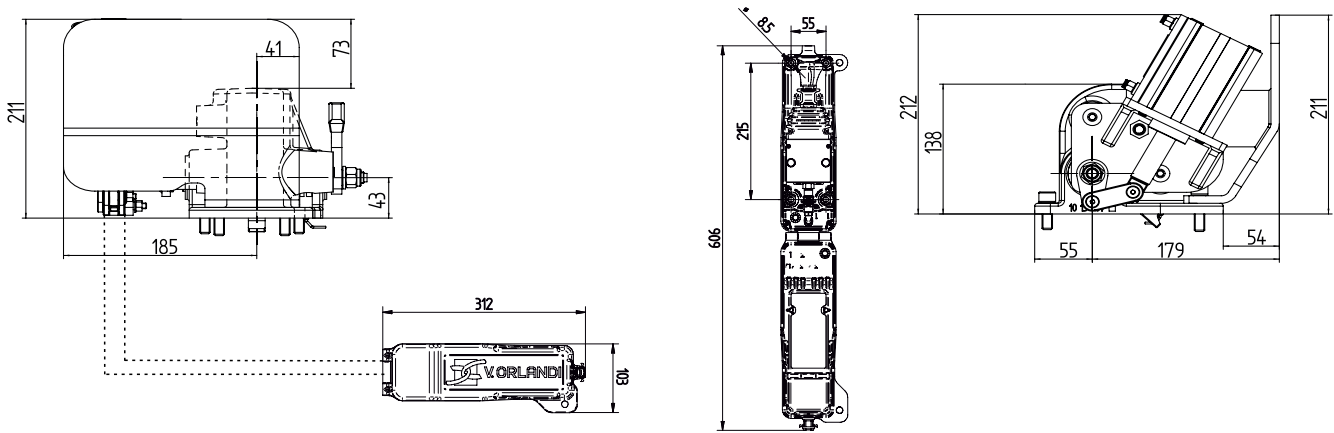
**A9**  
Versione - Version



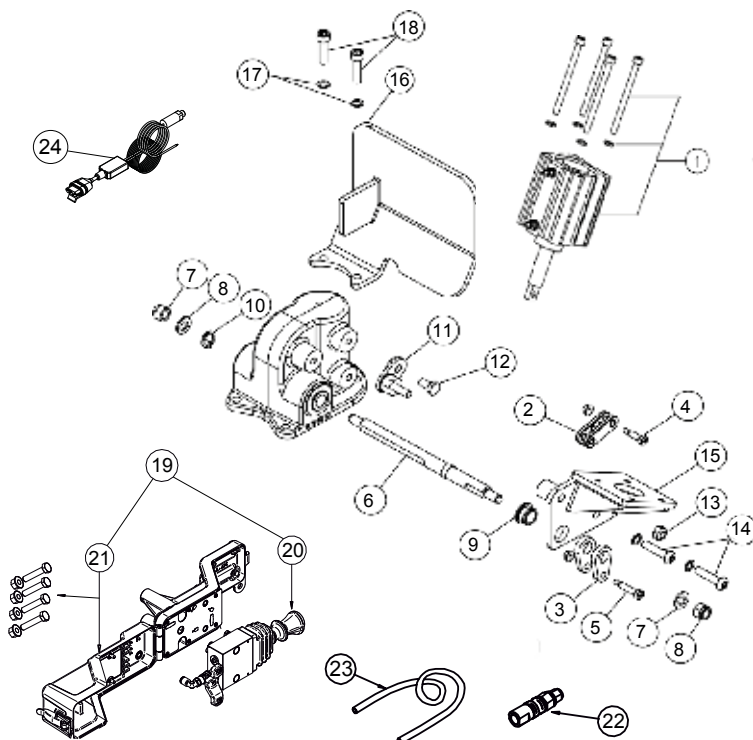
## Dati tecnici - Technical data

Codice - Part number	Applicabile ai ganci serie - Applicable to couplings series
CO02110	E57

## Dimensioni principali - Main dimensions



## Ricambi - Spare parts



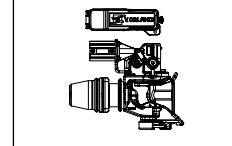
POS.	CO02110
1	RG00508
2, 3, 4, 5	RG00509
6, 7, 8, 9, 10	RG00627
11, 12, 13, 14, 15	RG00628
16, 17, 18	RG00629
19	RG00664
20	RG00666
21	RG00667
22	RG00252
23	RG00251
24	RC00011



# Kit CO02300

Apertura pneumatica a distanza "Linear"  
Pneumatic remote opening "Linear"

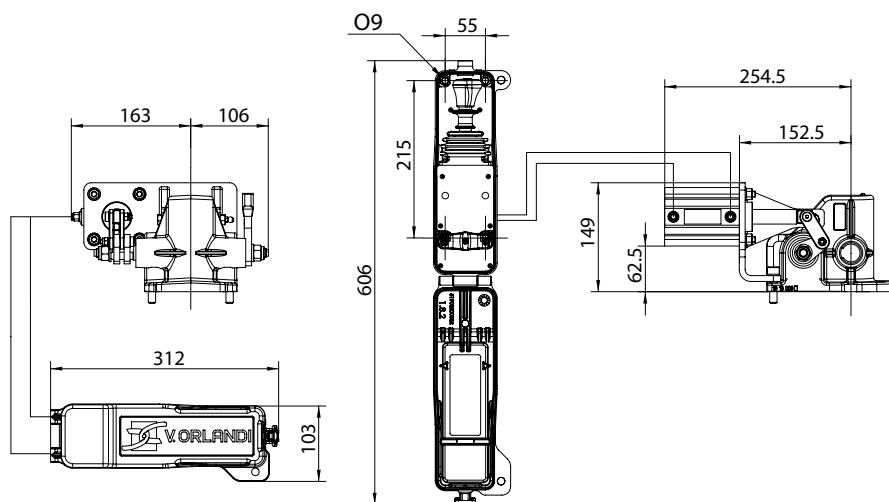
A8  
Versione - Version



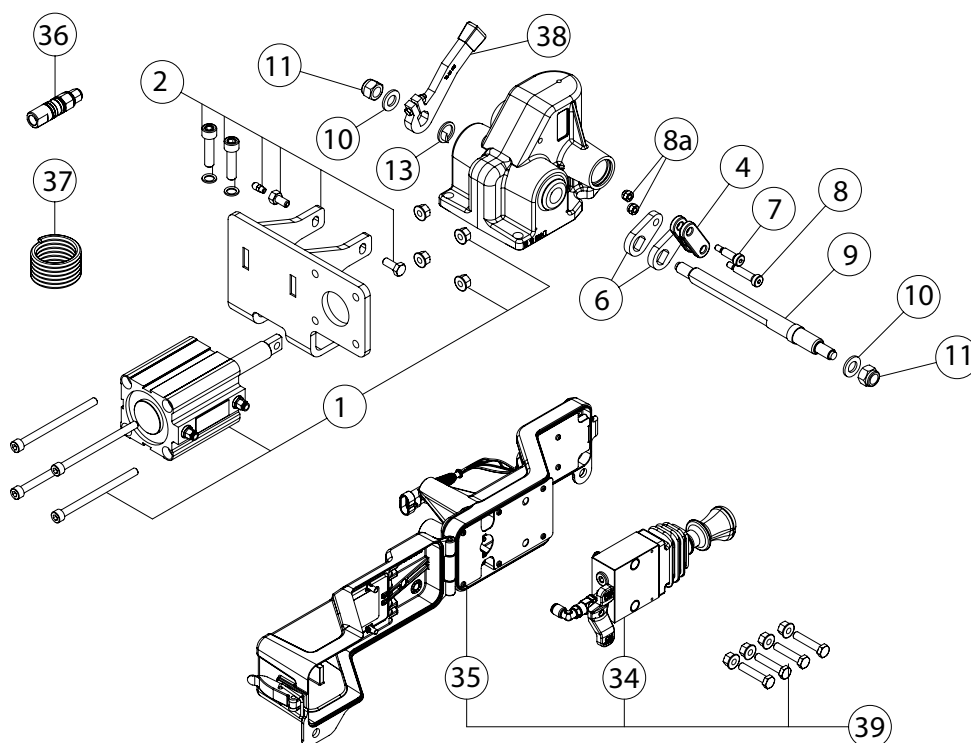
## Dati tecnici - Technical data

Codice - Part number	Applicabile ai ganci serie - Applicable to couplings series
CO02300	E50 - E525 - EH50 - E520 - E550 - EH45 - E551 - MV50

## Dimensioni principali - Main dimensions



## Ricambi - Spare parts



POS.	CO02300
1	RG00733
2	RG00734
4, 6, 7, 8, 8a	RG00509
9, 10, 11, 13	RG00735
34	RG00657
35	RG00658
36	RG00252
37	RG00251
38	RG00228
39	RG00654



# Kit CO02200

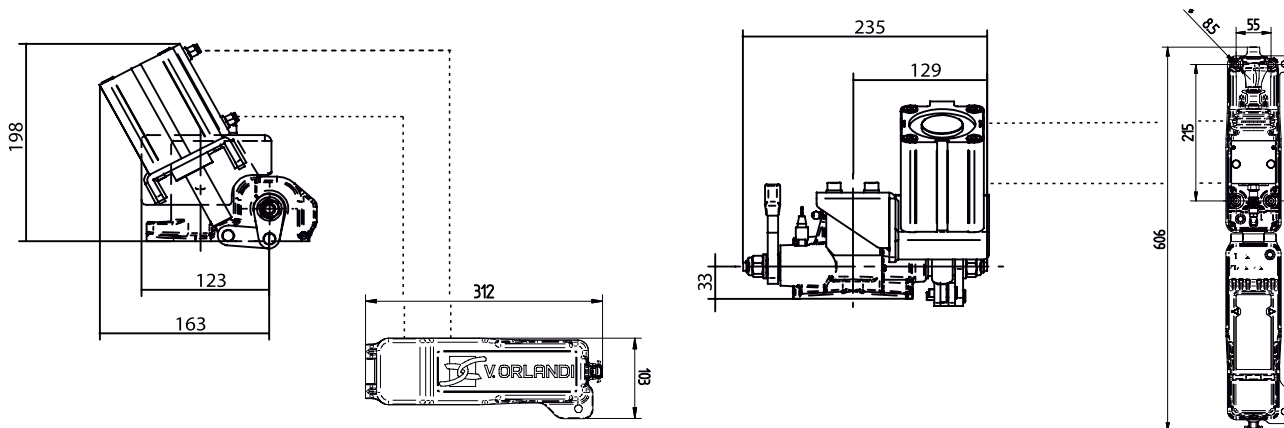
Apertura pneumatica a distanza "Linear"  
Pneumatic remote opening "Linear"



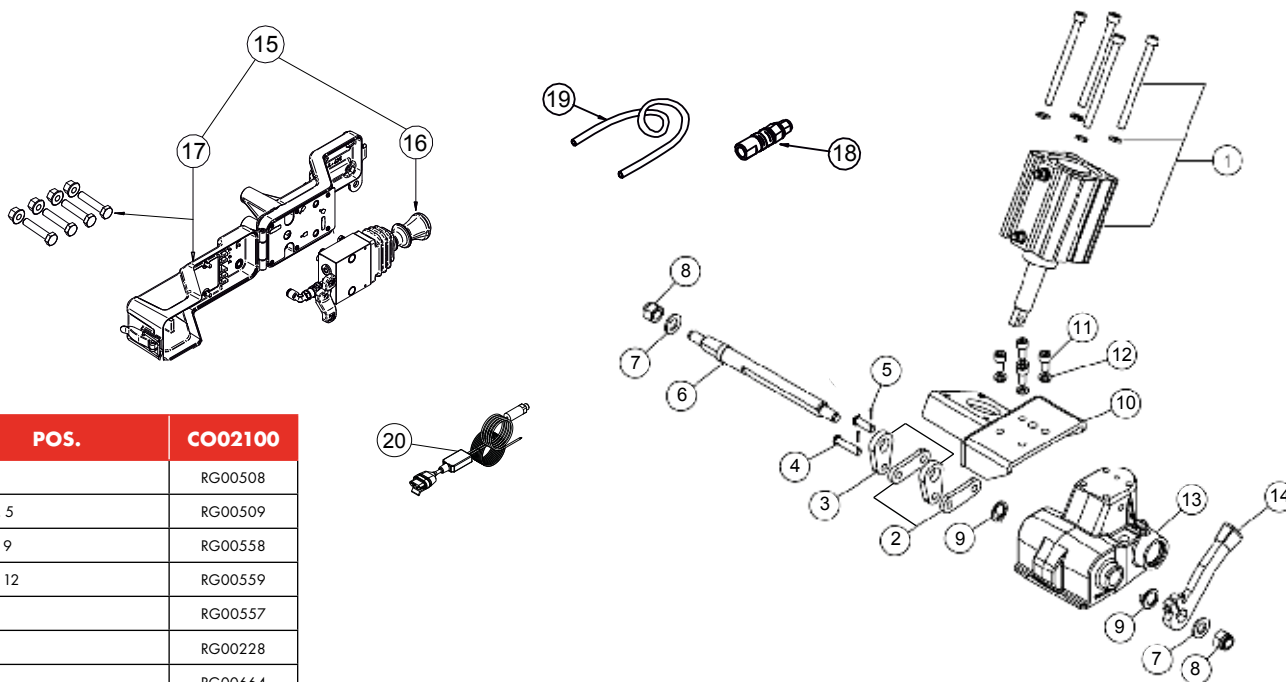
## Dati tecnici - Technical data

Codice - Part number	Applicabile ai ganci serie - Applicable to couplings series
CO02200	E40

## Dimensioni principali - Main dimensions



## Ricambi - Spare parts



POS.	CO02100
1	RG00508
2, 3, 4, 5	RG00509
6, 7, 8, 9	RG00558
10, 11, 12	RG00559
13	RG00557
14	RG00228
15	RG00664
16	RG00666
17	RG00667
18	RG00252
19	RG00251
20	RC00011



# Smart Kits CO016/26

Segnalatore apertura/chiusura in/fuori cabina  
In/out-cabin remote indicators

## Segnalazione apertura/chiusura + segnalazione limite sterzata In-cabin open-closed + jackknife remote indicators

Applicabile ai ganci serie - *Applicable to kit series* E40, E520, E550, E551, E525, E50

Codice - Article number CO02600

RC00001	RC00004	RC00002	RC00006	RC00003	RC00005	RC00012
 (Green)		 (Red)		 (Orange)		

## Segnalazione aggiuntiva apertura/chiusura + segnalazione limite sterzata Extra In-cabin open-closed + jackknife remote indicators

Applicabile ai ganci serie - *Applicable to kit series* E40, E520, E550, E551, E525, E50





Codice - Article number CO02607

RC00001	RC00015	RC00002	RC00006	RC00003	RC00005	RC00012
 (Green)		 (Red)		 (Orange)		

## Segnalazione apertura/chiusura - In-cabin open-closed remote indicator

Applicabile ai ganci serie - *Applicable to kit series* E40, E520, E550, E576, E551, EH524, E525, EH50





Codice - Article number CO01601

RC00001	RC00004	RC00002	RC00006
 (Green)		 (Red)	

## Segnalazione aggiuntiva apertura/chiusura - Extra In-cabin open-closed remote indicator

Applicabile ai ganci serie - *Applicable to kit series* E40, E520, E550, E576, E551, EH524, E525, EH50

Codice - Article number CO02601

RC00001	RC00015	RC00002	RC00006
 (Green)		 (Red)	







# Smart Kits CO016/26

Segnalatore apertura/chiusura in/fuori cabina  
In/out-cabin remote indicators

## Segnalazione limite sterzata in cabina - In-cabin anti jackknife remote indicator

Applicabile ai ganci serie - Applicable to kit series E40, E520, E550, E551, E50, E525

Codice - Article number CO02602




RC00003	RC00006	RC00005	RC00012
 (Orange)			

## Segnalazione apertura/chiusura - In-cabin open-closed remote indicator

Applicabile ai ganci serie - Applicable to kit series E40, E520, E550, E576, E551, EH524, E50, E525, EH50, EH45

Codice - Article number CO01603



Codice - Article number CO01606

RC00002	RC00009	RC00001	RC00004
 (Red)		 (Green)	

## Segnalazione apertura/chiusura esterno - Outside open-closed remote indicator

Applicabile ai ganci serie - Applicable to kit series E40, E520, E550, E576, E551, EH524, E50, E525, EH50, EH45

Codice - Article number CO02605

RC00013	RC00011
	





VORLANDI

MCX 50

638 LOCKED  
840 UNLOCKED

VORLANDI

DI TRAINING

SISTEMI








# Occhioni - Drawbar eyes

## INDICE - INDEX




	Tipo Type	Descrizione Description			Pag.
ø 40 mm		40W Occhioni a saldare Weld on drawbar eyes			60
		40W-H Occhioni a saldare Weld on drawbar eyes			60
		40R Occhioni sfilabili Bolt on drawbar eyes			60
		40F Occhioni flangiati Flanged drawbar eyes			60
ø 45 mm		45W Occhioni a saldare Weld on drawbar eyes			61
		45R Occhioni sfilabili Bolt on drawbar eyes			61
ø 50 mm		50W HERCULES VI HERCULES VII Occhioni a saldare Weld on drawbar eyes			62
		50R Occhioni sfilabili Bolt on drawbar eyes			63
		50F Occhioni flangiati Flanged drawbar eyes			64
		50FS2 Occhioni serrati Clamped drawbar eyes			64
ø 57,5 mm		57W Occhioni a saldare Weld on drawbar eyes			65
		57F Occhioni flangiati Flanged drawbar eyes			65
ø 70 mm		70W HERCULES VII Occhioni a saldare Weld on drawbar eyes			65


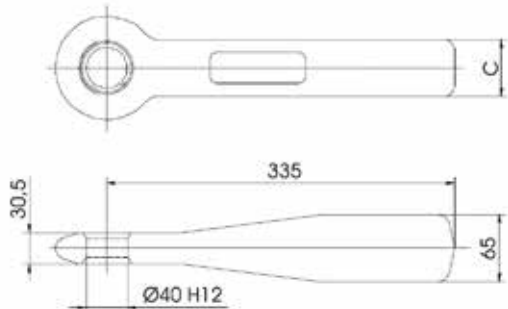
# Occhioni - Drawbar eyes


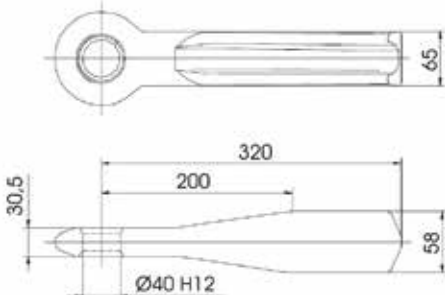
## INDICE - INDEX


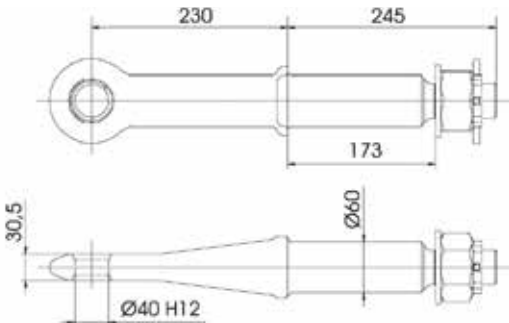
	Tipo Type	Descrizione Description			Pag.	
ø 45 mm	 45T	Occhioni sfilabili Bolt on drawbar eyes			66	
	ø 68 mm	 68R	Occhioni sfilabili BNA Bolt on drawbar eyes BNA			66
		 68F	Occhioni flangiati BNA Flanged drawbar eyes BNA			66
ø 76 mm	 76W	Occhioni a saldare Weld on drawbar eyes			67	
	 76R	Occhioni sfilabili Bolt on drawbar eyes			67	
	 76B	Barre traino Drawbar series			67	


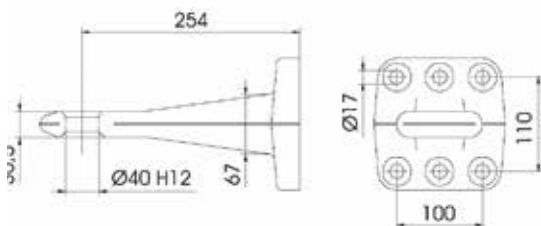
# Accessori - Accessories

	Tipo Type	Descrizione Description	Pag.
	PS	Piastre a saldare Weld in plates	68
	RO	Manicotti Weldable brackets	68
	RO	Ricambi Spare parts	69


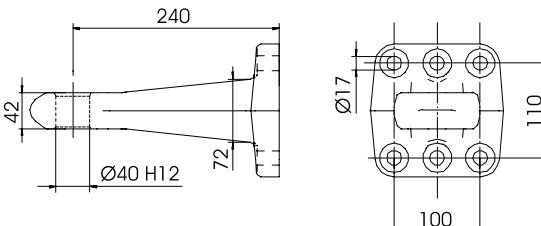
Occhioni a saldare Weld on drawbar eyes								
<b>DIN 74054</b>								
Codice Part number	Valore - Value				C mm	Peso Weight kg	Omologazione Homologation	
	D kN	Dc kN	S kg	V kN				
OC40W02	125	66	900	20	56	7,5	e1 00-0743	
OC40W04	125	74	1000	23	60	8,5	-	

Occhioni a saldare Weld on drawbar eyes								
<b>DIN 74054 - ECE R55-01</b>								
Codice Part number	Valore-D D-Value kN	Peso Weight kg						
OC40W05	125	5,5	E24 01-0253					

Occhioni sfilabili Bolt on drawbar eyes								
<b>DIN 74054 - 94/20/CE</b>								
Codice Part number	Valore - Value				Peso Weight kg	Omologazione Homologation		
	D kN	Dc kN	S kg	V kN				
OC40R02	125	74	1000	23	10,7	e1 00-0691		


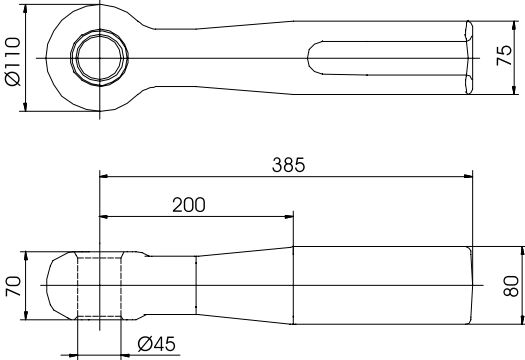
Occhioni flangiati Flanged drawbar eyes								
<b>DIN 74054 - 94/20/CE - ECE R55-01</b>								
Codice Part number	Valore - Value				Peso Weight kg	Omologazione Homologation		
	D kN	Dc kN	S kg	V kN				
OC40F60	125	100	1000	40	10	55R01 10068		


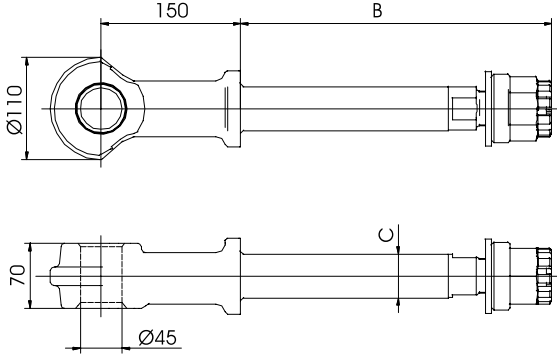
SCREWS INCLUDED


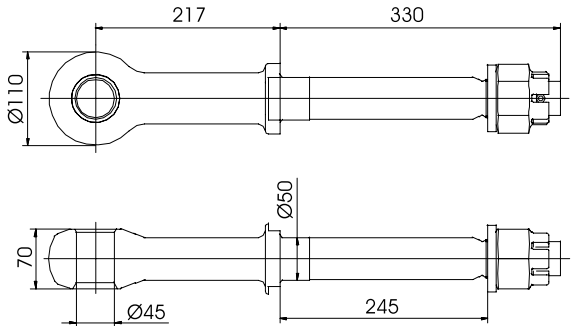
Occhioni flangiati Flanged drawbar eyes								
<b>DIN 11026 - 94/20/CE</b>								
Codice Part number	Valore - Value				Peso Weight kg	Omologazione Homologation		
	D kN	Dc kN	S kg	V kN				
OC40F61	130	120	2000	49	12,2	e1 000775		

# 45 mm

Occhioni - Drawbar eyes


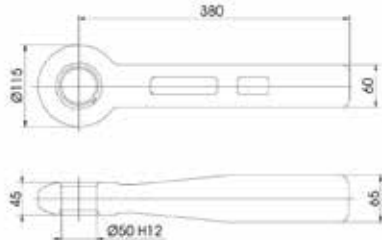
Occhioni a saldare Weld on drawbar eyes					
<b>CUNA 438/55</b>					
Codice Part number	Valore-D D-Value kN	Peso Weight kg	Omologazione Homologation		
OC45W05	315	15	CUNA 438/55		


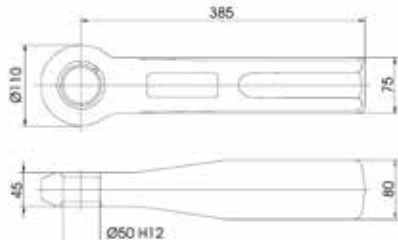
Occhioni sfilabili Removable drawbar eyes					
<b>CUNA 438/55</b>					
Codice Part number	B mm	C mm	Peso rimorchiabile Total trailer weight t	Peso Weight kg	Omologazione Homologation
OC45R01 BARTOLETTI	310	49	26 ÷ 42	10,7	48247 R5
OC45R02 CARDI	328	47	26 ÷ 42	10,2	48245 R5
OC45R03 PIACENZA	315	47	26 ÷ 42	9,5	48246 R5
OC45R04 VIBERTI	328	47	26 ÷ 42	10,6	48248 R5

Occhioni sfilabili Removable drawbar eyes					
<b>ECER55-01</b>					
Codice Part number	Valore-D D-Value kN	Peso Weight kg	Omologazione Homologation		
OC45R07	250	10,7	E3 01-3053		


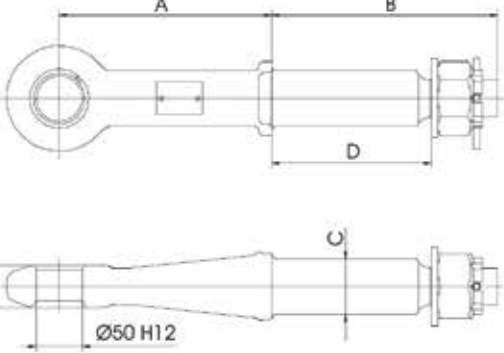
# 50 mm


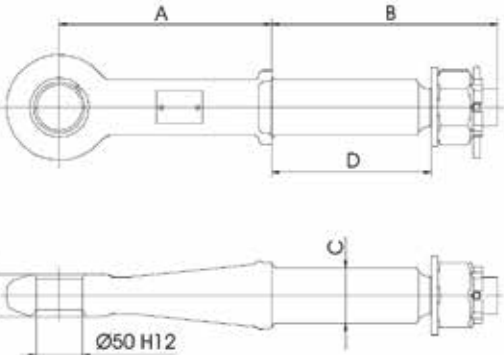
Occhioni - Drawbar eyes

Occhioni a saldare Weld on drawbar eyes								
<b>DIN 74054 - ECE R55-01</b>								
Codice Part number	Valore - Value				Peso Weight kg	Omologazione Homologation		
	D kN	Dc kN	S kg	V kN		ECE R55-01	CRN	
OC50W01 SPLIT BUSH	190	90	1000	30	11	E11 00-005	37469	
OC50WT1 SOLID BUSH								

Occhioni a saldare Weld on drawbar eyes "Heavy duty"								
<b>DIN 74054 - ECE R55-01</b>								
Codice Part number	Valore-D D-Value kN	Peso Weight kg	Omologazione Homologation					
			ECE R55-01	CRN				
OC50W05 SPLIT BUSH	314	12,5	E24 01-0187			37468		
OC50WT5 SOLID BUSH								

Occhioni a saldare Weld on drawbar eyes "Heavy duty"								
<b>ECE R55-01 - CRN</b>								
Codice Part number	B mm	E mm	Valore-D D-Value kN	Peso rimorchiabile Total trailer weight t	Peso Weight kg	Omologazione Homologation		
						ECE R55-01	CRN	
OC50W04	67	136	265	250	29,4	E32 07-0018	46332	


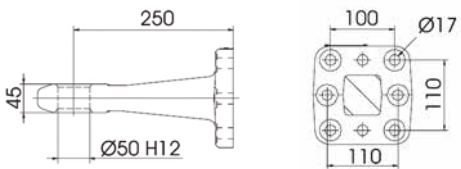
Occhioni sfilabili Bolt on drawbar eyes								
<b>CUNA 438/55</b>								
Codice Part number	A mm	B mm	C mm	Peso rimorchiabile Total trailer weight t	Peso Weight kg	Omologazione Homologation		
OC50R01 ADIGE	205	310	35/42	26 ÷ 42	9	46806 R5		
OC50R02 BARTOLETTI	217	310	49	26 ÷ 42	11,5	48251 R5		
OC50R03 CARDI	210	328	47	26 ÷ 42	10,9	48244 R5		
OC50R04 PIACENZA	212	315	47	26 ÷ 42	10	48250 R5		
OC50R05 VIBERTI	210	328	47	26 ÷ 42	11,2	48249 R5		

Occhioni sfilabili Bolt on drawbar eyes								
<b>DIN 74053-1 - ECE R55-01</b>								
Codice Part number	A mm	B mm	C mm	D mm	Valore-D D-Value kN	Peso Weight kg	Omologazione Homologation	
OC50R09	217	345	49	245	250	12	E3 01-3054	
OC50R10 SPLIT BUSH	230	245	60	173	250	12,5	E24 01-0018	
OC50RT1 SOLID BUSH								


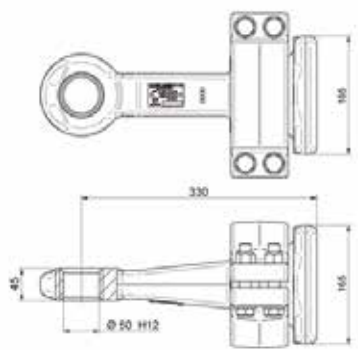


# 50 mm

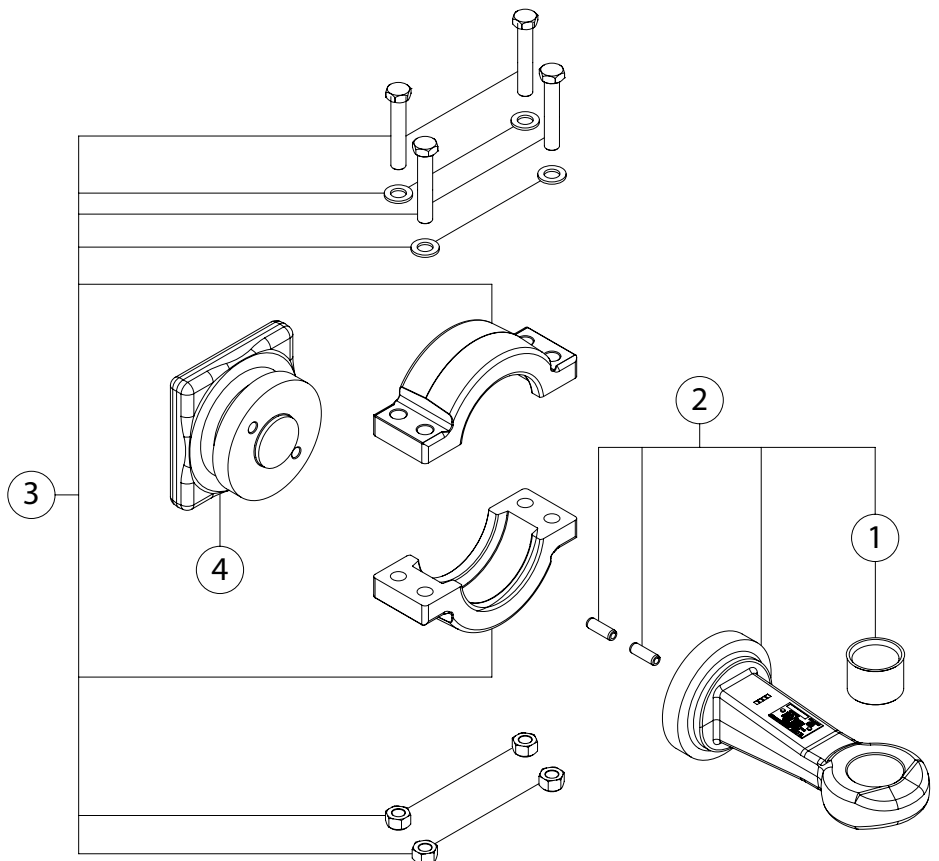
## Drawbar eyes

Flanged drawbar eyes		<p>OC51F8E</p>  <p>DISEGNO OC52F8E</p>				
<b>DIN 74053-1 - ECE R55-01</b>						
Codice Part number	Value				Weight kg	Homologation
	D kN	Dc kN	S kg	V kN		
OC51F8E	200	140	1000	75	11,2	E11 01-1153
			2500	50		
OC52F8E	200	135	1000	90	17	E1 01-2585
			2500	64,8		

VITI INCLUDE  
BOLT KIT INCLUDED


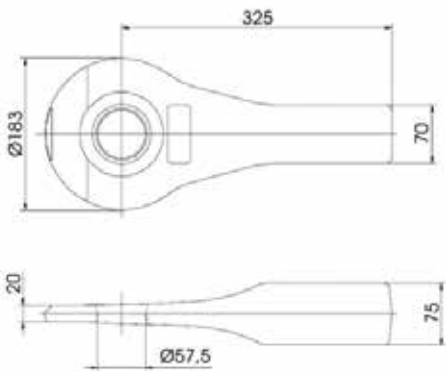
Clamped drawbar eyes								
<b>ECE R55-01</b>								
Codice Part number	D kN	Dc kN	S kg	V kN	A mm	B mm	Weight kg	Homologation
OC50FS2	330	135	1000	75	165	165	33	E11 01-1111
			2500	50				


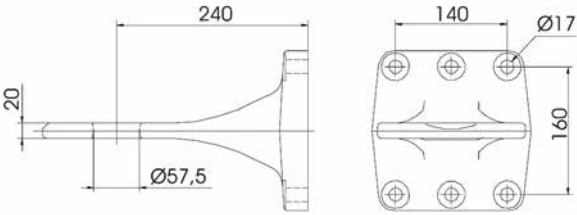
POS.	Article number
1	RO00016
2	RO00063
3	RO00064
4	RO00065



# 57,7 mm


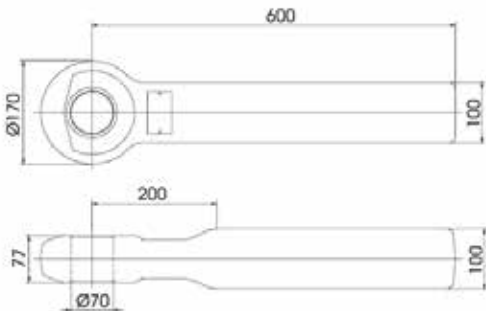
## Occhioni - Drawbar eyes

Occhioni a saldare Weld on drawbar eyes						
<b>SWEDISH STD - 55 550100-P.2 - 94/20/CE</b>						
Codice Part number	Valore - Value				Peso Weight kg	Omologazione Homologation
	D kN	Dc kN	S kg	V kN		
OC57W01	190	90	1000	30	13	e4 00-0959

Occhioni flangiati Flanged drawbar eyes						
<b>SWEDISH STD - 55 550100-P.2 - ECE R55-01</b>						
Codice Part number	Valore - Value				Peso Weight kg	Omologazione Homologation
	D kN	Dc kN	S kg	V kN		
OC57F60	190	130	1000	80	16	E11 01-10082
			2000	50		
OC57F61	300	145	1000	95	16	E11 01-10084
			3000	60		


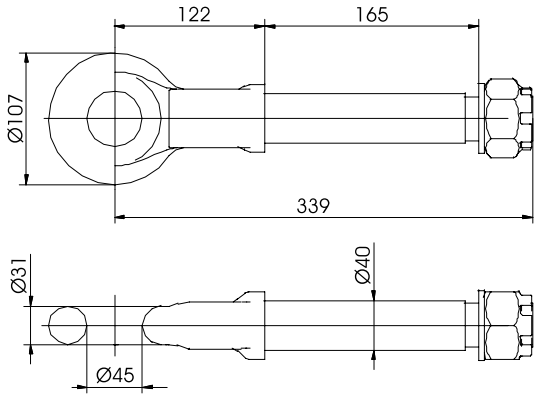
# 70 mm



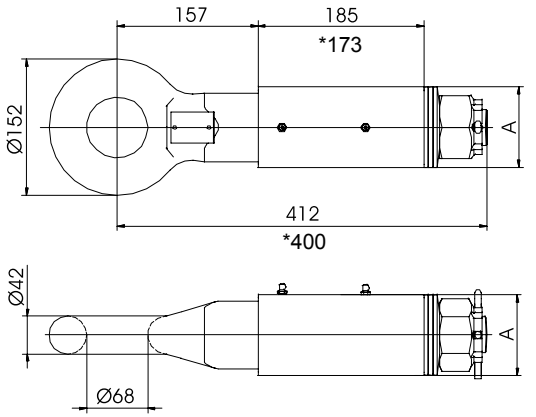
## Occhioni - Drawbar eyes



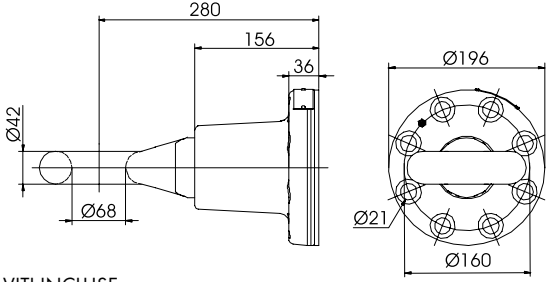
Occhioni a saldare Weld on drawbar eyes "Heavy duty"						
<b>ECE R55-01 - CRN</b>						
Codice Part number	Peso rimorchiabile Total trailer weight t	Valore-D D-Value kN	Peso Weight kg	Omologazione Homologation		
				ECE R55-01	CRN	
OC70W00	500	460	46,5	E32 07-0020	46899	

# 45T - 68T


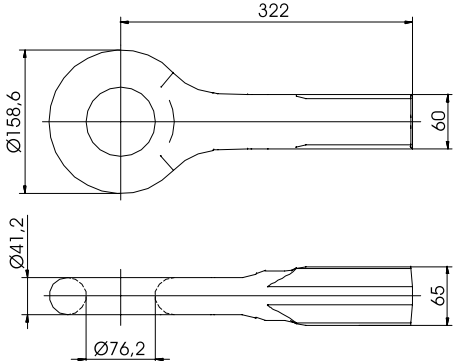
Occhioni - Drawbar eyes


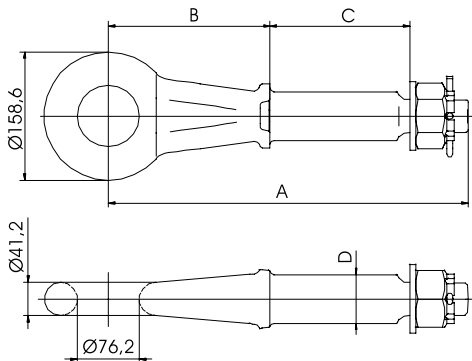
Occhioni sfilabili Bolt on drawbar eyes				
<b>CUNA 438/40</b>				
Codice Part number	Peso rimorchiabile Total trailer weight t	Peso Weight kg	Omologazione Homologation	
OC45T01	3,5	5	47799 R2	


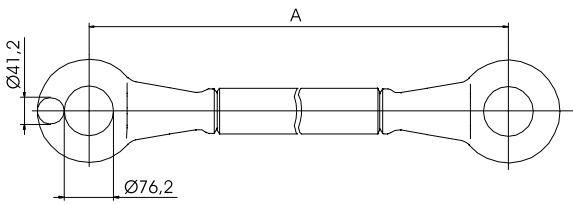
Occhioni sfilabili Removable drawbar eyes							
<b>ECE 55R-01 - BNA STANDARD</b>							
Codice Part number	A mm	Valore - Value				Peso Weight kg	Omologazione Homologation
		D kN	Dc kN	S kg	V kN		
OC68R05*	80	160	-	-	-	17,6	E11 55R-0110565
OC68R10	90	200	120	1000	60	21	E11 R55-019582
OC68R20	90	200	140	1000	90	23,5	E11 55R-019629
OC68R30	100 X 100	200	160	1000	140	25	E20 55R-013491

Occhioni flangiati Flanged drawbar eyes						
<b>ECE 55R-01 - BNA STANDARD</b>						
Codice Part number	Valore - Value				Peso Weight kg	Omologazione Homologation
	D kN	Dc kN	S kg	V kN		
OC68F8E	200	140	1000	90	21,5	E11 55R-018428

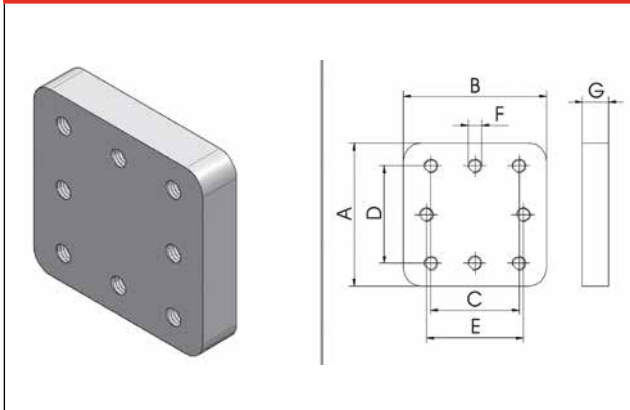
VITI INCLUSE  
BOLT KIT INCLUDED

Occhioni a saldare Weld on drawbar eyes					
<b>NATO STANDARD</b>					
Codice Part number	Valore D D-Value t			Peso Weight kg	
OC76W01	120			10,2	

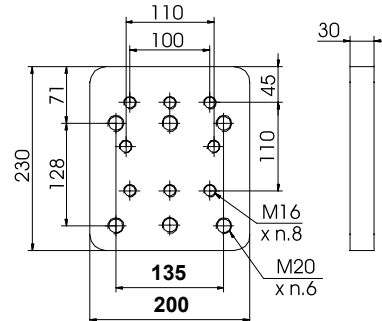
Occhioni sfilabili Bolt on drawbar eyes							
<b>NATO STANDARD</b>							
Codice Part number	A mm	B mm	C mm	D mm	Valore - Value		vPeso Weight kg
					D kN	S kg	
OC76R10	445	200	173	60	120	1000	13

Barre di traino Drawbar series					
<b>Dati tecnici - Technical data</b>					
Codice Part number	A mm	Peso rimorchiabile Total trailer weight t			Peso Weight kg
OC76B02	3400	26			52
OC76B06	1596	26			21
OC76B07	2000	26			36

## PIASTRE A SALDARE - WELD IN PLATES

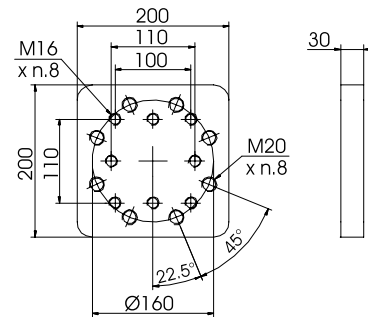


Codice Part number	A mm	B mm	C mm	D mm	E mm	F mm	G mm
PS00100	162	162	100	110	110	M16	30
PS00200	200	200					
PS00300	160	240					
PS00400	Vedi disegno - see drawing						
PS00500	190	200	130	130	130	M20	40
PS00600	210	210	140	160	-	M16	40
PS00700	Vedi disegno - see drawing						
PS00800	Vedi disegno - see drawing						
PS00900	Vedi disegno - see drawing						
PS01000	Vedi disegno - see drawing						



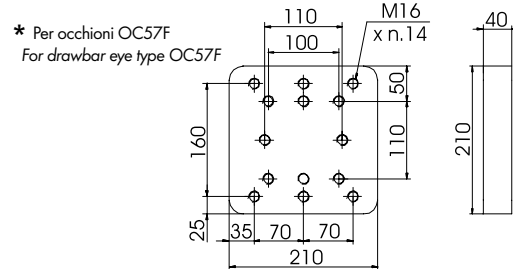
**PS004**

\* Speciale per trasporto vetture per occhielli flangiati standard e GS900  
Special type for car transport for standard flanged drawbar eyes and GS900  
Spezial version für Autotransporter für standard Flanschzugösen und GS900  
Version spéciale pour porte-voitures, pour anneaux à brides et GS900  
Специально для транспортировки автомобилей для стандартных фланцевых серег и GS900.



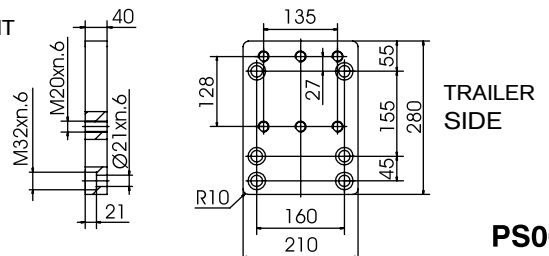
**PS007**

\* Per occhielli tipo OC68F8E      Для серег типа OC68F8E  
For Drawbar eye type OC68F8E  
Für Zugösen Typ OC68F8E  
Pour Anneau type OC68F8E

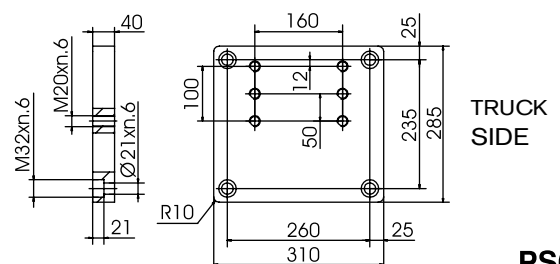


**PS008**

LOHR KIT

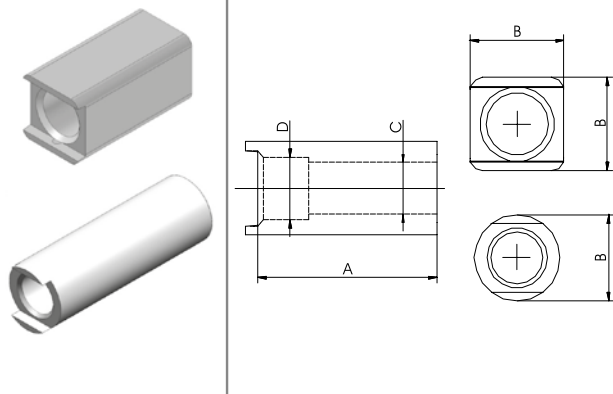


**PS009**

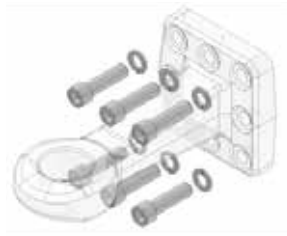
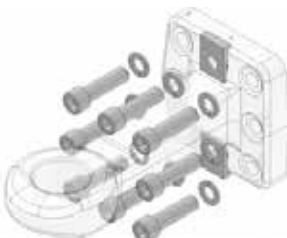


**PS010**



## MANICOTTI A SALDARE - WELD ON BRACKETS

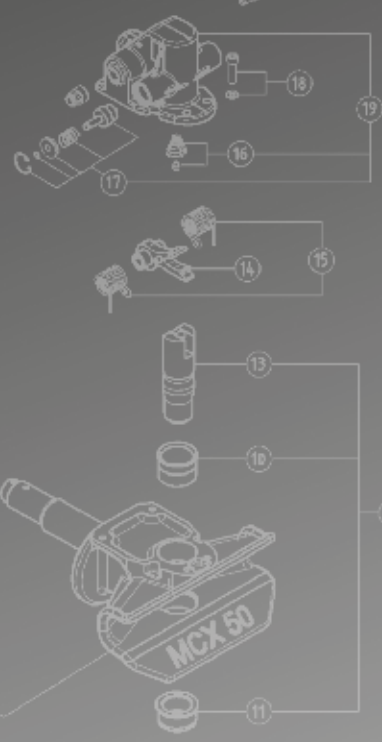
	Codice Part number	A mm	B mm	C mm	D mm	Per occhi tipo For drawbar eye type
	RO00036	245	80	49,2	50,2	50R09 - 45R07
RO00038	245	90x90	49,2	50,2	50R09 - 45R07	
RO00039	165	60	41	-	45T01	
RO00001	210	89	49	-	76T02	
RO00014	258	76	47,3	-	50R05 - 45R04	
RO00041	173	90x90	60	-	50R10 - 40R02 - 76R10	
RO00059	185	90x90	60	76	68R10	
RO00060	185	100x100	60	76	68R20	
RO00061		110x100			68R30	
RO00062		80x80			68R05	

## VITI - SCREWS

	Per occhi tipo For drawbar eye type	Codice kit Kit code
	OC40F60	RO00025
OC40F61		
OC50F60		
OC57F60 - OC57F61	RO00055	
OC50F8E	RO00026	
OC52F8E	RO00046	
OC68F8E	RO00058	
	OC51F8E	RO00035

## BUSSOLA - BUSH

	Per occhi tipo For drawbar eye type	Codice Part number
	OC40W - OC40R	RO00017
OC50R	RO00004	
OC50W01/02/05		
OC40F	RO00024	
OC45R	RO00003	
OC45W05		
OC45W00	RO00006	
OC50F8E - OC51F8E - OC52F8E	RO00016	
OC50R	RO000T4	
OC50W01/02/05		
OC50W03	RO00005	
OC50W04	RO00002	
OC70W00	RO00057	
	OC57	RO00054





# Traverse - Towbars

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# MY2014

**Traversa per veicoli IVECO Daily City Camion**  
**Towbar for IVECO Daily City Camion**

## Dati tecnici - Technical data

Codice Part number	Applicabile a Applicable to	Valore D D-Value kN	Valore S S-Value kg	Peso Weight kg	ECE R55-01	
					Classe Class	Omologazione Homologation
TS 400 8BZ	VAN 30 S - 35 S / WB 3000 -3520	18	200	25,1	F	55R-017533
TS 400 9HZ	VAN 40C-50C WB3520 +VAN 30S-35S PTT3,8 WB3000-3520	23,5	280	23,6	F	55R-017534
TS 4018 AZ	CARRI 30S - 35S	18	200	19,5	F	55R-017533
TS 401 8EZ	VAN 30S - 35S WB4100	18	200	21,5	F	55R-017533
TS 401 9AZ	CARRI 40C QUADTOR	23,5	280	20,9	F	55R-017534
TS 401 9LZ	CARRI 35C QUADLEAF/QUADTOR 40C QUADLEAF	23,5	280	22,3	F	55R-017534
TS 401 9BZ	CARRI 45C-50C	23,5	280	21,3	F	55R-017534
TS 401 9MZ	CARRI 60C - 70C	23,5	280	21,9	F	55R-017534
TS 401 9HZ	VAN 30S-35S WB3520-3520L VAN 30S-35S PTT 3.8	23,5	280	24,75	F	55R-017534
TS 401 9EZ	VAN 40C-50C WB3520L	23,5	280	28,15	F	55R-017534
TS 401 9NZ	VAN 60C-70C	23,5	280	29,6	F	55R-017534
TS 401 9GZ	VAN 40C-50C WB4100	23,5	280	28,45	F	55R-017534
TS 401 8CZ	VAN 35C WB3520L	18	200	22	F	55R-017533
TS 401 8DZ	VAN 35C WB4100	18	200	22	F	55R-017533
TS 400 8CZ	VAN 35C WB3520	18	200	24,5	F	55R-017533
TS 400 8AZ	CARRI 30S-35S + CAMPER 35S + CAMPER 35C	18	200	22	F	55R-017533
TS 401 9SZ	MINIBUS 40C-50C	23,5	280	29,6	F	55R-017534
TS 401 9OZ	MINIBUS 60C-70C	23,5	280	28,45	F	55R-017534
TS 401 9IZ	CARRI 30C-40CCON OPT. 06094 (semil + bales)	23,5	280	22,8	F	55R-017534

Gancio DE72 incluso  
 DE72 coupling included



# MY2014

**Traversa per veicoli IVECO Daily City Camion**  
**Towbar for IVECO Daily City Camion**

## Dati tecnici - Technical data

Codice Part number	Applicabile a Applicable to	Valore D D-Value kN	Valore S S-Value kg	Peso Weight kg	ECE R55-01	
					Classe Class	Omologazione Homologation
TM 400 8BZ	VAN 30S-35S WB3000-3520	18	200	28,5	F	55R-017533
TM 400 9HZ	VAN 40C-50C WB3520 +VAN 30S-35S PTT3,8 WB3000-3520	23,5	280	26,9	F	55R-017534
TM 401 8AZ	CARRI 30S - 35S	18	200	23,1	F	55R-017533
TM 401 8EZ	VAN 30S - 35S WB4100	18	200	25,1	F	55R-017533
TM 401 9AZ	CARRI 40C QUADTOR	23,5	280	24,5	F	55R-017534
TM 401 9LZ	CARRI 35C QUADLEAF/QUADTOR 40C QUADLEAF	23,5	280	25,4	F	55R-017534
TM 401 9IZ	CARRI 35C-40C CON OPT06094 (SEMIEL.+BALES)	23,5	280	25,9	F	55R-017534
TM 401 9BZ	CARRI 45C-50C	23,5	280	24,9	F	55R-017534
TM 401 9MZ	CARRI 60C - 70C	23,5	280	25,5	F	55R-017534
TM 401 9HZ	VAN 30S-35S WB3520-3520L VAN 30S-35S PTT 3.8	23,5	280	28,35	F	55R-017534
TM 401 9EZ	VAN 40C-50C WB3520L	23,5	280	31,75	F	55R-017534
TM 401 9NZ	VAN 60C-70C	23,5	280	33,2	F	55R-017534
TM 401 9GZ	VAN 40C-50C WB4100	23,5	280	32,05	F	55R-017534
TM 401 8CZ	VAN 35C WB3520L	18	200	25,6	F	55R-017533
TM 401 8DZ	VAN 35C WB4100	18	200	25,6	F	55R-017533
TM 400 8CZ	VAN 35C WB3520	18	200	27,8	F	55R-017533
TM 400 8AZ	CARRI 30S-35S + CAMPER 35S + CAMPER 35C	18	200	25,3	F	55R-017533
TM 401 9SZ	MINIBUS 40C-50C	23,5	280	29,6	F	55R-017534
TM 401 9OZ	MINIBUS 60C-70C	23,5	280	28,45	F	55R-017534

Gancio DE71 incluso  
 DE71 coupling included



# MY2014

**Traversa per veicoli IVECO Daily City Camion**  
**Towbar for IVECO Daily City Camion**

## Dati tecnici - Technical data

Codice Part number	Applicabile a Applicable to	Valore D D-Value kN	Valore S S-Value kg	Peso Weight kg	ECE R55-01	
					Classe Class	Omologazione Homologation
TU 400 8BZ	VAN 30S-35S WB3000-3520	18	200	25,1	F	55R-017533
TU 400 9HZ	VAN 40C-50C WB3520	23,5	280	23,6	F	55R-017534
TU 401 8AZ	CARRI 30S - 35S	18	200	23,1	F	55R-017533
TU 401 8EZ	VAN 30S - 35S WB4100	18	200	25,1	F	55R-017533
TU 401 9AZ	CARRI 40C QUADTOR	23,5	280	20,9	F	55R-017534
TU 401 9LZ	CARRI 35C QUADLEAF/QUADTOR 40C QUADLEAF	23,5	280	22,3	F	55R-017534
TU 401 9IZ	CARRI 35C-40C CON OPT06094 (SEMIEL.+BALES)	23,5	280	22,8	F	55R-017534
TU 401 9BZ	CARRI 45C-50C	23,5	280	21,3	F	55R-017534
TU 401 9MZ	CARRI 60C - 70C	23,5	280	21,9	F	55R-017534
TU 401 9HZ	VAN 30S-35S WB3520-3520L VAN 30S-35S PTT 3.8	23,5	280	24,75	F	55R-017534
TU 401 9EZ	VAN 40C-50C WB3520L	23,5	280	28,15	F	55R-017534
TU 401 9NZ	VAN 60C-70C	23,5	280	29,6	F	55R-017534
TU 401 9GZ	VAN 40C-50C WB4100	23,5	280	28,45	F	55R-017534
TU 401 8CZ	VAN 35C WB3520L	18	200	25,6	F	55R-017533
TU 401 8DZ	VAN 35C WB4100	18	200	25,6	F	55R-017533
TU 400 8CZ	VAN 35C WB3520	18	200	24,5	F	55R-017533
TU 400 8AZ	CARRI 30S-35S + CAMPER 35S + CAMPER 35C	18	200	22	F	55R-017533

Gancio UN45 incluso  
 UN45 coupling included



# MY2014

**Traversa per veicoli IVECO Daily City Camion**  
**Towbar for IVECO Daily City Camion**

## Dati tecnici - Technical data

Codice Part number	Applicabile a Applicable to	Valore D D-Value kN	Valore S S-Value kg	Peso Weight kg	ECE R55-01	
					Classe Class	Omologazione Homologation
TA 401 9AZ	CARRI 30S-35S WB3000	23,5	280	22	F	55R-017534
TA 201 9AZ	CARRI 29L-35S	23,5	280	28	F	55R-017534
TA 410 9BZ	CARRI 35C-40C	23,5	280	25,6	F	55R-017534
TA 410 9CZ	CARRI 35C-40C OPT06094 CARRI 45C-50C	23,5	280	26,4	F	55R-017534
TA 410 9DZ	CARRI 60C - 70C	23,5	280	26,9	F	55R-017534

**Gancio GA38 incluso**  
**GA38 coupling included**



# S2000

## Traversa per veicoli IVECO Daily City Camion Towbar for IVECO Daily City Camion

### TRAVERSE DI TRAINO - TOW BARS

Per equipaggiare un veicolo con le traverse, non bisogna ne modificare ne smontare la pedana posteriore. I kit sono stati concepiti in maniera modulare, il montaggio sui tipi diversi di veicoli è garantito dal posizionamento delle staffe laterali. I kit comprendono: • un corpo centrale • 2 flange laterali • viteria completa per il fissaggio

For vehicle equipment with tow bars, removal or alteration of the black footboard is not required. The kits have been modular design-engineered so that kit assembly onto the various types of vehicles is guaranteed by simply setting the position of the side bracket flasks. The kits contain: • one central body unit (tow bar) • 2 side flanges • complete set of screws needed for assembly

TRAVERSE TOW BAR	DAILY 29L-35C		DAILY 40C-50C		DAILY 60C-70C
	passo 3000 • sbalzo 840 pitch 3000 • overhang 840	Tutte le altre versioni All further versions	passo 3000 • sbalzo 840 pitch 3000 • overhang 840	Tutte le altre versioni All further versions	Tutte le versioni All versions
Furgoni Vans	Ti20083	Ti20083	Ti20094	Ti20094	Ti20095
Camion Trucks	Ti20082	Ti20082	Ti20093	Ti20093	Ti20093

RINFORZI STIFFENERS	DAILY 29L-35S		DAILY 35C-50C		DAILY 60C-70C
	passo 3000 sbalzo 840 pitch 3000 overhang 840	Tutte le altre versioni All further versions	passo 3000 sbalzo 840 pitch 3000 overhang 840	Tutte le altre versioni All further versions	Tutte le versioni All versions
IVECO	TO00132	TO00134	TO00133	TO00135	
Per i veicoli non equipaggiati di serie con rinforzi Iveco utilizzare i rinforzi Orlandi.  For vehicles that are not built in-series with Iveco stiffener elements, use the Orlandi stiffeners.					

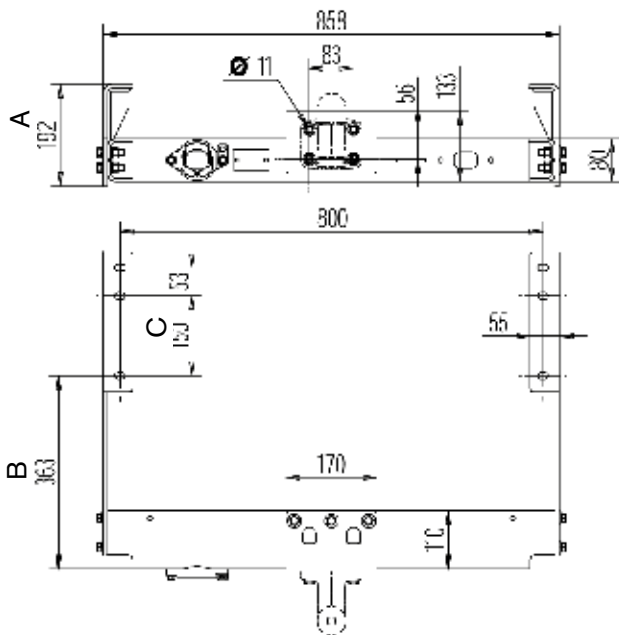
Nota: per tutti i veicoli Daily S2000, equipaggiati con traverse di traino, devono essere montati obbligatoriamente i rinforzi del telaio.  
Note: for all Daily S2000 vehicles fitted with tow bars, assembly of frame stiffener elements is strictly mandatory.

### Dati tecnici - Technical data

Codice Part number	Valore D D-Value kN	Valore S S-Value kg	Peso Weight kg	Omologazione - Homologation			
				Classe Class	94/20/CE	Classe Class	ECE R55-01
Ti20082	23	280	23,3	F	E11 00-7534	F	E11 01-7534
Ti20083	23	280	24,3	F	E11 00-7534	F	E11 01-7534
Ti20093	23	280	24,6	F	E11 00-7534	F	E11 01-7534
Ti20094	23	280	22,5	F	E11 00-7534	F	E11 01-7534
Ti21095	23	280	23,3	F	E11 00-7534	F	E11 01-7534

# S2000

Traversa per veicoli IVECO Daily City Camion  
Towbar for IVECO Daily City Camion



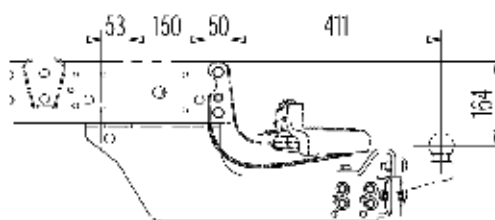
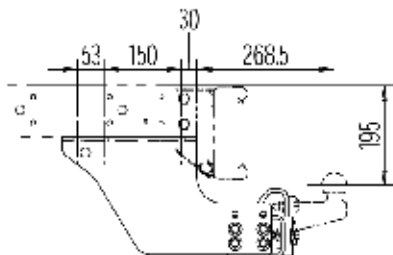
Codice Part number	A mm	B mm	C mm
TI20082	206	200,5	150
TI20083	183	363	150
TI20093*	228,5	237,5	150
TI20094	224,5	349,5	100/80
TI21095	264	369,5	100

\* Applicabile anche ai veicoli: IVECO DAILY MODEL YEARS '98

\* Applicable also to vehicles: IVECO DAILY YEARS '98

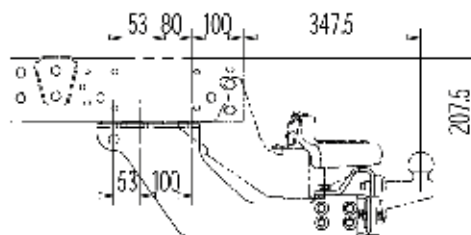
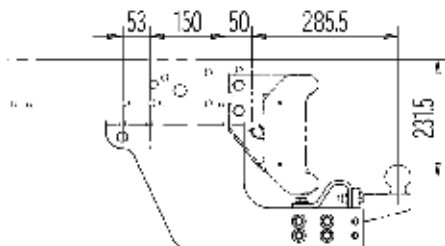
**TI20082**

**TI20083**

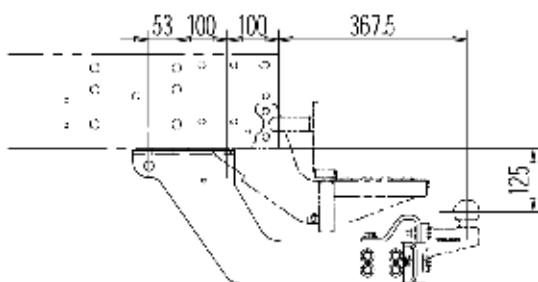


**TI20093**

**TI20094**



**TI20095**





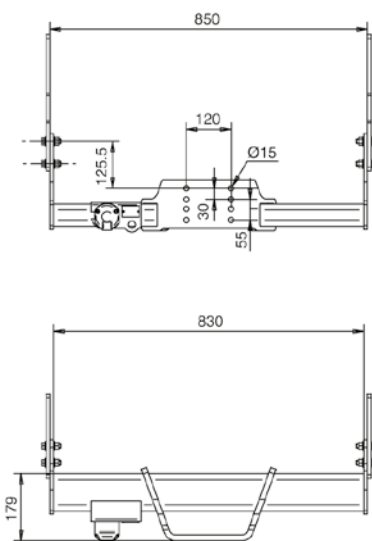
# TE3000

Traversa di traino per IVECO Eurocargo  
Trailer towbar for IVECO Eurocargo

Omologazione Homologation	94/20/CE
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## Dati tecnici - Technical data

Tipo Type	Tipo veicolo Vehicle	Codice Part number	Valore D D-Value kN	Valore S S-Value kg	Peso Weight kg	Omologazione - Homologation	
						Classe Class	94/20/CE
TE3000-T1	IVECO Eurocargo N75-N100-N110 paraincastro tubolare IVECO Eurocargo N75-N100-N110 tubular protection bar	TO00710	28	330	33,5	F	e3 00-1542
TE3000-B1	IVECO Eurocargo N75-N100 paraincastro lama IVECO Eurocargo N75-N100 flat protection bar	TO00720	28	330	36	F	e3 00-1542
TE3000-B2	IVECO Eurocargo N75-N100-N110 paraincastro lama optional 6153 (con traversa posteriore) IVECO Eurocargo N75-N100-N110 tubular protection bar optional 6153 (with rear towbar)	TO00730	28	330	36,5	F	e3 00-1542
TE3000-B3	IVECO Eurocargo N100-N110 paraincastro lama con traversa per biga IVECO Eurocargo N100-N110 flat protection bar with towbar for central axle trailers	TO00740	28	330	35	F	e3 00-1542
TE3000-T1 EURO 4	IVECO Eurocargo 80-90-100 paraincastro tubolare EURO 4 IVECO Eurocargo 80-90-100 tubular trailer EURO 4	TO00750	28	330	33,5	F	e3 00-1542
TE3000-B1 EURO 4	IVECO Eurocargo 80-90-100 paraincastro lama EURO 4 IVECO Eurocargo 80-90-100 blade trailer bar EURO 4	TO00760	28	330	36	F	e3 00-1542



TE3000-T1	TE3000-B1	TE3000-B2
TE3000-B3	TE3000-T1 EURO 4	TE3000-B1 EURO 4

Gancio applicabile: Serie DEDALO, ULPYO, Serie GA38 con flangiatura 120x55  
Applicable coupling: Serie DEDALO, ULPYO, Serie GA38 with hole-pattern 120x55





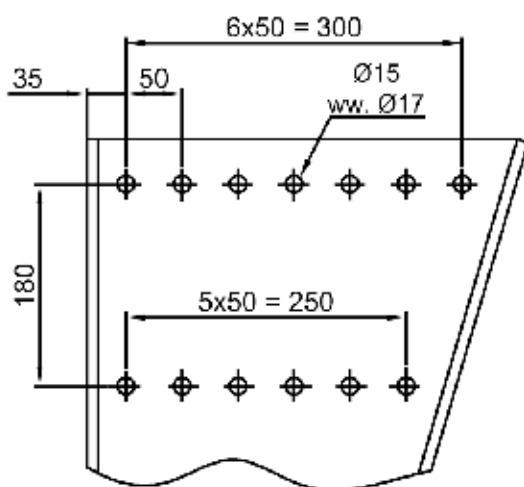
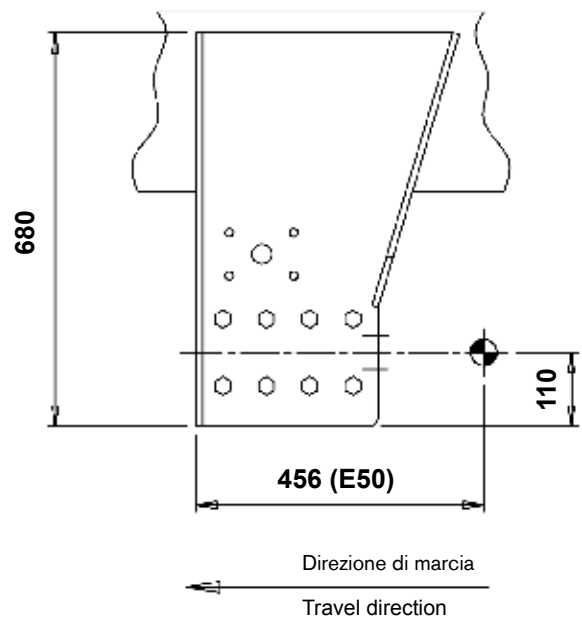
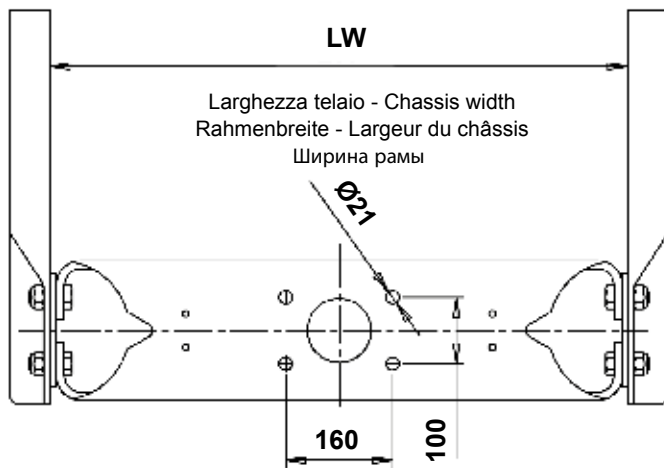
# WPTR

**Traversa per motrice con gancio ribassato**  
**Towbar rack for vehicles featuring an underslung drawbar coupling**

Omologazione Homologation	94/20/CE
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## Dati tecnici - Technical data

Codice Part number	Valore D D-Value kN	Valore Dc Dc-Value kN	Valore S S-Value kg	Valore V V-Value kN	Omologazione Homologation
WPT	190	130	1000	75	94/20/CE



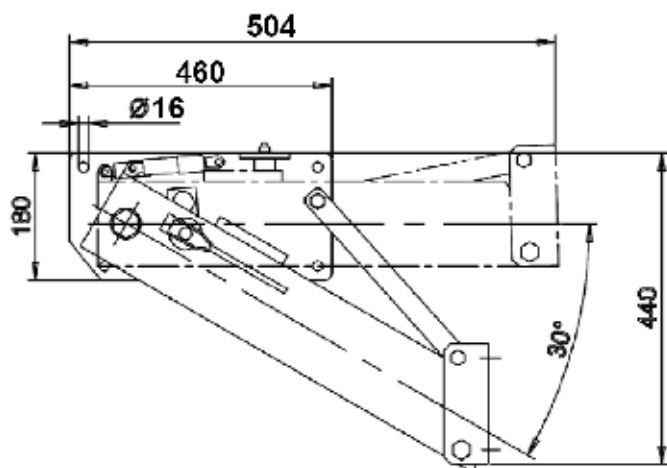
Codice Part number	LW (mm)	Adatta per veicolo tipo Suitable for vehicles type
WPTR101	770	IVECO / SCANIA
WPTRV01	850	VOLVO / RENAULT MERCEDES ACTORS
WPTRR01	802	RENAULT
WPTRM01	762	MAN
WPTRDC1	758	MERCEDES
WPTRD01	790	DAF



# WPTP

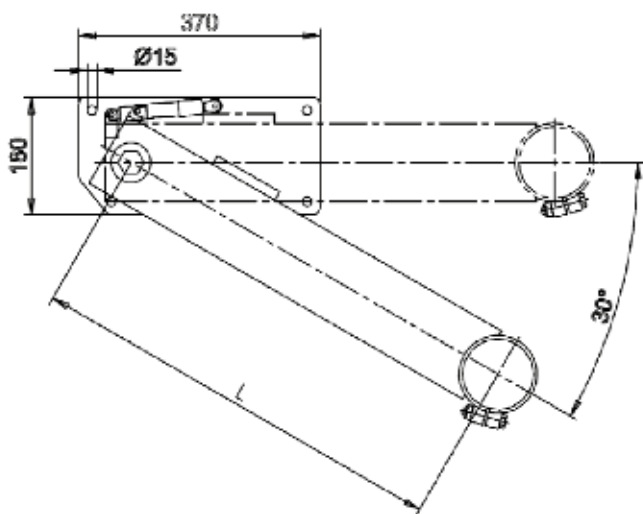
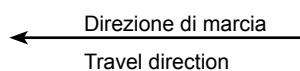
**Paraincastro posteriore ribaltabile**  
**Tilting rear underrun bar**

Omologazione Homologation	70/121/CE 2006/20/CE
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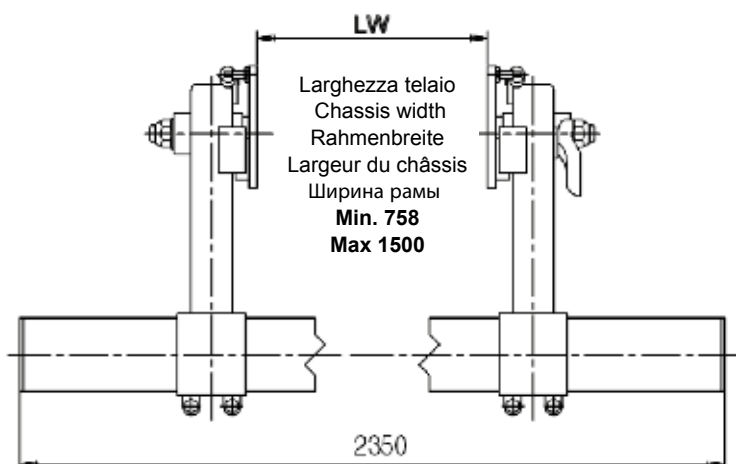
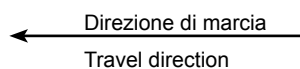
## Cod. WPTP001

Esecuzione parallelogramma  
*Parallelogram option*





## Cod. WPTP101

Esecuzione tubolare  
*Tubular option*



## Fuori produzione - Out of production

Serie Series	Descrizione Description	Fuori produzione dal Out of production from
<p>TITANO/NEW TITANO</p> 	<p>Gancio per traini eccezionali Trailer coupling for heavy weight transport</p>	<p>2011 2013</p>
<p>GX57</p> 	<p>Ganci di traino automatici rigidi Automatic drawbar couplings</p>	<p>2013</p>
<p>MCX50</p> 	<p>Ganci di traino automatici rigidi Automatic drawbar couplings</p>	<p>2011</p>
<p>E506/E509</p> 	<p>Ganci di traino automatici rigidi Automatic drawbar couplings</p>	<p>2015</p>
<p>UN76</p> 	<p>Ganci ad uncino Pintle hooks</p>	<p>2015</p>
<p>KITS GX57</p> 	<p>Apertura pneumatica Pneumatic remote opening</p>	<p>2015</p>

**Valore D:** è definito come il carico teorico di riferimento per la determinazione della forza teorica orizzontale dinamica che il veicolo trainante ed il rimorchio si scambiano;

**Valore Dc:** è definito come il carico teorico di riferimento per la determinazione della forza teorica orizzontale dinamica che il veicolo trainante ed il rimorchio ad asse rigido centrale si scambiano;

**Valore V:** è definito come il carico teorico di riferimento per la determinazione della forza teorica verticale dinamica che il veicolo trainante ed il rimorchio ad asse rigido centrale con massa maggiore di 3.5 ton si scambiano;

**Valore S:** è il carico verticale statico che il rimorchio ad asse centrale trasmette al gancio in condizioni statiche;

**Valore U:** è il carico verticale trasmesso dal semirimorchio alla ralla.

## 1 - Ganci di traino ed occhioni

### 1.1 - Rimorchi tradizionali

Fig. 1



In questo caso il parametro tecnico caratteristico è il seguente:

$$D = g \times \frac{T \times R}{T + R}$$

dove:

**g** = accelerazione di gravità che si assume pari a  $9.81 \text{ m/s}^2$ ;

**T** = rappresenta la massa massima tecnicamente ammissibile, espressa in ton del veicolo trainante;

**R** = rappresenta la massa massima tecnicamente ammissibile del rimorchio espressa in ton.

#### Esempi di calcolo

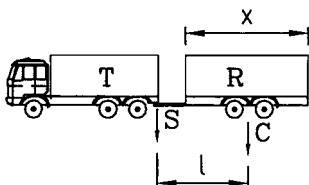
a) **T** = 18 ton; **R** = 26 ton       $D = \frac{9.81 \times (18 \times 26)}{18 + 26} = 104.3 \text{ kN}$

b) **T** = 14 ton; **R** = 42 ton       $D = \frac{9.81 \times (14 \times 42)}{14 + 42} = 103.1 \text{ kN}$

c) **T** = 30 ton; **R** = 50 ton       $D = \frac{9.81 \times (30 \times 50)}{30 + 50} = 183.9 \text{ kN}$

### 1.2 - Rimorchi ad asse rigido centrale

Fig. 2



In questo caso i parametri tecnici caratteristici sono i seguenti:

$$Dc = g \times \frac{T \times C}{T + C}$$

dove:

**T** = rappresenta la massa massima tecnicamente ammissibile, espressa in ton del veicolo trainante comprendente il carico verticale statico che viene trasmesso al gancio dall'occhione;

**C** = rappresenta la somma, espressa in ton, dei carichi assiali massimi che il rimorchio trasmette al terreno.

$$V = a \times \frac{X^2}{l} \times C$$

dove:

**x** = lunghezza dell'area caricabile espressa in metri;

**l** = distanza tra il centro dell'occhione del timone ed il centro dell'assieme di assi del rimorchio espressa in metri;

**V** = è il carico verticale dinamico espresso in kN;

**C** = rappresenta la somma, espressa in ton, dei carichi assiali massimi che il rimorchio trasmette al terreno;

**a** =  $1,8 \frac{\text{m}}{\text{s}^2}$  per veicoli dotati di sospensioni pneumatiche o assimilabili a queste;

**a** =  $2,4 \frac{\text{m}}{\text{s}^2}$  per veicoli con altro tipo di sospensione.

$$S = R - C$$

**R** = rappresenta la massa massima tecnicamente ammissibile del rimorchio espressa in ton.

#### Esempio di calcolo

Veicolo trainante isolato con massa = 20 ton e sospensioni pneumatiche.

Rimorchio ad asse rigido centrale con:

**R** = 20 ton    **C** = 19 ton    **S** = 1 ton    **X** = 7.2 m    **L** = 6 m

Per il calcolo del valore Dc si dovrà considerare la massa della motrice pari a:

$$T = 20 + S = 20 + 1 = 21 \text{ ton}$$

e quindi

$$Dc = \frac{9.81 \times (21 \times 19)}{21 + 19} = 98 \text{ kN} \quad V = 1.8 \times \left(\frac{7.2}{6}\right)^2 \times 19 = 49.2 \text{ kN}$$

## Technical parameters of towing systems

**D-value:** Theoretical load for the determination of the theoretical horizontal dynamic force between towing vehicle and steering axle trailer;

**Dc-value:** Theoretical load for the determination of the theoretical horizontal dynamic force between towing vehicle and central axle trailer;

**V-value:** Theoretical load for the determination of the theoretical vertical dynamic force between towing vehicle and central axle trailer of more than 3,5 tons weight;

**S-value:** Static vertical load transmitted to the coupling by central axle trailer in static conditions;

**U-value:** Vertical load transmitted to the fifth wheel by the semitrailer.

### 1 - Trailer couplings and drawbar eyes

#### 1.1 - Steering axle trailers

Fig. 1



In this case the technical parameter is following:

$$D = g \times \frac{T \times R}{T + R}$$

where:

**g** = Gravitational acceleration; 9.81 m/s<sup>2</sup>;

**T** = Technically admissible maximum weight of towing vehicle in tons;

**R** = Technically admissible maximum weight of trailer in tons.

Examples of calculation

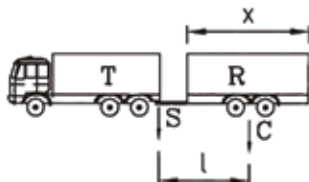
a) **T** = 18 ton; **R** = 26 ton       $D = \frac{9.81 \times (18 \times 26)}{18 + 26} = 104.3 \text{ kN}$

b) **T** = 14 ton; **R** = 42 ton       $D = \frac{9.81 \times (14 \times 42)}{14 + 42} = 103.1 \text{ kN}$

c) **T** = 30 ton; **R** = 50 ton       $D = \frac{9.81 \times (30 \times 50)}{30 + 50} = 183.9 \text{ kN}$

#### 1.2 - Central axle trailers

Fig. 2



In this case the technical parameter is following:

$$Dc = g \times \frac{T \times C}{T + C}$$

where:

**T** = Technically admissible maximum load of the towing vehicle in tons, including the static vertical load transmitted to the coupling by the drawbar eye;

**C** = Sum of the maximum axle loads transmitted to the ground by the trailer in tons.

$$V = a \times \frac{x^2}{l} \times C$$

where:

**x** = Length of the loading area in meters;

**l** = distance between the center of the hole of the drawbar eye and the center of the axles of the trailer in meters;

**V** = Dynamic vertical load in kN;

**C** = Sum of the maximum axial loads transmitted to the ground by the trailer in tons;

**a** =  $1.8 \frac{m}{s^2}$  for vehicles with air suspensions or with a comparable suspension type;

**a** =  $2.4 \frac{m}{s^2}$  for vehicle with other types of suspensions.

$$S = R - C$$

**R** = Technically admissible maximum weight of the trailer in tons.

Example of calculation

Towing vehicle with 20 tons weight and with air suspensions. Central axle trailer with:

**R** = 20 ton    **C** = 19 ton    **S** = 1 ton    **X** = 7.2 m    **L** = 6 m

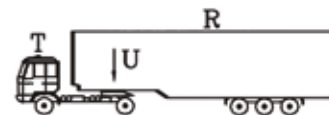
For the determination of the Dc-value the weight of the towing vehicle is calculated as follows:

**T** = 20 + **S** = 20 + 1 = 21 ton

and therefore

$$Dc = \frac{9.81 \times (21 \times 19)}{21 + 19} = 98 \text{ kN} \quad V = 1.8 \times \left(\frac{7.2}{6}\right)^2 \times 19 = 49.2 \text{ kN}$$

### 2 - Fifth wheels and kingpins



$$D = g \times \frac{0.6 \times T \times R}{T + R - U}$$

where:

**T** = Weight of the towing vehicle including the vertical load on the fifth wheel;

**R** = Weight of the semitrailer;

**U** = That part of the semitrailer weight which is directly transmitted to the fifth wheel.

Example of calculation

Towing vehicle alone, weight 7 tons

Trailer with **R** = 36 tons and **U** = 14 tons

For the determination of the D-value the weight of the towing vehicle is calculated as follows:

**T** = 7 + **U** = 7 + 14 = 21 ton      and therefore

$$D = g \times \frac{0.6 \times 21 \times 36}{21 + 36 - 14} = 101 \text{ kN}$$

The towing systems homologated according to the directive 94/20/EC have to bear in the homologation plate the characteristic values (**D**, **Dc**, **S**, **V** and **U**) according to which they have been approved.



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