



NSAI

ECE TYPE-APPROVAL CERTIFICATE



Communication concerning:² Approval granted
 ~~Approval extended~~
 ~~Approval refused~~
 ~~Approval withdrawn~~
 ~~Production definitively discontinued~~

of a vehicle type with regard to steering equipment pursuant to Regulation No. 79.

Approval No: **E24*79R03/08*0075*00**

- | | | |
|-----|---|---|
| 1. | Trade name or mark of vehicle: | <i>Renault / System Truck</i> |
| 2. | Vehicle Type: | <i>ST 13 HD004 79R</i> |
| 3. | Manufacturer's name and address: | <i>S.T. System Truck S.p.A.
Via Paesa, 28 IT-46048 Roverbella (MN)
Italy</i> |
| 4. | If applicable, name and address of manufacturer's representative: | <i>N/A</i> |
| 5. | Brief description of the steering equipment: | |
| 5.1 | Type of steering equipment: | <i>See manufacturers documentation for full details</i> |
| 5.2 | Steering Control: | <i>Steering wheel</i> |
| 5.3 | Steering Transmission: | <i>Mechanical transmission through power assisted rack with steering wheel command</i> |
| 5.4 | Steered Wheels: | <i>Front</i> |
| 5.5 | Energy Source: | <i>See manufacturers documentation for full details</i> |

Approval No: **E24*79R03/08*0075*00**

6. Results of tests, vehicle characteristics:

6.1 Steering effort required to achieve a turning circle of 12m radius with an intact system and 20m radius with a system in the failed condition:

6.1.1 Under normal conditions:

Turning circle	Steering effort	
12 m radius	Limit [daN]	Measured [daN]
<i>Left</i>	25	3.0
<i>Right</i>	25	2.5

6.1.2 After failure of special equipment:

Turning circle	Steering effort	
20 m radius	Limit [daN]	Measured [daN]
<i>Left</i>	30	33.3
<i>Right</i>	30	32.2

6.2 Other tests required by this regulation (pass/fail): **Pass**

6.3 Adequate documentation in accordance with Annex 6 was supplied in respect of the following parts of the steering system: **N/A**

7. Applicable only to towing vehicles

7.1. The towing vehicle ~~is~~/ is not¹ equipped with an electrical connector fulfilling the relevant requirements of Annex 7: **is not**

7.2. The maximum current available is: __A² **N/A**

7.3. The power-driven vehicle is equipped with an ACSF of Category C (~~yes~~/no).

If yes:

7.3.1. The power-driven vehicle supports lane changes according to Paragraph 5.6.4.8.1.1. system in solo condition (i.e. without being coupled to a trailer of Category O3 or O4) (yes/no)

7.3.2. The power-driven vehicle supports lane changes when coupled to a trailer supporting lane change function(s) according to Paragraph 5.6.4.8.1.2. and 5.6.4.9.2. (yes/no)

7.3.3. The power-driven vehicle supports lane changes when coupled to a trailer by fulfilling Paragraph 5.6.4.8.1.3. without support of the trailer. This also includes the case, if the power-driven vehicle does not use the support of a trailer supporting lane change function(s) according to Paragraph 5.6.4.8.1.1. and 5.6.4.9.2. (yes/no)

¹ Strike out what does not apply.

² As defined by the vehicle manufacturer – see paragraphs 2.3. and 3.1. of Annex 7 as appropriate.

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8. Applicable only to trailers
- 8.1. The steering system of the trailer fulfils the relevant provisions of Annex 7 to UN Regulation No. 79: *N/A*
- 8.2. The maximum current required for the trailer steering system is __A² *N/A*
- 8.3. The trailer steering system is/is not² able to supply auxiliary equipment on the trailer with electrical energy: *N/A*
- 8.4. The trailer is equipped with an ACSF of Category C supporting lane change function(s) according to Paragraph 5.6.4.8.1.1. and 5.6.4.9.2. and the Annex 9 (yes/no): *N/A*

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9. Vehicle submitted for approval on: **06.11.2023**
10. Technical service responsible for conducting approval tests: **FAKT S.r.l.
Via Lithos, 53
I-25086 Rezzato (BS)**
11. Date of report issued by that service: **03.11.2023**
12. Number of report issued by that service: **IT23/1080 - 00**
13. Approval granted/~~extended/refused/withdrawn~~:³ **Granted.**
14. Position of the approval mark on the vehicle: **Adhesive plate on on the right door
frame near manufacturer's plate (stage 2)**
15. Place: **Dublin**
16. Date: **28th November, 2023.**
17. Signature: 
18. Annexed to this communication is a list of documents in the approval file deposited at the administration services having delivered the approval and which can be obtained on request.



³ Distinguishing number of the country which has granted/extended/refused/withdrawn approval (see approval provisions in the Regulation).

Approval No: E24*79R03/08*0075*00

Index to the Information Package

Date of issue:	<i>28th November, 2023.</i>
Date of latest amendment:	<i>N/A</i>
Reason for extension/revision:	<i>N/A</i>
1. Additional conditions, and advisory notes on legal alternatives.	
2. Test report(s)	
- numbers(s):	<i>IT23/1080 - 00</i>
- date of issue:	<i>03.11.2023</i>
- date of latest amendment:	<i>N/A</i>
3. Information document	
- number(s):	<i>ST_13_HD004_79R_00</i>
- date of issue:	<i>17.10.2023</i>
- date of latest amendment:	<i>N/A</i>
Documentation:	<i>60 pages</i>



Approval No: E24*79R03/08*0075*00

Appendix: **Additional conditions, and advisory notes on legal alternatives**

A: Additional conditions:

1. The attached technical report, with any of its attachments, forms part of this Type Approval certificate.
2. Each type from series production shall be to the measurements specified in the attached drawings, and shall be manufactured only from the materials specified in the Approval documents.
3. Changes in the type are permitted only with the explicit permission of NSAI. Breaches of this requirement will lead to a withdrawal of the Type Approval, and in addition may be subject to criminal prosecution.
4. At regular intervals, any tests or associated checks prescribed by the applicable legislation to verify continued conformity with the approved type shall be carried out. The manufacturer shall demonstrate compliance with this by submitting to NSAI evidence of adequate arrangements and documented control plans for each type approved.
5. Any set of samples or test pieces showing evidence of non-conformity shall give rise to further sampling and testing and all steps shall be taken to restore conformity of production.
6. This Type Approval will expire when it is surrendered by the holder, or withdrawn by NSAI, or when the approved type no longer conforms to legal requirements. The recall of the Type Approval can be issued by NSAI when the conditions required for the issuing or continuation of the Type Approval are no longer current, or when the Approval holder is in breach of the duties attached to the Type Approval, or when it is established that the approved type no longer meets the requirements of traffic safety.
7. Changes in the company name, address or manufacturing site, as well as in any of the sales or other agents specified in the issuing of the approval must immediately be notified to NSAI.
8. The duties imposed by the issuing of this certificate are not transferable. The legal protection of third parties is not affected by this certificate.
9. When the manufacture or sale of the system, component or separate technical unit has not been started within one year of the date of issue of this certificate, then NSAI is to be informed. This requirement also applies when the manufacture or sale has been halted for more than one year, or when it ought to have been halted for more than one year. The initial commencement of manufacture or sale, or the resumption of manufacture or sale, shall then be notified to NSAI within one month of commencement or resumption.

B: Legal Options:

Any objection to the requirements set out in this certificate shall be made within one month of the date of issue. The objection shall be made, in writing, to NSAI in Dublin.

Test Report No.: IT23/1080 - 00
UN-R79-03

Type: ST 13 HD004 79R

Manufacturer: S.T. System Truck S.p.A.
IT-46048 Roverbella (MN)



Test Report

No. IT23/1080 Vers. 00

Agreement concerning the Adoption of Harmonized Technical United Nations Regulations for Wheeled Vehicles, Equipment and Parts which can be Fitted and/or be Used on Wheeled Vehicles and the Conditions for Reciprocal Recognition of Approvals Granted on the Basis of these United Nations Regulations (Revision 3)

Uniform provisions concerning the approval of vehicles with regard to steering equipment

UN-R79

of **01.06.1970**

as last amended by

Supplement 8 to the 03 series of amendments

of **04.01.2023**

Approval status

☒	Granting of a type approval No. E24*79R03/08*0075*00
☐	Extension to type approval No. ...
☐	Correction to type approval No. ...
☐	Documentation of test results

Structure of the Test Report:

- 1 : General
- 2 : Test vehicle(s)/-object(s)
- 3 : Test record
- 4 : Statement of conformity

The publication or duplication of this test report with its enclosures, or part of this test report or enclosures, without a written consent of the test laboratory is not permitted. The test results and observations contained in this test report refer exclusively to the tested samples/specimens. If not otherwise specified, the sampling has been carried out by the applicant. It is not permitted to transfer these results to other specimens, systems or configurations.

Test Report No.: IT23/1080 - 00
UN-R79-03

Type: ST 13 HD004 79R

Manufacturer: S.T. System Truck S.p.A.
IT-46048 Roverbella (MN)



1 General

- 1.1 Make : Renault / System Truck
- 1.2 Type : ST 13 HD004 79R
- 1.2.1 Variant(s)/version(s) : see information document - Annex 0.0
- 1.2.2 Commercial name(s) : C, T
- 1.3 Category of vehicle : N3
- 1.4 Name and address of the manufacturer : S.T. System Truck S.p.A.
Via Paesa, 28
IT-46048 Roverbella (MN)
- 1.4.1 For multi-stage approved vehicles, company name and address of the manufacturer of the base/previous stage(s) vehicle: : Renault Trucks
FR-69802 Saint Priest - 99 Route de Lyon
- 1.5 Information folder :
Information document
- No : ST_13_HD004_79R_00
- Date of issue : 17.10.2023
- Date of last change : not applicable
- 1.6 List of modifications : not applicable (basic test report)

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UN-R79-03

Type: ST 13 HD004 79R

Manufacturer: S.T. System Truck S.p.A.
IT-46048 Roverbella (MN)



2 Test vehicle(s)/ - object(s):

- 2.1 Description: : representative vehicle
- 2.1.1 Type: : ST 13 HD004 79R
Variant: : UKZ6T4
Version: : NARRTL690K575H5NNA1A
VIN (Stage 1): : VF610M360RD002289
- 2.1.2 Gear box type: : AT 2612
No. of gears: : 12
- 2.1.3 Number and arrangement of axles: : 4; 1st steering / non powered axle
2nd steering / non powered axle
3rd non-steering / powered axle
4th steering / non powered axle
- 2.1.4 Wheelbase(s): : 1-2: 4650 mm
2-3: 1355 mm
3-4: 1350 mm
- 2.1.5 Tyres
1st axle : 385/55 R22,5 (single)
2nd axle : 385/55 R22,5 (single)
3rd axle : 315/70 R22,5 (twin)
4th axle : 385/55 R22,5 (single)
- 2.1.6 Kind of suspension: : 1st pneumatic
2nd pneumatic
3rd pneumatic
4th pneumatic
- 2.1.7 Engine
Manufacturer: : VOLVO powertrain corp.
Type: : DE13 480 EUVI

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UN-R79-03

Type: ST 13 HD004 79R

Manufacturer: S.T. System Truck S.p.A.
IT-46048 Roverbella (MN)



2.1.8 Steering

Type of steering transmission : steering wheel connected by a universal joint shaft to the steering gear-box which transmits the steering force to the front wheels (1st axle) through leverages and articulated joints and to 2nd and 4th axle by hydraulic system

Linkage to wheels : mechanical

Method of assistance : balls circulation hydraulic steering (UACTST) or electro-hydraulic (ACTST-TO) for 1st and 4th axles and. S.T. "Technology" steering system for 2nd axle

2.1.9 Mass of vehicle during test(s)

laden
(series of test A)

Total: : 36235 kg

1st axle: : 10005 kg

2nd axle: : 7150 kg

3rd axle: : 11730 kg

4th axle: : 7350 kg

2.1.10 Maximum speed: : 90 km/h

3. Test details

3.1. Place of test : IT-46048 Roverbella (MN)

3.2. Date of test : series of test A: 03.11.2023

3.3. Environmental conditions : plane and level surface

3.4. Measuring and testing equipment : the equipment on which the tests were carried out, fulfil the requirements of the above mentioned regulation.

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UN-R79-03

Type: ST 13 HD004 79R

Manufacturer: S.T. System Truck S.p.A.
IT-46048 Roverbella (MN)



3.5 Test results

- 3.5.1 General provisions according to point 5.1. of the Regulation : fulfilled
- 3.5.2 Special provisions for trailers according to point 5.2. of the Regulation : not applicable
- 3.5.3 Failure provisions and performance according to point 5.3. of the Regulation : fulfilled
- 3.5.4 Warning signals according to point 5.4. of the Regulation : fulfilled
- 3.5.5 Provisions for the periodic technical inspection of steering equipment according to point 5.5. of the Regulation : fulfilled
- 3.5.6 Provisions for ACSF according to point 5.6. of the Regulation : not applicable (vehicle not equipped with an ACSF)
- 3.5.7 Provisions for RCM fitted to vehicles of category M₁ and N₁ according to point 5.7. of the Regulation : not applicable (vehicle not equipped with an RCM)

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UN-R79-03

Type: ST 13 HD004 79R

Manufacturer: S.T. System Truck S.p.A.
IT-46048 Roverbella (MN)



3.5.8 Test provisions for motor vehicles according to point 6.2. of the Regulation

3.5.8.1 It shall be possible to leave a : fulfilled
curve with a radius of 50 m at a
tangent without unusual vibration
in the steering equipment at 40
km/h

3.5.8.2 When the vehicle is driven in a cir- : fulfilled
cle with its steered wheels at ap-
proximately half lock and a con-
stant speed of at least 10 km/h,
the turning circle shall remain the
same or become larger if the
steering control is released.

3.5.8.3 Steering effort : series of tests A

Intact steering equipment : Turning radius: 12m
Steering control effort to the right: 25N
Steering control time to the right: 3,9s
Steering control effort to the left: 30N
Steering control time to the left: 3,9s

Failure in the steering equipment : Turning radius: 20m
Steering control effort to the right: 322N
Steering control time to the right: 5,9s
Steering control effort to the left: 333N
Steering control time to the left: 5,7s

3.5.8.4 Additional provisions for vehicles : fulfilled
equipped with ASE

3.6 Remarks : not applicable

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Test Report No.: IT23/1080 - 00
UN-R79-03

Type: ST 13 HD004 79R

Manufacturer: S.T. System Truck S.p.A.
IT-46048 Roverbella (MN)



4 Statement of conformity:

The information document as mentioned under No. 1.5 and the type described therein are - in compliance - with the Test Specification mentioned above.

For the present type, the selected test vehicles together with the information documents of remaining variant/version, is representative.

The tests have been carried out, considering the relevant requirements of ISO/IEC 17025:2017.

This report includes pages 1 to 7.
Duplication and publishing in extracts of the Test Report is allowed only by written permission of the Test Laboratory.

TEST LABORATORY

Rezzato, 03.11.2023
ah/aa

File No.:



PR-23/0503

A handwritten signature in blue ink, appearing to read "A. Adami".

A. Adami
Test engineer

E-Mail: aadami@fakt.it

Tel: +39-030-2592700

Fax: +39-030-2590395



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INDICE DELLA SCHEDA INFORMATIVA INDEX TO THE INFORMATION DOCUMENT

N°

Nr

del

of

ST_13_HD004_79R_00

17.10.2023

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	CHIAVE INTERPRETAZIONE VARIANTI E VERSIONI <i>VARIANTS AND VERSIONS EXPLANATION KEY</i>	All. 0.0 <i>Annex 0.0</i>
	COMBINAZIONI POSSIBILI <i>PERMISSIBLE COMBINATION</i>	All. 0.1 <i>Annex 0.1</i>

ELENCO ALLEGATI ATTACHMENTS LIST

	Numero <i>Number</i>	Revisione <i>Revision</i>		Data <i>Date</i>
disegno veicolo: <i>vehicle drawing:</i>	55.01.13.0021	0	del <i>of</i>	05.10.2023
disegno sospensione asse aggiunto: <i>added axle suspension drawing:</i>	10.03.00.0044	0	del <i>of</i>	25.03.2014
disegno molla balestra asse aggiunto: <i>added axle leaves spring drawing:</i>	05100003	1	del <i>of</i>	05.06.2010
disegno ammortizzatore asse aggiunto: <i>added axle shock absorbers drawing:</i>	05102006	0	del <i>of</i>	08.03.2011
disegno molla aria asse aggiunto: <i>added axle diapress drawing:</i>	277.2.420	3	del <i>of</i>	15.11.2004
schema sterzata S.T. "Technology": <i>S.T. "Technology" steering system diagram:</i>	30000003	1	del <i>of</i>	26.06.2001



SCHEDA INFORMATIVA INFORMATION DOCUMENT

N°
Nr ST_13_HD004_79R_00
del
of 17.10.2023

0. DATI GENERALI GENERAL

- 0.1. Marca (denominazione commerciale del costruttore):
Make (trade name of manufacturer): Renault / System Truck
Renault / System Truck
- 0.2. Tipo:
Type: ST 13 HD004 79R
ST 13 HD004 79R
- Varianti:
Variants: vedere allegati n° 0.0 e 0.1
see annex Nr. 0.0 and 0.1
- Versioni:
Versions: vedere allegati n° 0.0 e 0.1
see annex Nr. 0.0 and 0.1
- 0.2.1. Eventuale/i designazione/i commerciale/i:
Commercial name(s) (if available): C, T
C, T
- 0.3. Mezzi di identificazione del tipo, se marcati sul veicolo:
Means of identification of type, if marked on the vehicle: numero di omologazione del tipo su targhetta
type approval number on manufacturer's plate
- 0.3.1. Posizione della marcatura:
Location of that marking: targhetta adesiva sul montante della portiera lato destro
adhesive plate on on the right door frame
- 0.4. Categoria del veicolo:
Category of vehicle: N3
N3
- 0.5. Nome della società e indirizzo del costruttore:
Company name and address of manufacturer: S.T. System Truck S.p.A.
I-46048 Roverbella (MN) - Via Paesa, 28
- 0.5.1. Per i veicoli omologati in più fasi, ragione sociale e indirizzo del fabbricante del veicolo nella fase iniziale / precedente:
For multi-stage approved vehicles, company name and address of the manufacturer of the base/previous stage(s) vehicle: Renault Trucks
FR-69802 Saint Priest - 99 Route de Lyon
- 0.8. Denominazione/i e indirizzo/i dello/gli stabilimento/i di montaggio:
Name(s) and address(es) of assembly plant(s): S.T. System Truck S.p.A.
I-46048 Roverbella (MN) - Via Paesa, 28
- 0.9. Denominazione e indirizzo dell'(eventuale) rappresentante del costruttore:
Name and address of the manufacturer's representative (if any): non ricorre
not applicable
- 0.10. Posizione e modalità di fissaggio del marchio di omologazione sul veicolo:
Location and method of attachment of approval mark on the vehicle targhetta adesiva sul montante della portiera lato destro
adhesive plate on on the right door frame near manufacturer's plate (stage 2)

1. CARATTERISTICHE COSTRUTTIVE GENERALI DEL VEICOLO GENERAL CONSTRUCTION CHARACTERISTICS OF THE VEHICLE

- 1.1. Fotografie e/o disegni di un veicolo rappresentativo:
Photographs and/or drawings of a representative vehicle:
- | disegno n°
<i>drawing No.</i> | del
<i>of</i> | revisione
<i>revision</i> |
|----------------------------------|------------------|------------------------------|
| 55.01.13.0021 | 05.10.2023 | 0 |



Fotografia ¾ anteriore
Photo ¾ front



Fotografia ¾ posteriore
Photo ¾ rear



SCHEDA INFORMATIVA INFORMATION DOCUMENT

N°
Nr ST_13_HD004_79R_00
del
of 17.10.2023

varianti - versioni: ????? - ??????????????????
variants - versions:

1.3.	Numero di assi e di ruote: <i>Number of axles and wheels:</i>	4	assi, <i>axles,</i>	10 ruote <i>10 wheels</i>
1.3.1.	Numero e posizione degli assi a ruote gemellate: <i>Number and position of axles with twin wheels:</i>	1	asse, <i>axle,</i>	3° asse <i>3rd axle</i>
1.3.2.	Numero e posizione degli assi sterzanti: <i>Number and position of steered axles:</i>	vedere allegato n° <i>see annex Nr. 1</i>		1
1.3.3.	Assi motore (numero, posizione, interconnessione): <i>Powered axles (number, position, interconnection):</i>	1	asse, <i>axle,</i>	3° asse, <i>3rd axle,</i> albero di trasm. <i>propeller shaft</i>
1.8.	Lato di guida: <i>Hand of drive:</i>	a sinistra <i>left</i>	oppure <i>or</i>	a destra <i>right</i>
2.	MASSE E DIMENSIONI (in kg e mm) MASSES AND DIMENSIONS (in kg and mm) (eventualmente con riferimento ai disegni) <i>(refer to drawing where applicable)</i>			
2.1.	Interasse o interassi (a pieno carico) <i>Wheelbase(s) (fully loaded)</i>			
2.3.	Carreggiata/e e larghezza/e degli assi <i>Axle track(s) and width(s)</i>			
2.3.1.	Carreggiata di ciascun asse sterzante: <i>Track of each steered axle:</i>	assi <i>axles</i>	carreggiata <i>track</i>	
		1	2019 ÷ 2169	
		2	2139	
		4	1961 ÷ 2111	
2.4.	Dimensioni (fuori tutto) del veicolo <i>Range of vehicle dimensions (overall)</i>			
2.4.1.	Telai non carrozzati <i>For chassis without bodywork</i>			
2.4.1.1	Lunghezza <i>Length</i>			
2.4.1.1.1.	Lunghezza massima ammissibile: <i>Maximum permissible length:</i>	vedere allegato n° 1 <i>see annex Nr. 1</i>		
2.4.1.1.2.	Lunghezza minima ammissibile: <i>Minimum permissible length:</i>	vedere allegato n° 1 <i>see annex Nr. 1</i>		
2.4.1.2	Larghezza: <i>Width:</i>	2490 ÷ 2550 2600	oppure / or nel caso di veicoli ATP <i>in the case of vehicles designed for ATP</i>	
2.4.1.4.	Sbalzo anteriore: <i>Front overhang:</i>	1365	mm <i>mm</i>	
2.4.1.5.	Sbalzo posteriore: <i>Rear overhang:</i>	2140 ÷ 2990 mm <i>2140 ÷ 2990 mm</i>		
2.4.2.	Telai carrozzati <i>For chassis with bodywork</i>			
2.4.2.1.	Lunghezza: <i>Length:</i>	non ricorre <i>not applicable</i>		
2.4.2.2.	Larghezza: <i>Width:</i>	non ricorre <i>not applicable</i>		



SCHEDA INFORMATIVA INFORMATION DOCUMENT

N°
Nr ST_13_HD004_79R_00
del
of 17.10.2023

- 2.4.2.4. Sbalzo anteriore:
Front overhang: non ricorre
not applicable
- 2.4.2.5. Sbalzo posteriore:
Rear overhang: non ricorre
not applicable
- 2.8. Massa massima a pieno carico tecnicamente ammissibile dichiarata dal costruttore:
Technically permissible maximum laden mass stated by the manufacturer: vedere allegato n° 1
see annex Nr. 1
- 2.9. Carico/massa massima tecnicamente ammissibile su ciascun asse:
Technically permissible maximum mass on each axle: vedere allegato n° 1
see annex Nr. 1
- 2.10. Massa tecnicamente ammissibile su ciascun gruppo di assi:
Technically permissible mass on each group of axles: vedere allegato n° 1
see annex Nr. 1
6. **SOSPENSIONI**
SUSPENSION
- 6.2. Tipo e modello della sospensione di ciascun asse o ruota:
Type and design of the suspension of each axle or wheel:
- 1°: sosp. meccanica o pneumatica con ammortizzatori idraulici
1st: leaves or air springs suspension with hydraulic dampers
- 2°: sospensione pneumatica con ammortizzatori idraulici
2nd: pneumatic suspension with hydraulic dampers
- vedere dis. n° 10.03.00.0044 del 25.03.2014
see drawing Nr. 10.03.00.0044 of 25.03.2014
- Molla balestra: vedere dis. n° 05100003 del 05.06.2010
Leaves spring: see drawing Nr. 05100003 of 05.06.2010
- Molla d'aria: Marca: Gart - tipo: D277/B-2F
Diapress: Make: Gart- type: D277/B-2F
vedere dis. n° 277.2.420 del 15.11.2004
see drawing Nr. 277.2.420 of 15.11.2004
- Ammortizzatore: Marca: Sabo - tipo: 890455
Hydraulic dampers: Make: Sabo- type: 890455
vedere dis. n° 05102006 del 08.03.2011
see drawing Nr. 05102006 of 08.03.2011
- 3°: sospensione pneumatica con ammortizzatori idraulici
3rd: pneumatic suspension with hydraulic dampers
- 4°: sospensione pneumatica con ammortizzatori idraulici
4th: pneumatic suspension with hydraulic dampers
- 6.6. Ruote e pneumatici
Tyres and wheels
- 6.6.1. Combinazione/i pneumatico/cerchione:
Tyre/wheel combination(s):
- a) per gli pneumatici indicare la designazione della misura, l'indice della capacità di carico, il simbolo della categoria di velocità ed eventualmente la resistenza al rotolamento ai sensi della norma ISO 28580
a) for tyres indicate size designation, load-capacity index, speed category symbol, rolling resistance in accordance with ISO 28580 (where applicable)
- b) per le ruote, indicare dimensioni del cerchione e dati della campanatura
b) for wheels indicate rim size(s) and off-set(s)



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6.6.1.1.	Assi <i>Axels</i>	
6.6.1.1.1.	Asse 1 <i>Axle 1</i>	
6.6.1.1.1.1.	Designazione della misura dello pneumatico: <i>Tyre size designation:</i>	vedere allegato n° 2 <i>see annex Nr. 2</i>
6.6.1.1.1.2.	Indice della capacità di carico: <i>Load-capacity index:</i>	vedere punto 6.6.1.1.1.1. <i>see point 6.6.1.1.1.1.</i>
6.6.1.1.1.3.	Simbolo della categoria di velocità: <i>Speed category symbol:</i>	vedere punto 6.6.1.1.1.1. <i>see point 6.6.1.1.1.1.</i>
6.6.1.1.1.4.	Dimensione del cerchio: <i>Wheel rim size(s):</i>	vedere punto 6.6.1.1.1.1. <i>see point 6.6.1.1.1.1.</i>
6.6.1.1.1.5.	Offset della ruota: <i>Wheel off-set(s):</i>	vedere punto 6.6.1.1.1.1. <i>see point 6.6.1.1.1.1.</i>
6.6.1.1.1.6.	Coefficiente di resistenza al rotolamento (RRC): <i>Rolling resistance coefficient (RRC):</i>	vedere punto 6.6.1.1.1.1. <i>see point 6.6.1.1.1.1.</i>
6.6.1.1.2.	Asse 2 <i>Axle 2</i>	
6.6.1.1.2.1.	Designazione della misura dello pneumatico: <i>Tyre size designation:</i>	vedere allegato n° 2 <i>see annex Nr. 2</i>
6.6.1.1.2.2.	Indice della capacità di carico: <i>Load-capacity index:</i>	vedere punto 6.6.1.1.2.1. <i>see point 6.6.1.1.2.1.</i>
6.6.1.1.2.3.	Simbolo della categoria di velocità: <i>Speed category symbol:</i>	vedere punto 6.6.1.1.2.1. <i>see point 6.6.1.1.2.1.</i>
6.6.1.1.2.4.	Dimensione del cerchio: <i>Wheel rim size(s):</i>	vedere punto 6.6.1.1.2.1. <i>see point 6.6.1.1.2.1.</i>
6.6.1.1.2.5.	Offset della ruota: <i>Wheel off-set(s):</i>	vedere punto 6.6.1.1.2.1. <i>see point 6.6.1.1.2.1.</i>
6.6.1.1.2.6.	Coefficiente di resistenza al rotolamento (RRC): <i>Rolling resistance coefficient (RRC):</i>	vedere punto 6.6.1.1.2.1. <i>see point 6.6.1.1.2.1.</i>
6.6.1.1.3.	Asse 3 <i>Axle 3</i>	
6.6.1.1.3.1.	Designazione della misura dello pneumatico: <i>Tyre size designation:</i>	vedere allegato n° 2 <i>see annex Nr. 2</i>
6.6.1.1.3.2.	Indice della capacità di carico: <i>Load-capacity index:</i>	vedere punto 6.6.1.1.3.1. <i>see point 6.6.1.1.3.1.</i>
6.6.1.1.3.3.	Simbolo della categoria di velocità: <i>Speed category symbol:</i>	vedere punto 6.6.1.1.3.1. <i>see point 6.6.1.1.3.1.</i>
6.6.1.1.3.4.	Dimensione del cerchio: <i>Wheel rim size(s):</i>	vedere punto 6.6.1.1.3.1. <i>see point 6.6.1.1.3.1.</i>
6.6.1.1.3.5.	Offset della ruota: <i>Wheel off-set(s):</i>	vedere punto 6.6.1.1.3.1. <i>see point 6.6.1.1.3.1.</i>
6.6.1.1.3.6.	Coefficiente di resistenza al rotolamento (RRC): <i>Rolling resistance coefficient (RRC):</i>	vedere punto 6.6.1.1.3.1. <i>see point 6.6.1.1.3.1.</i>
6.6.1.1.4.	Asse 4 <i>Axle 4</i>	



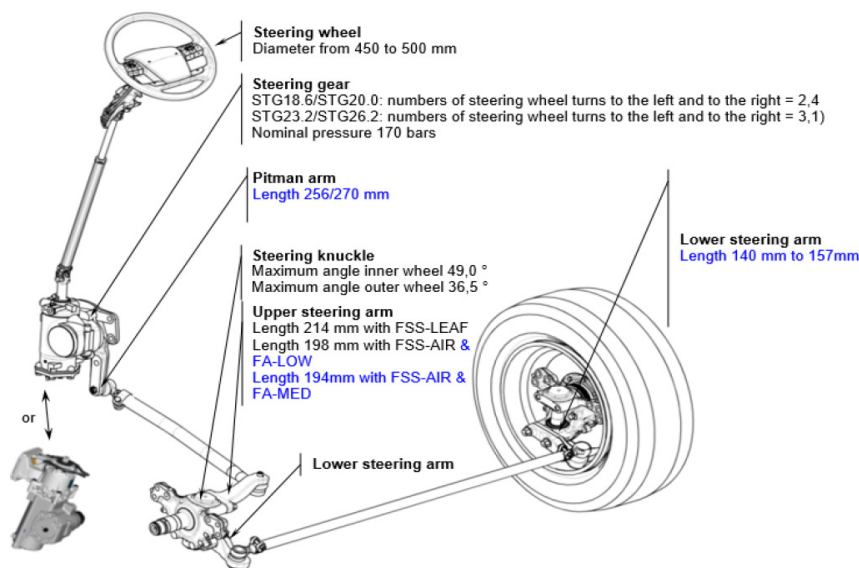
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- 6.6.1.1.4.1. Designazione della misura dello pneumatico:
Tyre size designation: vedere punto 6.6.1.1.2.1.
see point 6.6.1.1.2.1.
- 6.6.1.1.4.2. Indice della capacità di carico:
Load-capacity index: vedere punto 6.6.1.1.2.1.
see point 6.6.1.1.2.1.
- 6.6.1.1.4.3. Simbolo della categoria di velocità:
Speed category symbol: vedere punto 6.6.1.1.2.1.
see point 6.6.1.1.2.1.
- 6.6.1.1.4.4. Dimensione del cerchio:
Wheel rim size(s): vedere punto 6.6.1.1.2.1.
see point 6.6.1.1.2.1.
- 6.6.1.1.4.5. Offset della ruota:
Wheel off-set(s): vedere punto 6.6.1.1.2.1.
see point 6.6.1.1.2.1.
- 6.6.1.1.4.6. Coefficiente di resistenza al rotolamento (RRC):
Rolling resistance coefficient (RRC): vedere punto 6.6.1.1.2.1.
see point 6.6.1.1.2.1.
- 6.6.1.2. Ruota di scorta (se disponibile):
Spare wheel, if any: vedere punto 6.6.1.1.
see item 6.6.1.1.
- 6.6.3. Pressione/i degli pneumatici raccomandata dal costruttore del veicolo:
Tyre pressure(s) as recommended by the vehicle manufacturer: riferirsi alle specifiche del costruttore del pneumatico
refer to the tyre manufacturer's specifications

7. STERZO STEERING

- 7.1. Schemi dell'asse o degli assi sterzanti:
Steering system diagram: 1° asse: vedere schema di seguito
1st axle: see schematic diagram



2° asse: dis. n° 30000003 del 26.06.2001 rev. 1
2nd axle: see drawing No. 30000003 of 26.06.2001 rev. 1

- 7.2. Trasmissione e comando
Transmission and control

- 7.2.1. Tipo di trasmissione dello sterzo (precisare se anteriore o posteriore):
Type of steering transmission (specify for front and rear, if applicable): volante collegato mediante un albero alla scatola dello sterzo che trasmette la forza dello sterzo alle ruote anteriori (1° asse) mediante leveraggi e giunti a snodo e al 2° e 4° asse mediante sistema idraulico
steering wheel connected by a universal joint shaft to the steering gear-box which transmits the steering force to the front wheels (1st axle) through leverages and articulated joints and to 2nd and 4th axle by hydraulic system

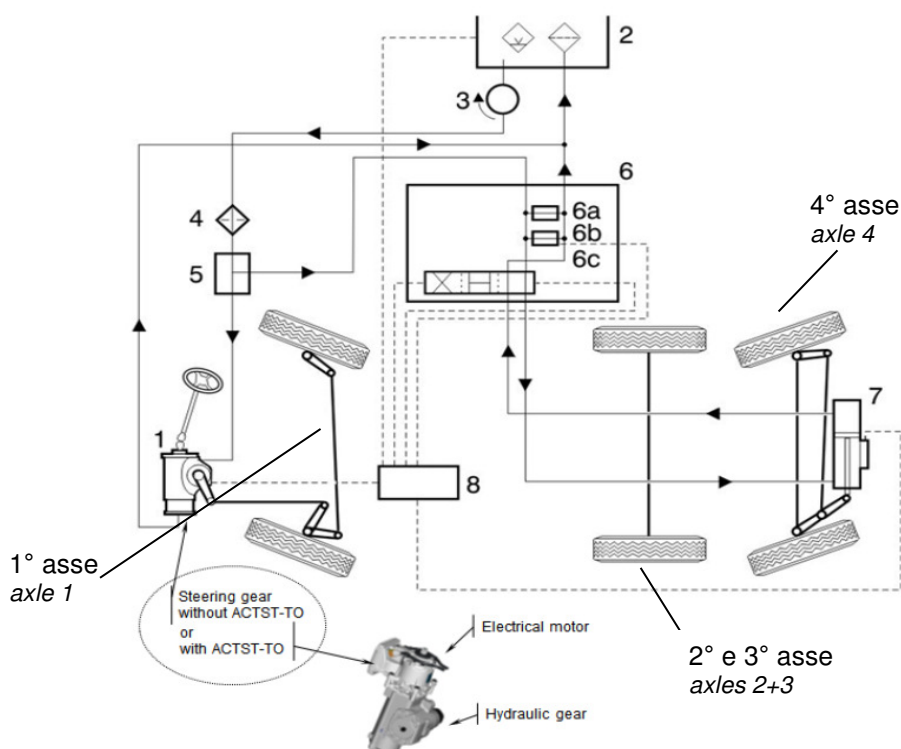


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- 7.2.2. Trasmissione alle ruote (compresi sistemi diversi da quelli meccanici; eventualmente, specificare se anteriore o posteriore):
Linkage to wheels (including other than mechanical means; specify for front and rear, if applicable): meccanici, vedere punto 7.2.1.
mechanical, see item 7.2.1.
- 7.2.3. Tipo degli eventuali servocomandi:
Method of assistance, if any: idroguida a circolazione di sfere (UACTST) o elettro-idraulica (ACTST-TO) per 1° e 4° asse e sistema di sterzata S.T. Technology per 2° asse
balls circulation hydraulic steering (UACTST) or electro-hydraulic (ACTST-TO) for 1st and 4th axle and. S.T. "Technology" steering system for 2nd axle
- 7.2.4. Schema complessivo dell'equipaggiamento sterzo illustrante la posizione sul veicolo dei vari dispositivi di sterzata:
Diagram of the steering equipment as a whole, showing the position on the vehicle of the various devices influencing its steering behaviour:

per 1° e 4° asse: Schema idroguida elettro-idraulica (ACTST-TO):
for 1st and 4th axle: Diagram electro-hydraulic (ACTST-TO):



1. Scatola sterzo integrata con sensore angolo (con ACTST-TO opp. UACTST)
Steering gear with integrated angle sensor, with ACTST-TO or UACTST
2. Serbatoio olio
Oil reservoir
3. Pompa
Pump
4. Filtro alta pressione
High pressure filter
5. Distributore di flusso
Flow distributor

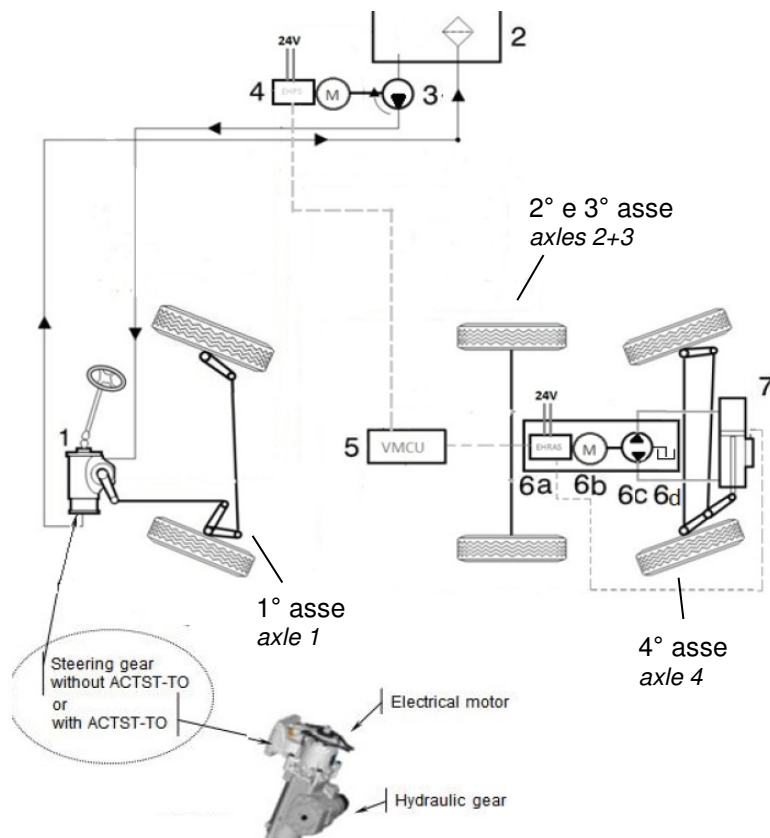


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- 6. Valvola di controllo
Control valve
- 6a. Valvola limitatrice di pressione
Pressure limiting valve
- 6b. Valvola di disinnesto / arresto
Disengagement / shut off valve
- 6c. Valvola proporzionale
Proportional valve
- 7. Cilindro idraulico con sensore angolo lineare di sterzata
Hydraulic cylinder with linear steering angle sensor
- 8. Unità di controllo
Control unit

per 1° e 4° asse: Schema idroguida idraulica (UACTST) :
for 1st and 4th axle: Diagram hydraulic (UACTST):



- 1. Scatola sterzo integrata con sensore angolo (con ACTST-TO opp. UACTST)
Steering gear with integrated angle sensor, with ACTST-TO or UACTST
- 2. Serbatoio olio
Oil reservoir
- 3. Pompa
Pump
- 4. Pompa di sterzata elettro-idraulica (EHPS) Unità di controllo
Electro hydraulic pump steering (EHPS) Control Unit
- 5. Unità di controllo principale del veicolo (VMCU)
Vehicle master control unit (VMCU)



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6. Unità pompa motore EHRAS
EHRAS Motor pump unit

6a. Unità di controllo EHRAS
EHRAS Control Unit

6b. Motore elettrico EHRAS
EHRAS Electric motor

6c. Pompa EHRAS
EHRAS Pump

6d. Serbatoio olio EHRAS
EHRAS oil reservoir

7. Cilindro idraulico con sensore angolo lineare di sterzata EHRAS
EHRAS Hydraulic cylinder with linear steering angle sensor

per 2° asse: dis. n° 30000003 del 26.06.2001 rev. 1
for 2nd axle: see drawing No. 30000003 of 26.06.2001 rev. 1

7.2.5. Schema del comando sterzo
Schematic diagram of the steering control

7.3. Angolo massimo di sterzata delle ruote
Maximum steering angle

7.3.1. A destra:
Numero di giri del volante (o dati equivalenti): 2,4° (STG18.6 / STG20.0); 3,1° (STG23.2 / STG26.2)
To the right:
Number of turns of the steering wheel (or equivalent data): 2,4° (STG18.6 / STG20.0); 3,1° (STG23.2 / STG26.2)

7.3.2. A sinistra:
Numero di giri del volante (o dati equivalenti): 2,4° (STG18.6 / STG20.0); 3,1° (STG23.2 / STG26.2)
To the left:
Number of turns of the steering wheel (or equivalent data): 2,4° (STG18.6 / STG20.0); 3,1° (STG23.2 / STG26.2)

Revisione 0 del 17.10.2023
Revision of

x La Ditta

(ing. Paolo MARTINI)
Ruolo: Direttore tecnico
Position: Technical Director



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CHIAVE INTERPRETAZIONE VARIANTI E VERSIONI VARIANTS AND VERSIONS EXPLANATION KEY

Caratteristiche Characteristics	Descrizione Description	Tipo Type	Varianti Variants	Versioni Versions
Nome costruttore Manufacturer's company name	Renault / S.T. System Truck	ST		
Tipo di trasformazione in 2° fase 2 nd stage conversion type	Applicazione di un 4° asse centrale (conf. 1+3) Added of 4 th central axle (conf. 1+3)	13		
Tipo di veicolo della fase I Type of stage I	HD004	HD004		
Fase di completamento Extent of build	Incompleto Incomplete		U	
Tipo di motore Engine type	6 in linea / 6 in line - 10837 cm ³ 6 in linea / 6 in line - 12777 cm ³		P K	
TPMLM range	Non ricorre (differenza minore 20%) Not applicable (under 20% difference)		Z	
Installazione assi Axles installation	8x2, assi sterzanti: 1° e 2°, asse motore: 3° 8x2, steering axles: 1 st and 2 nd , drive axles: 3 rd 8x2, assi sterzanti: 1°, 2° e 4°, asse motore: 3° 8x2, steering axles: 1 st , 2 nd and 4 th , drive axles: 3 rd		6T2 6T4	
Veicolo stradale/fuoristrada On/off road	Stradale On road			N
Tipo di trasmissione Transmission type	Meccanica - cambio automatico Mechanical - automatic gear shift			A
Direzione scarichi Exhaust direction	Uscita orizzontale, a sinistra Horizontal output, left Uscita orizzontale, posteriore Horizontal output, rear Uscita verticale, a destra Vertical output, right			HL RR VR
Potenza del motore Engine power	380 hp = 285 kW 430 hp = 323 kW 460 hp = 345 kW 440 hp = 330 kW 440 hp = 330 kW B100 F 440 hp = 330 kW TC 480 hp = 360 kW 480 hp = 360 kW B100 F 480 hp = 360 kW TC 520 hp = 390 kW			E4 E5 E6 T0 TA T1 TL TB T5 T4



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CHIAVE INTERPRETAZIONE VARIANTI E VERSIONI VARIANTS AND VERSIONS EXPLANATION KEY

Caratteristiche Characteristics	Descrizione Description	Tipo Type	Varianti Variants	Versioni Versions
Livello emissioni dei gas di scarico Exhaust emission level	EU VI			6
Massa massima 1° asse Front axle load	6700 kg			67
	7100 kg			71
	7500 kg			75
	8000 kg			80
	8500 kg			85
	9000 kg			90
	9500 kg			95
	10000 kg			10
Massa massima 3° asse Technically permissible maximum mass on 3 rd axle	10000 kg			J0
	11000 kg			K0
	11500 kg			K5
	11600 kg			K6
	12000 kg			L0
	13000 kg			M0
Massa massima 2° e 4° asse Technically permissible maximum mass on 2 nd and 4 th axle	6700 + 6700 kg			67
	7100 + 7100 kg			71
	7500 + 7500 kg			75
	7800 + 7800 kg			78
	8000 + 8000 kg			80
	8500 + 8500 kg			85
	9000 + 9000 kg			90
Freno rimorchio Trailer brake	Senza sistema di frenatura rimorchio, con 4 attuatori freno a molla, freni disco Without trailer braking system, with 4 spring brake actuators, disc brakes			U
	Con sistema di frenatura rimorchio, con 2 attuatori freno a molla, freni disco With trailer braking system, with 2 spring brake actuators, disc brakes			3
	Con sistema di frenatura rimorchio, con 4 attuatori freno a molla, freni disco With trailer braking system, with 4 spring brake actuators, disc brakes			H



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CHIAVE INTERPRETAZIONE VARIANTI E VERSIONI VARIANTS AND VERSIONS EXPLANATION KEY

Caratteristiche Characteristics	Descrizione Description	Tipo Type	Varianti Variants	Versioni Versions
Caratteristica traversa di traino Drawbeam characteristics	Senza piastre di attacco <i>Without mounting plate / towing bracket</i>			N
	Traversa di traino per rimorchiabilità ≤ 3500 kg <i>Drawbeam fitted on chassis (towable mass ≤ 3500 kg)</i>			B
	D = 108 kN - Dc = 70 kN			1
	D = 112 kN - Dc = 0 kN			P
	D = 147 kN - Dc = 141 kN			G
	D = 190 kN - Dc = 141 kN			5
Dispositivo di attacco (gancio) Coupling device (coupling)	Senza dispositivo di attacco <i>Without coupling device</i>			N
	D = 100 kN - Dc = 91,5 kN			B
	D = 130 kN - Dc = 90 kN			E
	D = 130 kN - Dc = 91,5 kN			F
	D = 180 kN - Dc = 125 kN			K
	D = 200 kN - Dc = 140 kN			4
	D = 190 kN - Dc = 0 kN			A
	D = 141 kN - Dc = 141 kN			J
ADR	No ADR / <i>Not ADR</i>			N
	AT EX-II EX-III FL			B
	AT			C
Elementi ausiliari Auxiliary items	Senza RUP, con antispray anteriori, senza antispray posteriori <i>Without RUP, with front antispray, no rear antispray</i>			00
	Senza RUP, con antispray anteriori e posteriori <i>Without RUP, with front and rear antispray</i>			A1
	Con RUP, con antispray anteriori, senza antispray posteriori <i>With RUP, with front antispray, no rear antispray</i>			R1
	Con RUP, con antispray anteriori e posteriori <i>With RUP, with front and rear antispray</i>			11
2° asse 2 nd axle	aggiunto in configurazione 1+3 <i>added in 1+3 configuration</i>			A



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COMBINAZIONI POSSIBILI PERMISSIBLE COMBINATION

Tipo Type	Varianti Variants	Versioni Versions																																																																																																																								
ST 13 HD004 79R	<table><tr><td>U</td><td>P</td><td>Z</td><td>6T2</td></tr><tr><td>U</td><td>P</td><td>Z</td><td>6T4</td></tr></table>	U	P	Z	6T2	U	P	Z	6T4	<table><tr><td>N</td><td>A</td><td>HL</td><td>E4</td><td>6</td><td>67</td><td>K5</td><td>67</td><td>U</td><td>B</td><td>N</td><td>N</td><td>00</td><td>A</td></tr><tr><td></td><td></td><td>RR</td><td>E5</td><td></td><td>71</td><td>K6</td><td>71</td><td>H</td><td>N</td><td></td><td>C</td><td>A1</td><td></td></tr><tr><td></td><td></td><td>VR</td><td>E6</td><td></td><td>75</td><td>L0</td><td>75</td><td></td><td>1</td><td></td><td></td><td>R1</td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>80</td><td></td><td>78</td><td></td><td>G</td><td></td><td></td><td>11</td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>85</td><td></td><td>80</td><td></td><td>5</td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>90</td><td></td><td></td><td></td><td>P</td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>95</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>10</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>	N	A	HL	E4	6	67	K5	67	U	B	N	N	00	A			RR	E5		71	K6	71	H	N		C	A1				VR	E6		75	L0	75		1			R1							80		78		G			11							85		80		5										90				P										95														10								
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Tipo Type
ST 13 HD004 79R

Varianti Variants			
U	P	Z	6T2
U	P	Z	6T4

Versioni Versions													
N	A	HL	E4	6	75	L0	85	U	1	B	N	00	A
		RR	E5		80			H	G	E	C	A1	
		VR	E6		85				5	F		R1	
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ST 13 HD004 79R

U	P	Z	6T2
U	P	Z	6T4

N	A	HL	E4	6	67	K5	67	H	1	A	N	00	A
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		VR	E6		75	L0	75		5			R1	
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ST 13 HD004 79R

U	P	Z	6T2
U	P	Z	6T4

N	A	HL	E4	6	90	M0	80	H	1	A	N	00	A
		RR	E5		95				G		C	A1	
		VR	E6		10				5			R1	
												11	

ST 13 HD004 79R

U	P	Z	6T2
U	P	Z	6T4

N	A	HL	E4	6	80	K5	90	H	1	A	N	00	A
		RR	E5						G		C	A1	
		VR	E6						5			R1	
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ST 13 HD004 79R

U	P	Z	6T2
U	P	Z	6T4

N	A	HL	E4	6	75	L0	85	H	1	A	N	00	A
		RR	E5		80				G		C	A1	
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ST 13 HD004 79R

U	P	Z	6T2
U	P	Z	6T4

N	A	HL	E4	6	67	K5	67	H	P	B	N	00	A
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ST 13 HD004 79R

U	P	Z	6T2
U	P	Z	6T4

N	A	HL	E4	6	90	M0	80	H	P	B	N	00	A
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ST 13 HD004 79R

U	P	Z	6T2
U	P	Z	6T4

N	A	HL	E4	6	80	K5	90	H	P	B	N	00	A
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ST 13 HD004 79R

U	P	Z	6T2
U	P	Z	6T4

N	A	HL	E4	6	75	L0	85	H	P	B	N	00	A
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Tipo Type
ST 13 HD004 79R

Varianti Variants			
U	P	Z	6T2
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Versioni Versions													
N	A	HL	E4	6	67	K5	67	U	B	N	B	00	A
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ST 13 HD004 79R

U	P	Z	6T2
U	P	Z	6T4

N	A	HL	E4	6	90	M0	80	U	B	N	B	00	A
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			E6		10				1			R1	
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ST 13 HD004 79R

U	P	Z	6T2
U	P	Z	6T4

N	A	HL	E4	6	80	K5	90	U	B	N	B	00	A
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U	P	Z	6T2
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N	A	HL	E4	6	75	L0	85	U	B	N	B	00	A
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U	P	Z	6T2
U	P	Z	6T4

N	A	HL	E4	6	67	K5	67	U	1	B	B	00	A
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U	P	Z	6T2
U	P	Z	6T4

N	A	HL	E4	6	90	M0	80	U	1	B	B	00	A
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			E6		10				5	F		R1	
										K		11	
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ST 13 HD004 79R

U	P	Z	6T2
U	P	Z	6T4

N	A	HL	E4	6	80	K5	90	U	1	B	B	00	A
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			E6						5	F		R1	
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ST 13 HD004 79R

U	P	Z	6T2
U	P	Z	6T4

N	A	HL	E4	6	75	L0	85	U	1	B	B	00	A
		RR	E5		80			H	G	E		A1	
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Tipo Type
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		RR	E5		71	K6	71		G			A1	
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U	P	Z	6T2
U	P	Z	6T4

N	A	HL	E4	6	90	M0	80	H	1	A	B	00	A
		RR	E5		95				G			A1	
			E6		10				5			R1	
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ST 13 HD004 79R

U	P	Z	6T2
U	P	Z	6T4

N	A	HL	E4	6	80	K5	90	H	1	A	B	00	A
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U	P	Z	6T4

N	A	HL	E4	6	75	L0	85	H	1	A	B	00	A
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N	A	HL	E4	6	67	K5	67	H	P	B	B	00	A
		RR	E5		71	K6	71			E		A1	
			E6		75	L0	75			F		R1	
					80		78			K		11	
					85		80			4			
					90					J			
					95					A			
					10								

ST 13 HD004 79R

U	P	Z	6T2
U	P	Z	6T4

N	A	HL	E4	6	90	M0	80	H	P	B	B	00	A
		RR	E5		95					E		A1	
			E6		10					F		R1	
										K		11	
										4			
										J			
										A			

ST 13 HD004 79R

U	P	Z	6T2
U	P	Z	6T4

N	A	HL	E4	6	80	K5	90	H	P	B	B	00	A
		RR	E5							E		A1	
			E6							F		R1	
										K		11	
										4			
										J			
										A			

ST 13 HD004 79R

U	P	Z	6T2
U	P	Z	6T4

N	A	HL	E4	6	75	L0	85	H	P	B	B	00	A
		RR	E5		80					E		A1	
			E6		85					F		R1	
					90					K		11	
					95					4			
					10					J			
										A			

Tipo Type
ST 13 HD004 79R

Varianti Variants			
U	K	Z	6T2
U	K	Z	6T4

Versioni Versions													
N	A	HL	T0	6	67	K5	67	U	B	N	N	00	A
		RR	TL		71	K6	71	H	N		C	A1	
		VR	T4		75	L0	75		1			R1	
			TB		80		78		G			11	
			T1		85		80		5				
			T5		90				P				
			TA		95								

ST 13 HD004 79R

U	K	Z	6T2
U	K	Z	6T4

N	A	HL	T0	6	90	M0	80	U	B	N	N	00	A
		RR	TL		95			H	N		C	A1	
		VR	T4		10				1			R1	
			TB						G			11	
			T1						5				
			T5						P				
			TA										

ST 13 HD004 79R

U	K	Z	6T2
U	K	Z	6T4

N	A	HL	T0	6	80	K5	90	U	B	N	N	00	A
		RR	TL					H	N		C	A1	
		VR	T4						1			R1	
			TB						G			11	
			T1						5				
			T5						P				
			TA										

ST 13 HD004 79R

U	K	Z	6T2
U	K	Z	6T4

N	A	HL	T0	6	75	L0	85	U	B	N	N	00	A
		RR	TL		80			H	N		C	A1	
		VR	T4		85				1			R1	
			TB		90				G			11	
			T1		95				5				
			T5		10				P				
			TA										

ST 13 HD004 79R

U	K	Z	6T2
U	K	Z	6T4

N	A	HL	T0	6	67	K5	67	U	1	B	N	00	A
		RR	TL		71	K6	71	H	G	E	C	A1	
		VR	T4		75	L0	75		5	F		R1	
			TB		80		78			K		11	
			T1		85		80			4			
			T5		90					J			
			TA		95								
					10								

ST 13 HD004 79R

U	K	Z	6T2
U	K	Z	6T4

N	A	HL	T0	6	90	M0	80	U	1	B	N	00	A
		RR	TL		95			H	G	E	C	A1	
		VR	T4		10				5	F		R1	
			TB							K		11	
			T1							4			
			T5							J			
			TA										

ST 13 HD004 79R

U	K	Z	6T2
U	K	Z	6T4

N	A	HL	T0	6	80	K5	90	U	1	B	N	00	A
		RR	TL					H	G	E	C	A1	
		VR	T4						5	F		R1	
			TB							K		11	
			T1							4			
			T5							J			
			TA										

ST 13 HD004 79R

U	K	Z	6T2
U	K	Z	6T4

N	A	HL	T0	6	75	L0	85	U	1	B	N	00	A
		RR	TL		80			H	G	E	C	A1	
		VR	T4		85				5	F		R1	
			TB		90					K		11	
			T1		95					4			
			T5		10					J			
			TA										

Tipo Type
ST 13 HD004 79R

Varianti Variants			
U	K	Z	6T2
U	K	Z	6T4

Versioni Versions													
N	A	HL	T0	6	67	K5	67	H	1	A	N	00	A
		RR	TL		71	K6	71		G		C	A1	
		VR	T4		75	L0	75		5			R1	
			TB		80		78					11	
			T1		85		80						
			T5		90								
			TA		95								
					10								

ST 13 HD004 79R

U	K	Z	6T2
U	K	Z	6T4

N	A	HL	T0	6	90	M0	80	H	1	A	N	00	A
		RR	TL		95				G		C	A1	
		VR	T4		10				5			R1	
			TB									11	
			T1										
			T5										
			TA										

ST 13 HD004 79R

U	K	Z	6T2
U	K	Z	6T4

N	A	HL	T0	6	80	K5	90	H	1	A	N	00	A
		RR	TL						G		C	A1	
		VR	T4						5			R1	
			TB									11	
			T1										
			T5										
			TA										

ST 13 HD004 79R

U	K	Z	6T2
U	K	Z	6T4

N	A	HL	T0	6	75	L0	85	H	1	A	N	00	A
		RR	TL		80				G		C	A1	
		VR	T4		85				5			R1	
			TB		90							11	
			T1		95								
			T5		10								
			TA										

ST 13 HD004 79R

U	K	Z	6T2
U	K	Z	6T4

N	A	HL	T0	6	67	K5	67	H	P	B	N	00	A
		RR	TL		71	K6	71			E	C	A1	
		VR	T4		75	L0	75			F		R1	
			TB		80		78			K		11	
			T1		85		80			4			
			T5		90					J			
			TA		95					A			
					10								

ST 13 HD004 79R

U	K	Z	6T2
U	K	Z	6T4

N	A	HL	T0	6	90	M0	80	H	P	B	N	00	A
		RR	TL		95					E	C	A1	
		VR	T4		10					F		R1	
			TB							K		11	
			T1							4			
			T5							J			
			TA							A			

ST 13 HD004 79R

U	K	Z	6T2
U	K	Z	6T4

N	A	HL	T0	6	80	K5	90	H	P	B	N	00	A
		RR	TL							E	C	A1	
		VR	T4							F		R1	
			TB							K		11	
			T1							4			
			T5							J			
			TA							A			

ST 13 HD004 79R

U	K	Z	6T2
U	K	Z	6T4

N	A	HL	T0	6	75	L0	85	H	P	B	N	00	A
		RR	TL		80					E	C	A1	
		VR	T4		85					F		R1	
			TB		90					K		11	
			T1		95					4			
			T5		10					J			
			TA							A			

Tipo Type

ST 13 HD004 79R

Varianti Variants

U	K	Z	6T2
U	K	Z	6T4

Versioni Versions

N	A	HL	T0	6	67	K5	67	U	B	N	B	00	A
		RR	TL		71	K6	71	H	N			A1	
			T4		75	L0	75		1			R1	
			TB		80		78		G			11	
			T1		85		80		5				
			T5		90				P				
			TA		95								
					10								

ST 13 HD004 79R

U	K	Z	6T2
U	K	Z	6T4

N	A	HL	T0	6	90	M0	80	U	B	N	B	00	A
		RR	TL		95			H	N			A1	
			T4		10				1			R1	
			TB						G			11	
			T1						5				
			T5						P				
			TA										

ST 13 HD004 79R

U	K	Z	6T2
U	K	Z	6T4

N	A	HL	T0	6	80	K5	90	U	B	N	B	00	A
		RR	TL					H	N			A1	
			T4						1			R1	
			TB						G			11	
			T1						5				
			T5						P				
			TA										

ST 13 HD004 79R

U	K	Z	6T2
U	K	Z	6T4

N	A	HL	T0	6	75	L0	85	U	B	N	B	00	A
		RR	TL		80			H	N			A1	
			T4		85				1			R1	
			TB		90				G			11	
			T1		95				5				
			T5		10				P				
			TA										

ST 13 HD004 79R

U	K	Z	6T2
U	K	Z	6T4

N	A	HL	T0	6	67	K5	67	U	1	B	B	00	A
		RR	TL		71	K6	71	H	G	E		A1	
			T4		75	L0	75		5	F		R1	
			TB		80		78			K		11	
			T1		85		80			4			
			T5		90					J			
			TA		95								
					10								

ST 13 HD004 79R

U	K	Z	6T2
U	K	Z	6T4

N	A	HL	T0	6	90	M0	80	U	1	B	B	00	A
		RR	TL		95			H	G	E		A1	
			T4		10				5	F		R1	
			TB							K		11	
			T1							4			
			T5							J			
			TA										

ST 13 HD004 79R

U	K	Z	6T2
U	K	Z	6T4

N	A	HL	T0	6	80	K5	90	U	1	B	B	00	A
		RR	TL					H	G	E		A1	
			T4						5	F		R1	
			TB							K		11	
			T1							4			
			T5							J			
			TA										

Tipo Type
ST 13 HD004 79R

Varianti Variants			
U	K	Z	6T2
U	K	Z	6T4

Versioni Versions													
N	A	HL	T0	6	75	L0	85	U	1	B	B	00	A
		RR	TL		80			H	G	E		A1	
			T4		85				5	F		R1	
			TB		90					K		11	
			T1		95					4			
			T5		10					J			
			TA										

ST 13 HD004 79R

U	K	Z	6T2
U	K	Z	6T4

N	A	HL	T0	6	67	K5	67	H	1	A	B	00	A
		RR	TL		71	K6	71		G			A1	
			T4		75	L0	75		5			R1	
			TB		80		78					11	
			T1		85		80						
			T5		90								
			TA		95								
					10								

ST 13 HD004 79R

U	K	Z	6T2
U	K	Z	6T4

N	A	HL	T0	6	90	M0	80	H	1	A	B	00	A
		RR	TL		95				G			A1	
			T4		10				5			R1	
			TB									11	
			T1										
			T5										

ST 13 HD004 79R

U	K	Z	6T2
U	K	Z	6T4

N	A	HL	T0	6	80	K5	90	H	1	A	B	00	A
		RR	TL						G			A1	
			T4						5			R1	
			TB									11	
			T1										
			T5										
			TA										

ST 13 HD004 79R

U	K	Z	6T2
U	K	Z	6T4

N	A	HL	T0	6	75	L0	85	H	1	A	B	00	A
		RR	TL		80				G			A1	
			T4		85				5			R1	
			TB		90							11	
			T1		95								
			T5		10								
			TA										

ST 13 HD004 79R

U	K	Z	6T2
U	K	Z	6T4

N	A	HL	T0	6	67	K5	67	H	P	B	B	00	A
		RR	TL		71	K6	71			E		A1	
			T4		75	L0	75			F		R1	
			TB		80		78			K		11	
			T1		85		80			4			
			T5		90					J			
			TA		95					A			
					10								

ST 13 HD004 79R

U	K	Z	6T2
U	K	Z	6T4

N	A	HL	T0	6	90	M0	80	H	P	B	B	00	A
		RR	TL		95					E		A1	
			T4		10					F		R1	
			TB							K		11	
			T1							4			
			T5							J			
			TA							A			

ST 13 HD004 79R

U	K	Z	6T2
U	K	Z	6T4

N	A	HL	T0	6	80	K5	90	H	P	B	B	00	A
		RR	TL							E		A1	
			T4							F		R1	
			TB							K		11	
			T1							4			
			T5							J			
			TA							A			

Tipo Type
ST 13 HD004 79R

Varianti Variants			
U	K	Z	6T2
U	K	Z	6T4

Versioni Versions													
N	A	HL	T0	6	75	L0	85	H	P	B	B	00	A
		RR	TL		80					E		A1	
			T4		85					F		R1	
			TB		90					K		11	
			T1		95					4			
			T5		10					J			
			TA							A			

ST 13 HD004 79R

U	P	Z	6T2
U	P	Z	6T4

N	A	HL	E4	6	67	K0	90	U	B	N	N	00	A
		RR	E5		71	J0		H	N		C	A1	
		VR	E6		75	L0			1			R1	
					80				G			11	
					85				5				
					90				P				
					95								
					10								

ST 13 HD004 79R

U	P	Z	6T2
U	P	Z	6T4

N	A	HL	E4	6	67	K0	80	U	B	N	N	00	A
		RR	E5		71			H	N		C	A1	
		VR	E6		75				1			R1	
					80				G			11	
					85				5				
					90				P				
					95								
					10								

ST 13 HD004 79R

U	P	Z	6T2
U	P	Z	6T4

N	A	HL	E4	6	67	K0	90	U	1	B	N	00	A
		RR	E5		71	J0		H	G	E	C	A1	
		VR	E6		75	L0			5	F		R1	
					80					K		11	
					85					4			
					90					J			
					95								
					10								

ST 13 HD004 79R

U	P	Z	6T2
U	P	Z	6T4

N	A	HL	E4	6	67	K0	90	H	1	A	N	00	A
		RR	E5		71	J0			G		C	A1	
		VR	E6		75	L0			5			R1	
					80							11	
					85								
					90								
					95								
					10								

ST 13 HD004 79R

U	P	Z	6T2
U	P	Z	6T4

N	A	HL	E4	6	67	K0	90	H	P	B	N	00	A
		RR	E5		71	J0				E	C	A1	
		VR	E6		75	L0				F		R1	
					80					K		11	
					85					4			
					90					J			
					95					A			
					10								

ST 13 HD004 79R

U	P	Z	6T2
U	P	Z	6T4

N	A	HL	E4	6	67	K0	80	U	1	B	N	00	A
		RR	E5		71			H	G	E	C	A1	
		VR	E6		75				5	F		R1	
					80					K		11	
					85					4			
					90					J			
					95								
					10								

Tipo Type
ST 13 HD004 79R

Varianti Variants			
U	P	Z	6T2
U	P	Z	6T4

Versioni Versions													
N	A	HL	E4	6	67	K0	80	H	1	A	N	00	A
		RR	E5		71				G		C	A1	
		VR	E6		75				5			R1	
					80							11	
					85								
					90								
					95								
					10								

ST 13 HD004 79R

U	P	Z	6T2
U	P	Z	6T4

N	A	HL	E4	6	67	K0	80	H	P	B	N	00	A
		RR	E5		71					E	C	A1	
		VR	E6		75					F		R1	
					80					K		11	
					85					4			
					90					J			
					95					A			
					10								

ST 13 HD004 79R

U	P	Z	6T2
U	P	Z	6T4

N	A	HL	E4	6	67	K0	90	U	B	N	B	00	A
		RR	E5		71	J0		H	N			A1	
			E6		75	L0			1			R1	
					80				G			11	
					85				5				
					90				P				
					95								
					10								

ST 13 HD004 79R

U	P	Z	6T2
U	P	Z	6T4

N	A	HL	E4	6	67	K0	80	U	B	N	B	00	A
		RR	E5		71			H	N			A1	
			E6		75				1			R1	
					80				G			11	
					85				5				
					90				P				
					95								
					10								

ST 13 HD004 79R

U	P	Z	6T2
U	P	Z	6T4

N	A	HL	E4	6	67	K0	90	U	1	B	B	00	A
		RR	E5		71	J0		H	G	E		A1	
			E6		75	L0			5	F		R1	
					80					K		11	
					85					4			
					90					J			
					95								
					10								

ST 13 HD004 79R

U	P	Z	6T2
U	P	Z	6T4

N	A	HL	E4	6	67	K0	90	H	1	A	B	00	A
		RR	E5		71	J0			G			A1	
			E6		75	L0			5			R1	
					80							11	
					85								
					90								
					95								
					10								

ST 13 HD004 79R

U	P	Z	6T2
U	P	Z	6T4

N	A	HL	E4	6	67	K0	90	H	P	B	B	00	A
		RR	E5		71	J0				E		A1	
			E6		75	L0				F		R1	
					80					K		11	
					85					4			
					90					J			
					95					A			
					10								

Tipo Type
ST 13 HD004 79R

Varianti Variants			
U	P	Z	6T2
U	P	Z	6T4

Versioni Versions													
N	A	HL	E4	6	67	L0	80	U	1	B	B	00	A
		RR	E5		71			H	G	E		A1	
			E6		75				5	F		R1	
					80					K		11	
					85					4			
					90					J			
					95								
					10								

ST 13 HD004 79R

U	P	Z	6T2
U	P	Z	6T4

N	A	HL	E4	6	67	K0	80	H	1	A	B	00	A
		RR	E5		71				G			A1	
			E6		75				5			R1	
					80							11	
					85								
					90								
					95								
					10								

ST 13 HD004 79R

U	P	Z	6T2
U	P	Z	6T4

N	A	HL	E4	6	67	K0	80	H	P	B	B	00	A
		RR	E5		71					E		A1	
			E6		75					F		R1	
					80					K		11	
					85					4			
					90					J			
					95					A			
					10								

ST 13 HD004 79R

U	K	Z	6T2
U	K	Z	6T4

N	A	HL	T0	6	67	K0	90	U	B	N	N	00	A
		RR	TL		71	J0		H	N		C	A1	
		VR	T4		75	L0			1			R1	
			TB		80				G			11	
			T1		85				5				
			T5		90				P				
			TA		95								
					10								

ST 13 HD004 79R

U	K	Z	6T2
U	K	Z	6T4

N	A	HL	T0	6	67	K0	80	U	B	N	N	00	A
		RR	TL		71			H	N		C	A1	
		VR	T4		75				1			R1	
			TB		80				G			11	
			T1		85				5				
			T5		90				P				
			TA		95								
					10								

ST 13 HD004 79R

U	K	Z	6T2
U	K	Z	6T4

N	A	HL	T0	6	67	K0	90	U	1	B	N	00	A
		RR	TL		71	J0		H	G	E	C	A1	
		VR	T4		75	L0			5	F		R1	
			TB		80					K		11	
			T1		85					4			
			T5		90					J			
			TA		95								
					10								

ST 13 HD004 79R

U	K	Z	6T2
U	K	Z	6T4

N	A	HL	T0	6	67	K0	90	H	1	A	N	00	A
		RR	TL		71	J0			G		C	A1	
		VR	T4		75	L0			5			R1	
			TB		80							11	
			T1		85								
			T5		90								
			TA		95								
					10								

Tipo Type
ST 13 HD004 79R

Varianti Variants			
U	K	Z	6T2
U	K	Z	6T4

Versioni Versions													
N	A	HL	T0	6	67	K0	90	H	P	B	N	00	A
		RR	TL		71	J0				E	C	A1	
		VR	T4		75	L0				F		R1	
			TB		80					K		11	
			T1		85					4			
			T5		90					J			
			TA		95					A			
					10								

ST 13 HD004 79R

U	K	Z	6T2
U	K	Z	6T4

N	A	HL	T0	6	67	K0	80	U	1	B	N	00	A
		RR	TL		71			H	G	E	C	A1	
		VR	T4		75				5	F		R1	
			TB		80					K		11	
			T1		85					4			
			T5		90					J			
			TA		95								
					10								

ST 13 HD004 79R

U	K	Z	6T2
U	K	Z	6T4

N	A	HL	T0	6	67	K0	80	H	1	A	N	00	A
		RR	TL		71				G		C	A1	
		VR	T4		75				5			R1	
			TB		80							11	
			T1		85								
			T5		90								
			TA		95								
					10								

ST 13 HD004 79R

U	K	Z	6T2
U	K	Z	6T4

N	A	HL	T0	6	67	K0	80	H	P	B	N	00	A
		RR	TL		71					E	C	A1	
		VR	T4		75					F		R1	
			TB		80					K		11	
			T1		85					4			
			T5		90					J			
			TA		95					A			
					10								

ST 13 HD004 79R

U	K	Z	6T2
U	K	Z	6T4

N	A	HL	T0	6	67	K0	90	U	B	N	B	00	A
		RR	TL		71	J0		H	N			A1	
			T4		75	L0			1			R1	
			TB		80				G			11	
			T1		85				5				
			T5		90				P				
			TA		95								
					10								

ST 13 HD004 79R

U	K	Z	6T2
U	K	Z	6T4

N	A	HL	T0	6	67	K0	80	U	B	N	B	00	A
		RR	TL		71			H	N			A1	
			T4		75				1			R1	
			TB		80				G			11	
			T1		85				5				
			T5		90				P				
			TA		95								
					10								

ST 13 HD004 79R

U	K	Z	6T2
U	K	Z	6T4

N	A	HL	T0	6	67	K0	90	U	1	B	B	00	A
		RR	TL		71	J0		H	G	E		A1	
			T4		75	L0			5	F		R1	
			TB		80					K		11	
			T1		85					4			
			T5		90					J			
			TA		95								
					10								

Tipo Type
ST 13 HD004 79R

Varianti Variants			
U	K	Z	6T2
U	K	Z	6T4

Versioni Versions													
N	A	HL	T0	6	67	K0	90	H	1	A	B	00	A
		RR	TL		71	J0			G			A1	
			T4		75	L0			5			R1	
			TB		80							11	
			T1		85								
			T5		90								
			TA		95								
					10								

ST 13 HD004 79R

U	K	Z	6T2
U	K	Z	6T4

N	A	HL	T0	6	67	K0	90	H	P	B	B	00	A
		RR	TL		71	J0				E		A1	
			T4		75	L0				F		R1	
			TB		80					K		11	
			T1		85					4			
			T5		90					J			
			TA		95					A			
					10								

ST 13 HD004 79R

U	K	Z	6T2
U	K	Z	6T4

N	A	HL	T0	6	67	K0	80	U	1	B	B	00	A
		RR	TL		71			H	G	E		A1	
			T4		75				5	F		R1	
			TB		80					K		11	
			T1		85					4			
			T5		90					J			
			TA		95								
					10								

ST 13 HD004 79R

U	K	Z	6T2
U	K	Z	6T4

N	A	HL	T0	6	67	K0	80	H	1	A	B	00	A
		RR	TL		71				G			A1	
			T4		75				5			R1	
			TB		80							11	
			T1		85								
			T5		90								
			TA		95								
					10								

ST 13 HD004 79R

U	K	Z	6T2
U	K	Z	6T4

N	A	HL	T0	6	67	K0	80	H	P	B	B	00	A
		RR	TL		71					E		A1	
			T4		75					F		R1	
			TB		80					K		11	
			T1		85					4			
			T5		90					J			
			TA		95					A			
					10								



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Punto Item	Variante Variant	Versione Version	Descrizione Description
1.3.2.	??6T2	?????????????????? ?	2 assi / axles 1° e 2° / 1 st and 2 nd
	??6T4	?????????????????? ?	3 assi / axles 1°, 2° e 4° / 1 st , 2 nd and 4 th
2.4.1.1.1.	??????	?????????????????? ?	9460 mm 1 ÷ 3: 4305 mm
	??????	?????????????????? ?	9910 mm 4605 mm
	??????	?????????????????? ?	10210 mm 4805 mm
	??????	?????????????????? ?	10360 mm 4905 mm
	??????	?????????????????? ?	10810 mm 5205 mm
	??????	?????????????????? ?	11400 mm 5605 mm
	??????	?????????????????? ?	11970 mm 6005 mm
2.4.1.1.2.	??????	?????????????????? ?	9160 mm 1 ÷ 3: 4305 mm
	??????	?????????????????? ?	9610 mm 4605 mm
	??????	?????????????????? ?	9910 mm 4805 mm
	??????	?????????????????? ?	10060 mm 4905 mm
	??????	?????????????????? ?	10510 mm 5205 mm
	??????	?????????????????? ?	11100 mm 5605 mm
	??????	?????????????????? ?	11710 mm 6005 mm
2.8.	??6T?	???????67J090?????? ?	33500 kg
	??6T?	???????67K080?????? ?	33500 kg
	??6T?	???????67K090?????? ?	33500 kg
	??6T?	???????67K567?????? ?	31600 kg
	??6T?	???????67K571?????? ?	32400 kg
	??6T?	???????67K575?????? ?	33200 kg
	??6T?	???????67K578?????? ?	33500 kg
	??6T?	???????67K580?????? ?	33500 kg
	??6T?	???????67K667?????? ?	31700 kg
	??6T?	???????67K671?????? ?	32500 kg
	??6T?	???????67K675?????? ?	33300 kg
	??6T?	???????67K678?????? ?	33500 kg
	??6T?	???????67K680?????? ?	33500 kg
	??6T?	???????67L067?????? ?	32100 kg
	??6T?	???????67L071?????? ?	32900 kg
	??6T?	???????67L075?????? ?	33500 kg
	??6T?	???????67L078?????? ?	33500 kg
	??6T?	???????67L080?????? ?	33500 kg



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Punto Item	Variante Variant	Versione Version	Descrizione Description
???	6T?	??????67L090???? ?	33500 kg
???	6T?	??????71J090???? ?	35100 kg
???	6T?	??????71K080???? ?	34100 kg
???	6T?	??????71K090???? ?	35500 kg
???	6T?	??????71K567???? ?	32000 kg
???	6T?	??????71K571???? ?	32800 kg
???	6T?	??????71K575???? ?	33600 kg
???	6T?	??????71K578???? ?	34200 kg
???	6T?	??????71K580???? ?	34600 kg
???	6T?	??????71K667???? ?	32100 kg
???	6T?	??????71K671???? ?	32900 kg
???	6T?	??????71K675???? ?	33700 kg
???	6T?	??????71K678???? ?	34300 kg
???	6T?	??????71K680???? ?	34700 kg
???	6T?	??????71L067???? ?	32500 kg
???	6T?	??????71L071???? ?	33300 kg
???	6T?	??????71L075???? ?	34100 kg
???	6T?	??????71L078???? ?	34700 kg
???	6T?	??????71L080???? ?	35100 kg
???	6T?	??????71L090???? ?	35500 kg
???	6T?	??????75J090???? ?	35500 kg
???	6T?	??????75K080???? ?	34500 kg
???	6T?	??????75K090???? ?	36000 kg
???	6T?	??????75K567???? ?	32400 kg
???	6T?	??????75K571???? ?	33200 kg
???	6T?	??????75K575???? ?	34000 kg
???	6T?	??????75K578???? ?	34600 kg
???	6T?	??????75K580???? ?	35000 kg
???	6T?	??????75K667???? ?	32500 kg
???	6T?	??????75K671???? ?	33300 kg
???	6T?	??????75K675???? ?	34100 kg
???	6T?	??????75K678???? ?	34700 kg
???	6T?	??????75K680???? ?	35100 kg
???	6T?	??????75L067???? ?	32900 kg
???	6T?	??????75L071???? ?	33700 kg
???	6T?	??????75L075???? ?	34500 kg
???	6T?	??????75L078???? ?	35100 kg
???	6T?	??????75L080???? ?	35500 kg



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Punto Item	Variante Variant	Versione Version	Descrizione Description
???	6T?	??????75L085???? ?	36000 kg
???	6T?	??????75L090???? ?	36000 kg
???	6T?	??????80J090???? ?	36000 kg
???	6T?	??????80K080???? ?	35000 kg
???	6T?	??????80K090???? ?	36000 kg
???	6T?	??????80K567???? ?	32900 kg
???	6T?	??????80K571???? ?	33700 kg
???	6T?	??????80K575???? ?	34500 kg
???	6T?	??????80K578???? ?	35100 kg
???	6T?	??????80K580???? ?	35500 kg
???	6T?	??????80K590???? ?	36000 kg
???	6T?	??????80K667???? ?	33000 kg
???	6T?	??????80K671???? ?	33800 kg
???	6T?	??????80K675???? ?	34600 kg
???	6T?	??????80K678???? ?	35200 kg
???	6T?	??????80K680???? ?	35600 kg
???	6T?	??????80L067???? ?	33400 kg
???	6T?	??????80L071???? ?	34200 kg
???	6T?	??????80L075???? ?	35000 kg
???	6T?	??????80L078???? ?	35600 kg
???	6T?	??????80L080???? ?	36000 kg
???	6T?	??????80L085???? ?	36000 kg
???	6T?	??????80L090???? ?	36000 kg
???	6T?	??????85J090???? ?	36000 kg
???	6T?	??????85K080???? ?	35500 kg
???	6T?	??????85K090???? ?	36000 kg
???	6T?	??????85K567???? ?	33400 kg
???	6T?	??????85K571???? ?	34200 kg
???	6T?	??????85K575???? ?	35000 kg
???	6T?	??????85K578???? ?	35600 kg
???	6T?	??????85K580???? ?	36000 kg
???	6T?	??????85K667???? ?	33500 kg
???	6T?	??????85K671???? ?	34300 kg
???	6T?	??????85K675???? ?	35100 kg
???	6T?	??????85K678???? ?	35700 kg
???	6T?	??????85K680???? ?	36000 kg
???	6T?	??????85L067???? ?	33900 kg
???	6T?	??????85L071???? ?	34700 kg



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Punto Item	Variante Variant	Versione Version	Descrizione Description
???	6T?	??????85L075???? ?	35500 kg
???	6T?	??????85L078???? ?	36000 kg
???	6T?	??????85L080???? ?	36000 kg
???	6T?	??????85L085???? ?	36000 kg
???	6T?	??????85L090???? ?	36000 kg
???	6T?	??????90J090???? ?	36000 kg
???	6T?	??????90K080???? ?	36000 kg
???	6T?	??????90K090???? ?	36000 kg
???	6T?	??????90K567???? ?	33900 kg
???	6T?	??????90K571???? ?	34700 kg
???	6T?	??????90K575???? ?	35500 kg
???	6T?	??????90K578???? ?	36000 kg
???	6T?	??????90K580???? ?	36000 kg
???	6T?	??????90K667???? ?	34000 kg
???	6T?	??????90K671???? ?	34800 kg
???	6T?	??????90K675???? ?	35600 kg
???	6T?	??????90K678???? ?	36000 kg
???	6T?	??????90K680???? ?	36000 kg
???	6T?	??????90L067???? ?	34400 kg
???	6T?	??????90L071???? ?	35200 kg
???	6T?	??????90L075???? ?	36000 kg
???	6T?	??????90L078???? ?	36000 kg
???	6T?	??????90L080???? ?	36000 kg
???	6T?	??????90L085???? ?	36000 kg
???	6T?	??????90L090???? ?	36000 kg
???	6T?	??????90M080???? ?	36000 kg
???	6T?	??????95J090???? ?	36000 kg
???	6T?	??????95K080???? ?	36000 kg
???	6T?	??????95K090???? ?	36000 kg
???	6T?	??????95K567???? ?	34400 kg
???	6T?	??????95K571???? ?	35200 kg
???	6T?	??????95K575???? ?	36000 kg
???	6T?	??????95K578???? ?	36000 kg
???	6T?	??????95K580???? ?	36000 kg
???	6T?	??????95K667???? ?	34500 kg
???	6T?	??????95K671???? ?	35300 kg
???	6T?	??????95K675???? ?	36000 kg
???	6T?	??????95K678???? ?	36000 kg



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Punto Item	Variante Variant	Versione Version	Descrizione Description
???	6T?	??????95K680???? ?	36000 kg
???	6T?	??????95L067???? ?	34900 kg
???	6T?	??????95L071???? ?	35700 kg
???	6T?	??????95L075???? ?	36000 kg
???	6T?	??????95L078???? ?	36000 kg
???	6T?	??????95L080???? ?	36000 kg
???	6T?	??????95L085???? ?	36000 kg
???	6T?	??????95L090???? ?	36000 kg
???	6T?	??????10J090???? ?	36000 kg
???	6T?	??????10K080???? ?	36000 kg
???	6T?	??????10K090???? ?	36000 kg
???	6T?	??????10K567???? ?	34900 kg
???	6T?	??????10K571???? ?	35700 kg
???	6T?	??????10K575???? ?	36000 kg
???	6T?	??????10K578???? ?	36000 kg
???	6T?	??????10K580???? ?	36000 kg
???	6T?	??????10K667???? ?	35000 kg
???	6T?	??????10K671???? ?	35800 kg
???	6T?	??????10K675???? ?	36000 kg
???	6T?	??????10K678???? ?	36000 kg
???	6T?	??????10K680???? ?	36000 kg
???	6T?	??????10L067???? ?	35400 kg
???	6T?	??????10L071???? ?	36000 kg
???	6T?	??????10L075???? ?	36000 kg
???	6T?	??????10L078???? ?	36000 kg
???	6T?	??????10L080???? ?	36000 kg
???	6T?	??????10L085???? ?	36000 kg
???	6T?	??????10L090???? ?	36000 kg
???	6T?	??????95M080???? ?	36000 kg
???	6T?	??????10M080???? ?	36000 kg



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Punto Item	Variante Variant	Versione Version	Descrizione Description				
			1°:	2°:	3°:	4°:	
2.9.	??6T?	??????67J090???? ?	6700	9000	10000	9000	kg
	??6T?	??????67K080???? ?	6700	8000	11000	8000	kg
	??6T?	??????67K090???? ?	6700	9000	11000	9000	kg
	??6T?	??????67K567???? ?	6700	6700	11500	6700	kg
	??6T?	??????67K571???? ?	6700	7100	11500	7100	kg
	??6T?	??????67K575???? ?	6700	7500	11500	7500	kg
	??6T?	??????67K578???? ?	6700	7800	11500	7800	kg
	??6T?	??????67K580???? ?	6700	8000	11500	8000	kg
	??6T?	??????67K667???? ?	6700	6700	11600	6700	kg
	??6T?	??????67K671???? ?	6700	7100	11600	7100	kg
	??6T?	??????67K675???? ?	6700	7500	11600	7500	kg
	??6T?	??????67K678???? ?	6700	7800	11600	7800	kg
	??6T?	??????67K680???? ?	6700	8000	11600	8000	kg
	??6T?	??????67L067???? ?	6700	6700	12000	6700	kg
	??6T?	??????67L071???? ?	6700	7100	12000	7100	kg
	??6T?	??????67L075???? ?	6700	7500	12000	7500	kg
	??6T?	??????67L078???? ?	6700	7800	12000	7800	kg
	??6T?	??????67L080???? ?	6700	8000	12000	8000	kg
	??6T?	??????67L090???? ?	6700	9000	12000	9000	kg
	??6T?	??????71J090???? ?	7100	9000	10000	9000	kg
	??6T?	??????71K080???? ?	7100	8000	11000	8000	kg
	??6T?	??????71K090???? ?	7100	9000	11000	9000	kg
	??6T?	??????71K567???? ?	7100	6700	11500	6700	kg
	??6T?	??????71K571???? ?	7100	7100	11500	7100	kg
	??6T?	??????71K575???? ?	7100	7500	11500	7500	kg
	??6T?	??????71K578???? ?	7100	7800	11500	7800	kg
	??6T?	??????71K580???? ?	7100	8000	11500	8000	kg
	??6T?	??????71K667???? ?	7100	6700	11600	6700	kg
	??6T?	??????71K671???? ?	7100	7100	11600	7100	kg
	??6T?	??????71K675???? ?	7100	7500	11600	7500	kg
	??6T?	??????71K678???? ?	7100	7800	11600	7800	kg
	??6T?	??????71K680???? ?	7100	8000	11600	8000	kg
	??6T?	??????71L067???? ?	7100	6700	12000	6700	kg
	??6T?	??????71L071???? ?	7100	7100	12000	7100	kg
	??6T?	??????71L075???? ?	7100	7500	12000	7500	kg
	??6T?	??????71L078???? ?	7100	7800	12000	7800	kg
	??6T?	??????71L080???? ?	7100	8000	12000	8000	kg



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Punto Item	Variante Variant	Versione Version	Descrizione Description					
??6T?	??????71L090?????	7100	9000	12000	9000	kg		
??6T?	??????75J090?????	7500	9000	10000	9000	kg		
??6T?	??????75K080?????	7500	8000	11000	8000	kg		
??6T?	??????75K090?????	7500	9000	11000	9000	kg		
??6T?	??????75K567?????	7500	6700	11500	6700	kg		
??6T?	??????75K571?????	7500	7100	11500	7100	kg		
??6T?	??????75K575?????	7500	7500	11500	7500	kg		
??6T?	??????75K578?????	7500	7800	11500	7800	kg		
??6T?	??????75K580?????	7500	8000	11500	8000	kg		
??6T?	??????75K667?????	7500	6700	11600	6700	kg		
??6T?	??????75K671?????	7500	7100	11600	7100	kg		
??6T?	??????75K675?????	7500	7500	11600	7500	kg		
??6T?	??????75K678?????	7500	7800	11600	7800	kg		
??6T?	??????75K680?????	7500	8000	11600	8000	kg		
??6T?	??????75L067?????	7500	6700	12000	6700	kg		
??6T?	??????75L071?????	7500	7100	12000	7100	kg		
??6T?	??????75L075?????	7500	7500	12000	7500	kg		
??6T?	??????75L078?????	7500	7800	12000	7800	kg		
??6T?	??????75L080?????	7500	8000	12000	8000	kg		
??6T?	??????75L085?????	7500	8500	12000	8500	kg		
??6T?	??????75L090?????	7500	9000	12000	9000	kg		
??6T?	??????80J090?????	8000	9000	10000	9000	kg		
??6T?	??????80K080?????	8000	8000	11000	8000	kg		
??6T?	??????80K090?????	8000	9000	11000	9000	kg		
??6T?	??????80K567?????	8000	6700	11500	6700	kg		
??6T?	??????80K571?????	8000	7100	11500	7100	kg		
??6T?	??????80K575?????	8000	7500	11500	7500	kg		
??6T?	??????80K578?????	8000	7800	11500	7800	kg		
??6T?	??????80K580?????	8000	8000	11500	8000	kg		
??6T?	??????80K590?????	8000	9000	11500	9000	kg		
??6T?	??????80K667?????	8000	6700	11600	6700	kg		
??6T?	??????80K671?????	8000	7100	11600	7100	kg		
??6T?	??????80K675?????	8000	7500	11600	7500	kg		
??6T?	??????80K678?????	8000	7800	11600	7800	kg		
??6T?	??????80K680?????	8000	8000	11600	8000	kg		
??6T?	??????80L067?????	8000	6700	12000	6700	kg		
??6T?	??????80L071?????	8000	7100	12000	7100	kg		
??6T?	??????80L075?????	8000	7500	12000	7500	kg		



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Punto Item	Variante Variant	Versione Version	Descrizione Description					
???	6T?	??????80L078?????	8000	7800	12000	7800	kg	
???	6T?	??????80L080?????	8000	8000	12000	8000	kg	
???	6T?	??????80L085?????	8000	8500	12000	8500	kg	
???	6T?	??????80L090?????	8000	9000	12000	9000	kg	
???	6T?	??????85J090?????	8500	9000	10000	9000	kg	
???	6T?	??????85K080?????	8500	8000	11000	8000	kg	
???	6T?	??????85K090?????	8500	9000	11000	9000	kg	
???	6T?	??????85K567?????	8500	6700	11500	6700	kg	
???	6T?	??????85K571?????	8500	7100	11500	7100	kg	
???	6T?	??????85K575?????	8500	7500	11500	7500	kg	
???	6T?	??????85K578?????	8500	7800	11500	7800	kg	
???	6T?	??????85K580?????	8500	8000	11500	8000	kg	
???	6T?	??????85K667?????	8500	6700	11600	6700	kg	
???	6T?	??????85K671?????	8500	7100	11600	7100	kg	
???	6T?	??????85K675?????	8500	7500	11600	7500	kg	
???	6T?	??????85K678?????	8500	7800	11600	7800	kg	
???	6T?	??????85K680?????	8500	8000	11600	8000	kg	
???	6T?	??????85L067?????	8500	6700	12000	6700	kg	
???	6T?	??????85L071?????	8500	7100	12000	7100	kg	
???	6T?	??????85L075?????	8500	7500	12000	7500	kg	
???	6T?	??????85L078?????	8500	7800	12000	7800	kg	
???	6T?	??????85L080?????	8500	8000	12000	8000	kg	
???	6T?	??????85L085?????	8500	8500	12000	8500	kg	
???	6T?	??????85L090?????	8500	9000	12000	9000	kg	
???	6T?	??????90J090?????	9000	9000	10000	9000	kg	
???	6T?	??????90K080?????	9000	8000	11000	8000	kg	
???	6T?	??????90K090?????	9000	9000	11000	9000	kg	
???	6T?	??????90K567?????	9000	6700	11500	6700	kg	
???	6T?	??????90K571?????	9000	7100	11500	7100	kg	
???	6T?	??????90K575?????	9000	7500	11500	7500	kg	
???	6T?	??????90K578?????	9000	7800	11500	7800	kg	
???	6T?	??????90K580?????	9000	8000	11500	8000	kg	
???	6T?	??????90K667?????	9000	6700	11600	6700	kg	
???	6T?	??????90K671?????	9000	7100	11600	7100	kg	
???	6T?	??????90K675?????	9000	7500	11600	7500	kg	
???	6T?	??????90K678?????	9000	7800	11600	7800	kg	
???	6T?	??????90K680?????	9000	8000	11600	8000	kg	
???	6T?	??????90L067?????	9000	6700	12000	6700	kg	



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??6T?	??????90L071?????	?	9000	7100	12000	7100	kg	
??6T?	??????90L075?????	?	9000	7500	12000	7500	kg	
??6T?	??????90L078?????	?	9000	7800	12000	7800	kg	
??6T?	??????90L080?????	?	9000	8000	12000	8000	kg	
??6T?	??????90L085?????	?	9000	8500	12000	8500	kg	
??6T?	??????90L090?????	?	9000	9000	12000	9000	kg	
??6T?	??????90M080?????	?	9000	8000	13000	8000	kg	
??6T?	??????95J090?????	?	9500	9000	10000	9000	kg	
??6T?	??????95K080?????	?	9500	8000	11000	8000	kg	
??6T?	??????95K090?????	?	9500	9000	11000	9000	kg	
??6T?	??????95K567?????	?	9500	6700	11500	6700	kg	
??6T?	??????95K571?????	?	9500	7100	11500	7100	kg	
??6T?	??????95K575?????	?	9500	7500	11500	7500	kg	
??6T?	??????95K578?????	?	9500	7800	11500	7800	kg	
??6T?	??????95K580?????	?	9500	8000	11500	8000	kg	
??6T?	??????95K667?????	?	9500	6700	11600	6700	kg	
??6T?	??????95K671?????	?	9500	7100	11600	7100	kg	
??6T?	??????95K675?????	?	9500	7500	11600	7500	kg	
??6T?	??????95K678?????	?	9500	7800	11600	7800	kg	
??6T?	??????95K680?????	?	9500	8000	11600	8000	kg	
??6T?	??????95L067?????	?	9500	6700	12000	6700	kg	
??6T?	??????95L071?????	?	9500	7100	12000	7100	kg	
??6T?	??????95L075?????	?	9500	7500	12000	7500	kg	
??6T?	??????95L078?????	?	9500	7800	12000	7800	kg	
??6T?	??????95L080?????	?	9500	8000	12000	8000	kg	
??6T?	??????95L085?????	?	9500	8500	12000	8500	kg	
??6T?	??????95L090?????	?	9500	9000	12000	9000	kg	
??6T?	??????10J090?????	?	10000	9000	10000	9000	kg	
??6T?	??????10K080?????	?	10000	8000	11000	8000	kg	
??6T?	??????10K090?????	?	10000	9000	11000	9000	kg	
??6T?	??????10K567?????	?	10000	6700	11500	6700	kg	
??6T?	??????10K571?????	?	10000	7100	11500	7100	kg	
??6T?	??????10K575?????	?	10000	7500	11500	7500	kg	
??6T?	??????10K578?????	?	10000	7800	11500	7800	kg	
??6T?	??????10K580?????	?	10000	8000	11500	8000	kg	
??6T?	??????10K667?????	?	10000	6700	11600	6700	kg	
??6T?	??????10K671?????	?	10000	7100	11600	7100	kg	
??6T?	??????10K675?????	?	10000	7500	11600	7500	kg	



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	??6T?	??????10K678???? ?	10000	7800	11600	7800	kg
	??6T?	??????10K680???? ?	10000	8000	11600	8000	kg
	??6T?	??????10L067???? ?	10000	6700	12000	6700	kg
	??6T?	??????10L071???? ?	10000	7100	12000	7100	kg
	??6T?	??????10L075???? ?	10000	7500	12000	7500	kg
	??6T?	??????10L078???? ?	10000	7800	12000	7800	kg
	??6T?	??????10L080???? ?	10000	8000	12000	8000	kg
	??6T?	??????10L085???? ?	10000	8500	12000	8500	kg
	??6T?	??????10L090???? ?	10000	9000	12000	9000	kg
	??6T?	??????95M080???? ?	9500	8000	13000	8000	kg
	??6T?	??????10M080???? ?	10000	8000	13000	8000	kg
			1°:		2°+3°+4°:		
2.10.	??6T?	??????67J090???? ?	6700	kg	26800	kg	
	??6T?	??????67K080???? ?	6700	kg	26800	kg	
	??6T?	??????67K090???? ?	6700	kg	26800	kg	
	??6T?	??????67K567???? ?	6700	kg	24900	kg	
	??6T?	??????67K571???? ?	6700	kg	25700	kg	
	??6T?	??????67K575???? ?	6700	kg	26500	kg	
	??6T?	??????67K578???? ?	6700	kg	26800	kg	
	??6T?	??????67K580???? ?	6700	kg	26800	kg	
	??6T?	??????67K667???? ?	6700	kg	25000	kg	
	??6T?	??????67K671???? ?	6700	kg	25800	kg	
	??6T?	??????67K675???? ?	6700	kg	26600	kg	
	??6T?	??????67K678???? ?	6700	kg	26800	kg	
	??6T?	??????67K680???? ?	6700	kg	26800	kg	
	??6T?	??????67L067???? ?	6700	kg	25400	kg	
	??6T?	??????67L071???? ?	6700	kg	26200	kg	
	??6T?	??????67L075???? ?	6700	kg	26800	kg	
	??6T?	??????67L078???? ?	6700	kg	26800	kg	
	??6T?	??????67L080???? ?	6700	kg	26800	kg	
	??6T?	??????67L090???? ?	6700	kg	26800	kg	
	??6T?	??????71J090???? ?	7100	kg	28000	kg	
	??6T?	??????71K080???? ?	7100	kg	27000	kg	
	??6T?	??????71K090???? ?	7100	kg	28400	kg	
	??6T?	??????71K567???? ?	7100	kg	24900	kg	
	??6T?	??????71K571???? ?	7100	kg	25700	kg	
	??6T?	??????71K575???? ?	7100	kg	26500	kg	



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	??6T?	??????71K578???? ?	7100 kg	27100	kg		
	??6T?	??????71K580???? ?	7100 kg	27500	kg		
	??6T?	??????71K667???? ?	7100 kg	25000	kg		
	??6T?	??????71K671???? ?	7100 kg	25800	kg		
	??6T?	??????71K675???? ?	7100 kg	26600	kg		
	??6T?	??????71K678???? ?	7100 kg	27200	kg		
	??6T?	??????71K680???? ?	7100 kg	27600	kg		
	??6T?	??????71L067???? ?	7100 kg	25400	kg		
	??6T?	??????71L071???? ?	7100 kg	26200	kg		
	??6T?	??????71L075???? ?	7100 kg	27000	kg		
	??6T?	??????71L078???? ?	7100 kg	27600	kg		
	??6T?	??????71L080???? ?	7100 kg	28000	kg		
	??6T?	??????71L090???? ?	7100 kg	28400	kg		
	??6T?	??????75J090???? ?	7500 kg	28000	kg		
	??6T?	??????75K080???? ?	7500 kg	27000	kg		
	??6T?	??????75K090???? ?	7500 kg	28800	kg		
	??6T?	??????75K567???? ?	7500 kg	24900	kg		
	??6T?	??????75K571???? ?	7500 kg	25700	kg		
	??6T?	??????75K575???? ?	7500 kg	26500	kg		
	??6T?	??????75K578???? ?	7500 kg	27100	kg		
	??6T?	??????75K580???? ?	7500 kg	27500	kg		
	??6T?	??????75K667???? ?	7500 kg	25000	kg		
	??6T?	??????75K671???? ?	7500 kg	25800	kg		
	??6T?	??????75K675???? ?	7500 kg	26600	kg		
	??6T?	??????75K678???? ?	7500 kg	27200	kg		
	??6T?	??????75K680???? ?	7500 kg	27600	kg		
	??6T?	??????75L067???? ?	7500 kg	25400	kg		
	??6T?	??????75L071???? ?	7500 kg	26200	kg		
	??6T?	??????75L075???? ?	7500 kg	27000	kg		
	??6T?	??????75L078???? ?	7500 kg	27600	kg		
	??6T?	??????75L080???? ?	7500 kg	28000	kg		
	??6T?	??????75L085???? ?	7500 kg	28800	kg		
	??6T?	??????75L090???? ?	7500 kg	28800	kg		
	??6T?	??????80J090???? ?	8000 kg	28000	kg		
	??6T?	??????80K080???? ?	8000 kg	27000	kg		
	??6T?	??????80K090???? ?	8000 kg	28800	kg		
	??6T?	??????80K567???? ?	8000 kg	24900	kg		
	??6T?	??????80K571???? ?	8000 kg	25700	kg		



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Punto Item	Variante Variant	Versione Version	Descrizione Description			
???	6T?	??????80K575?????	8000	kg	26500	kg
???	6T?	??????80K578?????	8000	kg	27100	kg
???	6T?	??????80K580?????	8000	kg	27500	kg
???	6T?	??????80K590?????	8000	kg	28800	kg
???	6T?	??????80K667?????	8000	kg	25000	kg
???	6T?	??????80K671?????	8000	kg	25800	kg
???	6T?	??????80K675?????	8000	kg	26600	kg
???	6T?	??????80K678?????	8000	kg	27200	kg
???	6T?	??????80K680?????	8000	kg	27600	kg
???	6T?	??????80L067?????	8000	kg	25400	kg
???	6T?	??????80L071?????	8000	kg	26200	kg
???	6T?	??????80L075?????	8000	kg	27000	kg
???	6T?	??????80L078?????	8000	kg	27600	kg
???	6T?	??????80L080?????	8000	kg	28000	kg
???	6T?	??????80L085?????	8000	kg	28800	kg
???	6T?	??????80L090?????	8000	kg	28800	kg
???	6T?	??????85J090?????	8500	kg	28000	kg
???	6T?	??????85K080?????	8500	kg	27000	kg
???	6T?	??????85K090?????	8500	kg	28800	kg
???	6T?	??????85K567?????	8500	kg	24900	kg
???	6T?	??????85K571?????	8500	kg	25700	kg
???	6T?	??????85K575?????	8500	kg	26500	kg
???	6T?	??????85K578?????	8500	kg	27100	kg
???	6T?	??????85K580?????	8500	kg	27500	kg
???	6T?	??????85K667?????	8500	kg	25000	kg
???	6T?	??????85K671?????	8500	kg	25800	kg
???	6T?	??????85K675?????	8500	kg	26600	kg
???	6T?	??????85K678?????	8500	kg	27200	kg
???	6T?	??????85K680?????	8500	kg	27600	kg
???	6T?	??????85L067?????	8500	kg	25400	kg
???	6T?	??????85L071?????	8500	kg	26200	kg
???	6T?	??????85L075?????	8500	kg	27000	kg
???	6T?	??????85L078?????	8500	kg	27600	kg
???	6T?	??????85L080?????	8500	kg	28000	kg
???	6T?	??????85L085?????	8500	kg	28800	kg
???	6T?	??????85L090?????	8500	kg	28800	kg
???	6T?	??????90J090?????	9000	kg	28000	kg
???	6T?	??????90K080?????	9000	kg	27000	kg



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???	6T?	??????90K090???? ?	9000 kg 28800 kg
???	6T?	??????90K567???? ?	9000 kg 24900 kg
???	6T?	??????90K571???? ?	9000 kg 25700 kg
???	6T?	??????90K575???? ?	9000 kg 26500 kg
???	6T?	??????90K578???? ?	9000 kg 27100 kg
???	6T?	??????90K580???? ?	9000 kg 27500 kg
???	6T?	??????90K667???? ?	9000 kg 25000 kg
???	6T?	??????90K671???? ?	9000 kg 25800 kg
???	6T?	??????90K675???? ?	9000 kg 26600 kg
???	6T?	??????90K678???? ?	9000 kg 27200 kg
???	6T?	??????90K680???? ?	9000 kg 27600 kg
???	6T?	??????90L067???? ?	9000 kg 25400 kg
???	6T?	??????90L071???? ?	9000 kg 26200 kg
???	6T?	??????90L075???? ?	9000 kg 27000 kg
???	6T?	??????90L078???? ?	9000 kg 27600 kg
???	6T?	??????90L080???? ?	9000 kg 28000 kg
???	6T?	??????90L085???? ?	9000 kg 28800 kg
???	6T?	??????90L090???? ?	9000 kg 28800 kg
???	6T?	??????90M080???? ?	9000 kg 28800 kg
???	6T?	??????95J090???? ?	9500 kg 28000 kg
???	6T?	??????95K080???? ?	9500 kg 27000 kg
???	6T?	??????95K090???? ?	9500 kg 28800 kg
???	6T?	??????95K567???? ?	9500 kg 24900 kg
???	6T?	??????95K571???? ?	9500 kg 25700 kg
???	6T?	??????95K575???? ?	9500 kg 26500 kg
???	6T?	??????95K578???? ?	9500 kg 27100 kg
???	6T?	??????95K580???? ?	9500 kg 27500 kg
???	6T?	??????95K667???? ?	9500 kg 25000 kg
???	6T?	??????95K671???? ?	9500 kg 25800 kg
???	6T?	??????95K675???? ?	9500 kg 26600 kg
???	6T?	??????95K678???? ?	9500 kg 27200 kg
???	6T?	??????95K680???? ?	9500 kg 27600 kg
???	6T?	??????95L067???? ?	9500 kg 25400 kg
???	6T?	??????95L071???? ?	9500 kg 26200 kg
???	6T?	??????95L075???? ?	9500 kg 27000 kg
???	6T?	??????95L078???? ?	9500 kg 27600 kg
???	6T?	??????95L080???? ?	9500 kg 28000 kg
???	6T?	??????95L085???? ?	9500 kg 28800 kg



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Punto Item	Variante Variant	Versione Version	Descrizione Description
???	6T?	??????95L090???? ?	9500 kg 28800 kg
???	6T?	??????10J090???? ?	10000 kg 28000 kg
???	6T?	??????10K080???? ?	10000 kg 27000 kg
???	6T?	??????10K090???? ?	10000 kg 28800 kg
???	6T?	??????10K567???? ?	10000 kg 24900 kg
???	6T?	??????10K571???? ?	10000 kg 25700 kg
???	6T?	??????10K575???? ?	10000 kg 26500 kg
???	6T?	??????10K578???? ?	10000 kg 27100 kg
???	6T?	??????10K580???? ?	10000 kg 27500 kg
???	6T?	??????10K667???? ?	10000 kg 25000 kg
???	6T?	??????10K671???? ?	10000 kg 25800 kg
???	6T?	??????10K675???? ?	10000 kg 26600 kg
???	6T?	??????10K678???? ?	10000 kg 27200 kg
???	6T?	??????10K680???? ?	10000 kg 27600 kg
???	6T?	??????10L067???? ?	10000 kg 25400 kg
???	6T?	??????10L071???? ?	10000 kg 26200 kg
???	6T?	??????10L075???? ?	10000 kg 27000 kg
???	6T?	??????10L078???? ?	10000 kg 27600 kg
???	6T?	??????10L080???? ?	10000 kg 28000 kg
???	6T?	??????10L085???? ?	10000 kg 28800 kg
???	6T?	??????10L090???? ?	10000 kg 28800 kg
???	6T?	??????95M080???? ?	9500 kg 28800 kg
???	6T?	??????10M080???? ?	10000 kg 28800 kg



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Punto Item	Variante Variant	Versione Version	Descrizione Description					
			Dimensione Size	Indice di carico minimo Load capacity index	Indice di velocità Speed index	Cerchio Rim size	Campanatura Offset(s)	Coefficiente di resistenza al rotolamento Rolling resistance coefficient
			6.6.1.1.1.1.	6.6.1.1.1.2.	6.6.1.1.1.3.	6.6.1.1.1.4.	6.6.1.1.1.5.	6.6.1.1.1.6.
6.6.1.1.1.	??????	N??????67?????????? ?	11 R22,5	150 / ---	G	7,50 - 8,25	160 - 170	C3
			12 R22,5	150 / ---	G	8,25 - 9,00	168 - 176	
			13 R22,5	150 / ---	G	9,00 - 9,75	176	
			295/60 R22,5	150 / ---	G	9,00 - 9,75	176	
			295/80 R22,5	150 / ---	G	8,25 - 9,00	168 - 176	
			315/60 R22,5	150 / ---	G	9,00 - 9,75	176	
			315/70 R22,5	150 / ---	G	9,00 - 9,75	175 - 176	
			315/80 R22,5	150 / ---	G	9,00 - 9,75	176	
			355/50 R22,5	150 / ---	G	11,75 - 12,25	120	
			385/55 R22,5	150 / ---	G	11,75 - 12,25	120	
			385/65 R22,5	150 / ---	G	11,75 - 12,25	120	
	??????	N??????71?????????? ?	12 R22,5	152 / ---	G	8,25 - 9,00	168 - 176	
			13 R22,5	152 / ---	G	9,00 - 9,75	176	
			295/80 R22,5	152 / ---	G	8,25 - 9,00	168 - 176	
			315/60 R22,5	152 / ---	G	9,00 - 9,75	176	
			315/70 R22,5	152 / ---	G	9,00 - 9,75	175 - 176	
			315/80 R22,5	152 / ---	G	9,00 - 9,75	176	
			355/50 R22,5	152 / ---	G	11,75 - 12,25	120	
			385/55 R22,5	152 / ---	G	11,75 - 12,25	120	
			385/65 R22,5	152 / ---	G	11,75 - 12,25	120	
	??????	N??????75?????????? ?	12 R22,5	154 / ---	G	8,25 - 9,00	168 - 176	
			13 R22,5	154 / ---	G	9,00 - 9,75	176	
			295/80 R22,5	154 / ---	G	8,25 - 9,00	168 - 176	
			315/60 R22,5	154 / ---	G	9,00 - 9,75	176	
			315/70 R22,5	154 / ---	G	9,00 - 9,75	175 - 176	
			315/80 R22,5	154 / ---	G	9,00 - 9,75	176	
			355/50 R22,5	154 / ---	G	11,75 - 12,25	120	
			385/55 R22,5	154 / ---	G	11,75 - 12,25	120	
			385/65 R22,5	154 / ---	G	11,75 - 12,25	120	



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??????	N??????80?????????? ?	12 R22,5	156 / ---	G	8,25 - 9,00	168 - 176	C3
		13 R22,5	156 / ---	G	9,00 - 9,75	176	
		295/80 R22,5	156 / ---	G	8,25 - 9,00	168 - 176	
		315/70 R22,5	156 / ---	G	9,00 - 9,75	175 - 176	
		315/80 R22,5	156 / ---	G	9,00 - 9,75	176	
		355/50 R22,5	156 / ---	G	11,75 - 12,25	120	
		385/55 R22,5	156 / ---	G	11,75 - 12,25	120	
		385/65 R22,5	156 / ---	G	11,75 - 12,25	120	
??????	N??????85?????????? ?	13 R22,5	158 / ---	G	9,00 - 9,75	176	
		315/80 R22,5	158 / ---	G	11,75 - 12,25	120	
		385/55 R22,5	158 / ---	G	11,75 - 12,25	120	
		385/65 R22,5	158 / ---	G	11,75 - 12,25	120	
??????	N??????90?????????? ?	385/55 R22,5	160 / ---	G	11,75 - 12,25	120	
		385/65 R22,5	160 / ---	G	11,75 - 12,25	120	
??????	N??????95?????????? ?	385/65 R22,5	162 / ---	G	11,75 - 12,25	120	
??????	N??????10?????????? ?	385/65 R22,5	164 / ---	G	11,75 - 12,25	120	

Dimensione	Indice di carico minimo	Indice di velocità	Cerchio	Campanatura	Coefficiente di resistenza al rotolamento
Size	Load capacity index	Speed index	Rim size	Offset(s)	Rolling resistance coefficient
6.6.1.1.2.1.	6.6.1.1.2.2.	6.6.1.1.2.3.	6.6.1.1.2.4.	6.6.1.1.2.5.	6.6.1.1.2.6.

6.6.1.1.2.

??????	N??????????67?????? ?	11 R22,5	150 / ---	G	7,50 - 8,25	160 - 170	C3
		12 R22,5	150 / ---	G	8,25 - 9,00	168 - 176	
		13 R22,5	150 / ---	G	9,00 - 9,75	176	
		295/60 R22,5	150 / ---	G	9,00 - 9,75	176	
		295/80 R22,5	150 / ---	G	8,25 - 9,00	168 - 176	
		315/60 R22,5	150 / ---	G	9,00 - 9,75	176	
		315/70 R22,5	150 / ---	G	9,00 - 9,75	175 - 176	
		315/80 R22,5	150 / ---	G	9,00 - 9,75	176	
		355/50 R22,5	150 / ---	G	11,75 - 12,25	120	
		385/55 R22,5	150 / ---	G	11,75 - 12,25	120	
		385/65 R22,5	150 / ---	G	11,75 - 12,25	120	



SCHEDA INFORMATIVA INFORMATION DOCUMENT

All n°
Annex Nr
del
of

2
17.10.2023

??????	N??????????71?????? ?	12 R22,5	152 / ---	G	8,25 - 9,00	168 - 176	C3
		13 R22,5	152 / ---	G	9,00 - 9,75	176	
		295/80 R22,5	152 / ---	G	8,25 - 9,00	168 - 176	
		315/60 R22,5	152 / ---	G	9,00 - 9,75	176	
		315/70 R22,5	152 / ---	G	9,00 - 9,75	175 - 176	
		315/80 R22,5	152 / ---	G	9,00 - 9,75	176	
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		12 R22,5	154 / ---	G	8,25 - 9,00	168 - 176	
		13 R22,5	154 / ---	G	9,00 - 9,75	176	
		295/80 R22,5	154 / ---	G	8,25 - 9,00	168 - 176	
		315/60 R22,5	154 / ---	G	9,00 - 9,75	176	
		315/70 R22,5	154 / ---	G	9,00 - 9,75	175 - 176	
		315/80 R22,5	154 / ---	G	9,00 - 9,75	176	
		355/50 R22,5	154 / ---	G	11,75 - 12,25	120	
??????	N??????????78?????? ?	385/55 R22,5	154 / ---	G	11,75 - 12,25	120	
		385/65 R22,5	154 / ---	G	11,75 - 12,25	120	
		12 R22,5	156 / ---	G	8,25 - 9,00	168 - 176	
		13 R22,5	156 / ---	G	9,00 - 9,75	176	
		295/80 R22,5	156 / ---	G	8,25 - 9,00	168 - 176	
		315/70 R22,5	156 / ---	G	9,00 - 9,75	175 - 176	
		315/80 R22,5	156 / ---	G	9,00 - 9,75	176	
		355/50 R22,5	156 / ---	G	11,75 - 12,25	120	
??????	N??????????80?????? ?	385/55 R22,5	156 / ---	G	11,75 - 12,25	120	
		385/65 R22,5	156 / ---	G	11,75 - 12,25	120	
		12 R22,5	156 / ---	G	8,25 - 9,00	168 - 176	
		13 R22,5	156 / ---	G	9,00 - 9,75	176	
		295/80 R22,5	156 / ---	G	8,25 - 9,00	168 - 176	
		315/70 R22,5	156 / ---	G	9,00 - 9,75	175 - 176	
		315/80 R22,5	156 / ---	G	9,00 - 9,75	176	
		355/50 R22,5	156 / ---	G	11,75 - 12,25	120	



SCHEDA INFORMATIVA INFORMATION DOCUMENT

All n° 2
Annex Nr
del
of 17.10.2023

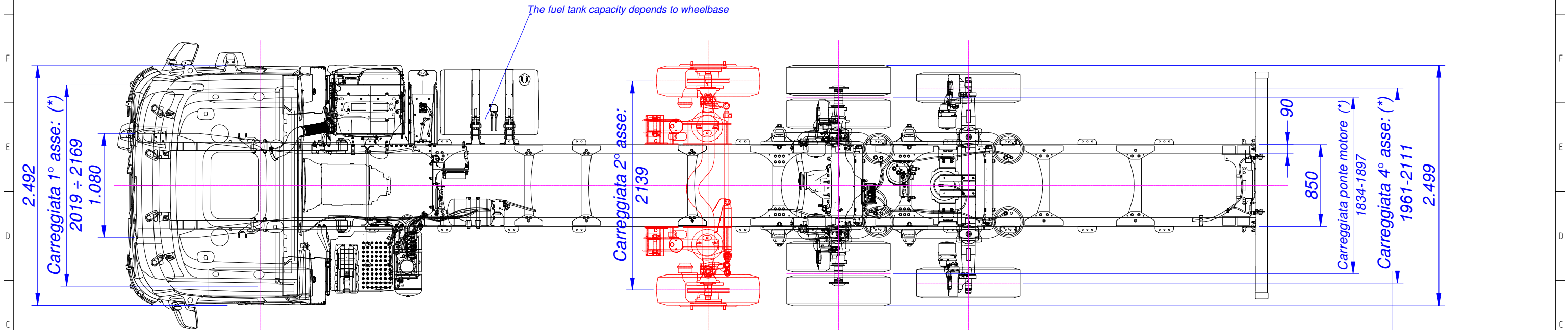
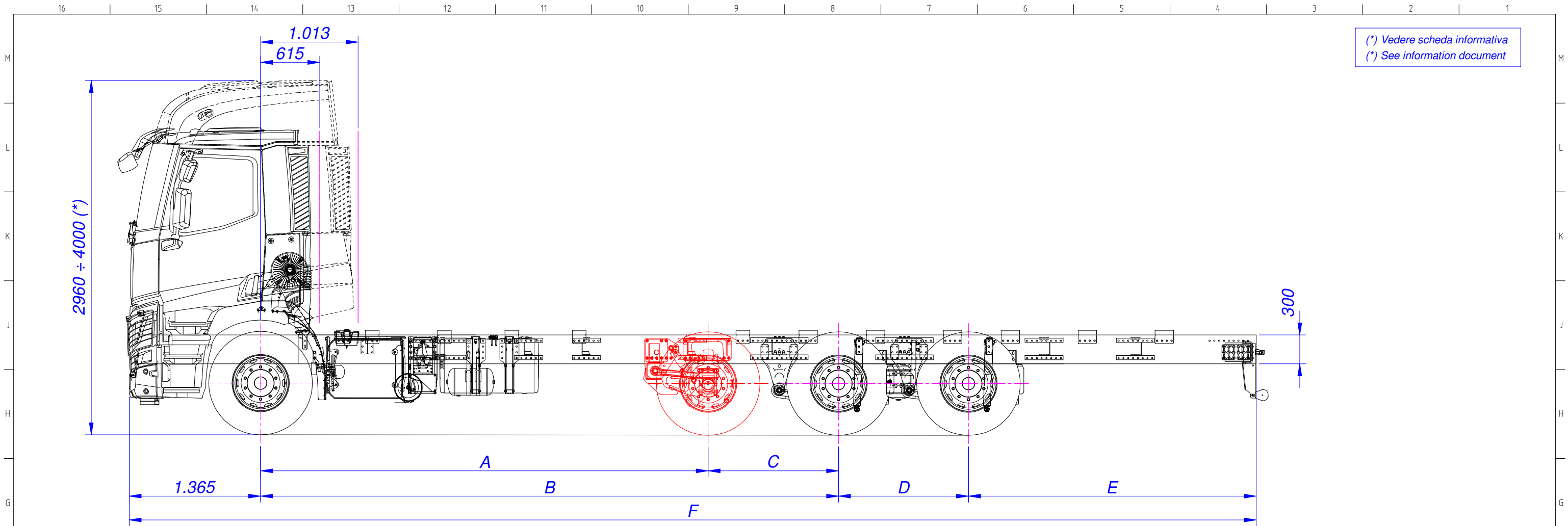
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			385/65 R22,5	160 / ---	G	11,75 - 12,25	120	
			Dimensione	Indice di carico minimo	Indice di velocità	Cerchio	Campanatura	Coefficiente di resistenza al rotolamento
			Size	Load capacity index	Speed index	Rim size	Offset(s)	Rolling resistance coefficient
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6.6.1.1.3.	??????	N?????????J080?????? ?	11 R22,5	--- / 140	G	7,50 - 8,25	160 - 170	C3
			12 R22,5	--- / 140	G	8,25 - 9,00	168 - 176	
			13 R22,5	--- / 140	G	9,00 - 9,75	176	
			295/60 R22,5	--- / 140	G	9,00 - 9,75	176	
			295/80 R22,5	--- / 140	G	8,25 - 9,00	168 - 176	
			315/60 R22,5	--- / 140	G	9,00 - 9,75	176	
			315/70 R22,5	--- / 140	G	9,00 - 9,75	175 - 176	
			315/80 R22,5	--- / 140	G	9,00 - 9,75	176	
	??????	N?????????K0????????? ?	11 R22,5	--- / 144	G	7,50 - 8,25	160 - 170	
			12 R22,5	--- / 144	G	8,25 - 9,00	168 - 176	
			13 R22,5	--- / 144	G	9,00 - 9,75	176	
			295/60 R22,5	--- / 144	G	9,00 - 9,75	176	
			295/80 R22,5	--- / 144	G	8,25 - 9,00	168 - 176	
			315/60 R22,5	--- / 144	G	9,00 - 9,75	176	
			315/70 R22,5	--- / 144	G	9,00 - 9,75	175 - 176	
			315/80 R22,5	--- / 144	G	9,00 - 9,75	176	
	??????	N?????????K5????????? ?	11 R22,5	--- / 145	G	7,50 - 8,25	160 - 170	
			12 R22,5	--- / 145	G	8,25 - 9,00	168 - 176	
			13 R22,5	--- / 145	G	9,00 - 9,75	176	
			295/60 R22,5	--- / 145	G	9,00 - 9,75	176	
			295/80 R22,5	--- / 145	G	8,25 - 9,00	168 - 176	
			315/60 R22,5	--- / 145	G	9,00 - 9,75	176	
			315/70 R22,5	--- / 145	G	9,00 - 9,75	175 - 176	
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SCHEDA INFORMATIVA INFORMATION DOCUMENT

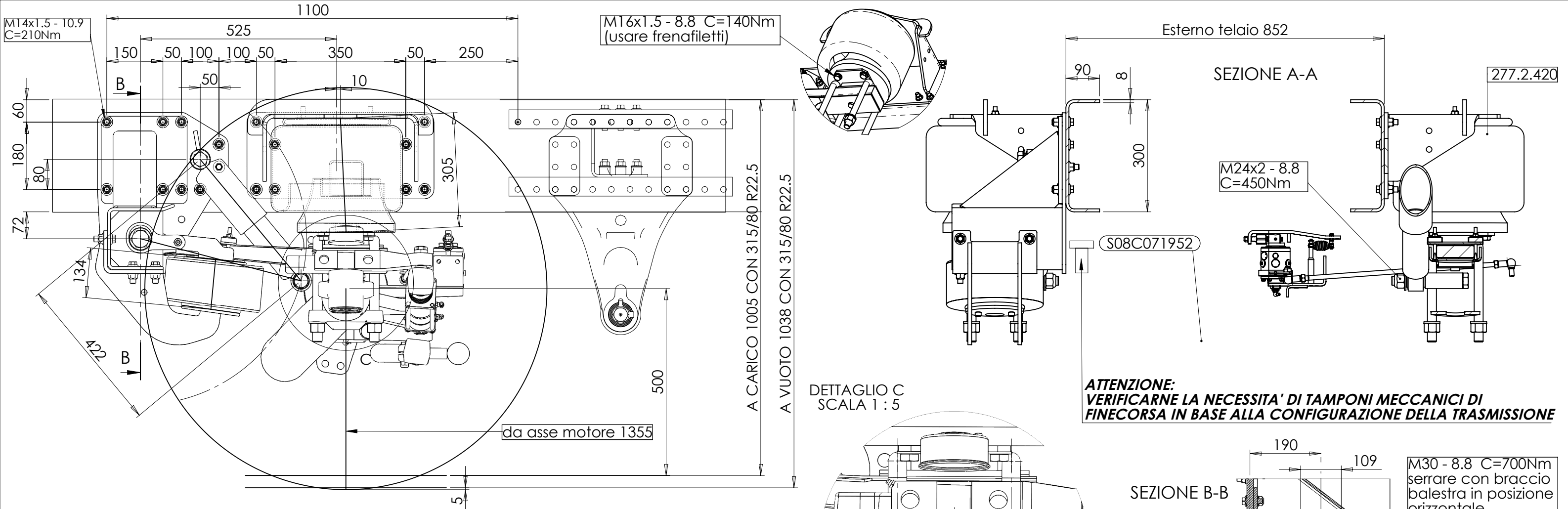
All n° 2
Annex Nr
del 17.10.2023
of

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		12 R22,5	--- / 145	G	8,25 - 9,00	168 - 176	
		13 R22,5	--- / 145	G	9,00 - 9,75	176	
		295/60 R22,5	--- / 145	G	9,00 - 9,75	176	
		295/80 R22,5	--- / 145	G	8,25 - 9,00	168 - 176	
		315/60 R22,5	--- / 145	G	9,00 - 9,75	176	
		315/70 R22,5	--- / 145	G	9,00 - 9,75	175 - 176	
		315/80 R22,5	--- / 145	G	9,00 - 9,75	176	
??????	N????????L0???????? ?	12 R22,5	--- / 146	G	8,25 - 9,00	168 - 176	
		13 R22,5	--- / 146	G	9,00 - 9,75	176	
		295/60 R22,5	--- / 146	G	9,00 - 9,75	176	
		295/80 R22,5	--- / 146	G	8,25 - 9,00	168 - 176	
		315/60 R22,5	--- / 146	G	9,00 - 9,75	176	
		315/70 R22,5	--- / 146	G	9,00 - 9,75	175 - 176	
		315/80 R22,5	--- / 146	G	9,00 - 9,75	176	
??????	N????????M0???????? ?	12 R22,5	--- / 149	G	8,25 - 9,00	168 - 176	
		13 R22,5	--- / 149	G	9,00 - 9,75	176	
		295/80 R22,5	--- / 149	G	8,25 - 9,00	168 - 176	
		315/60 R22,5	--- / 149	G	9,00 - 9,75	176	
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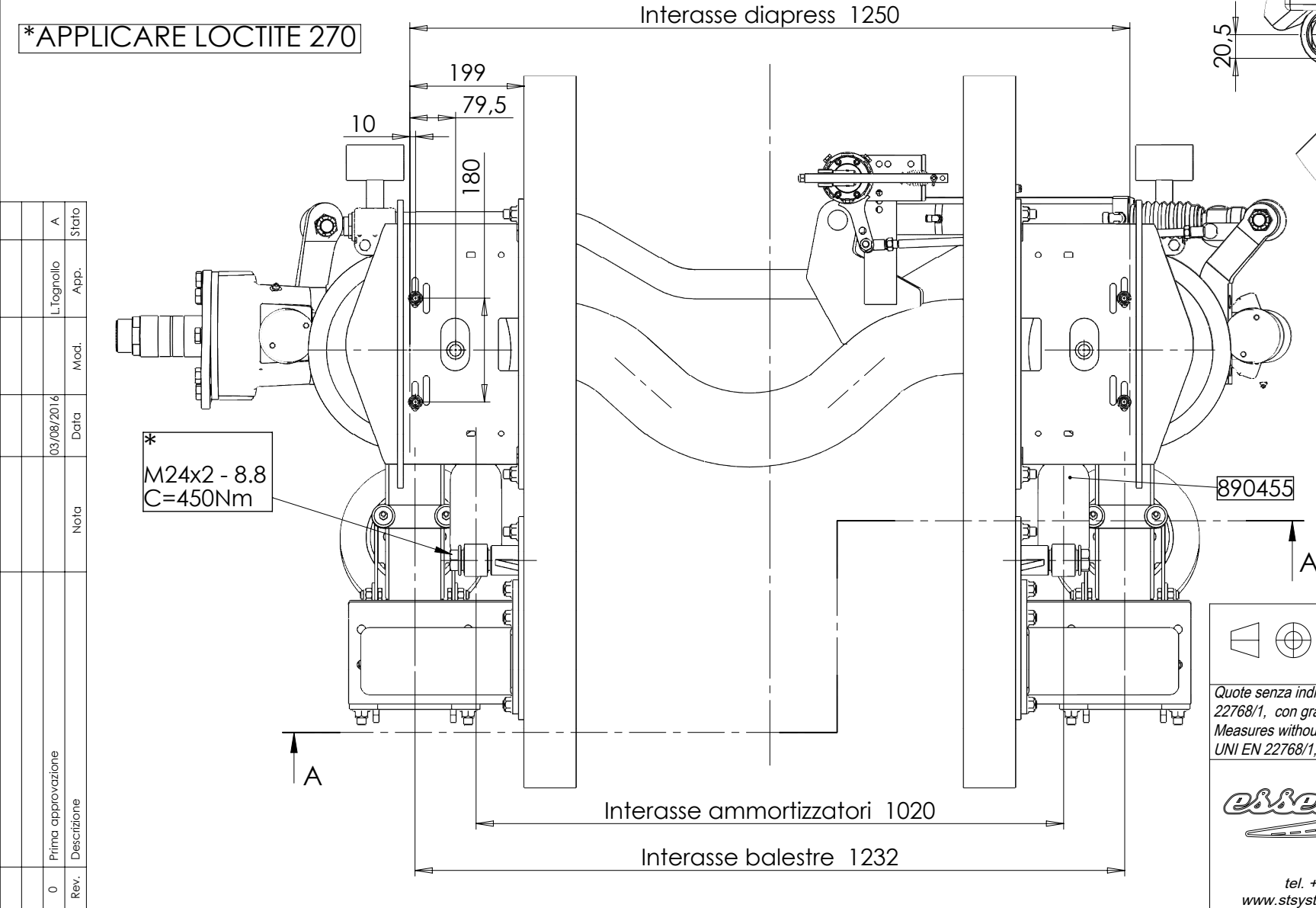


In rosso particolari aggiunti o modificati

Tightening tolerance - I004		ISO 2768 - ---- Tolerancing ISO 8015		Author E.RAGOSTA	Date 05/10/2023		Scale 1:20
 S.T. System Truck S.p.A. via Paesa, 28 - I 46048 Roverbella (MN) tel. +39 0376 696809 www.stsystemtruck.com		Description FIGURINO RENAULT C 6X2 PNEUM. EURO 6 CONF. 1+3					
		All proprietary rights reserved by S.T. System Truck S.p.A. The reproduction, distribution and utilisation of this document as well as the communication of its content to others without express authorisation is prohibited (see ISO 16016:2016)		Code 55.01.13.0021	Drawing 55.01.13.0021	Sheet 1/1	Format A1

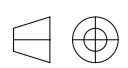
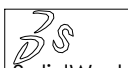


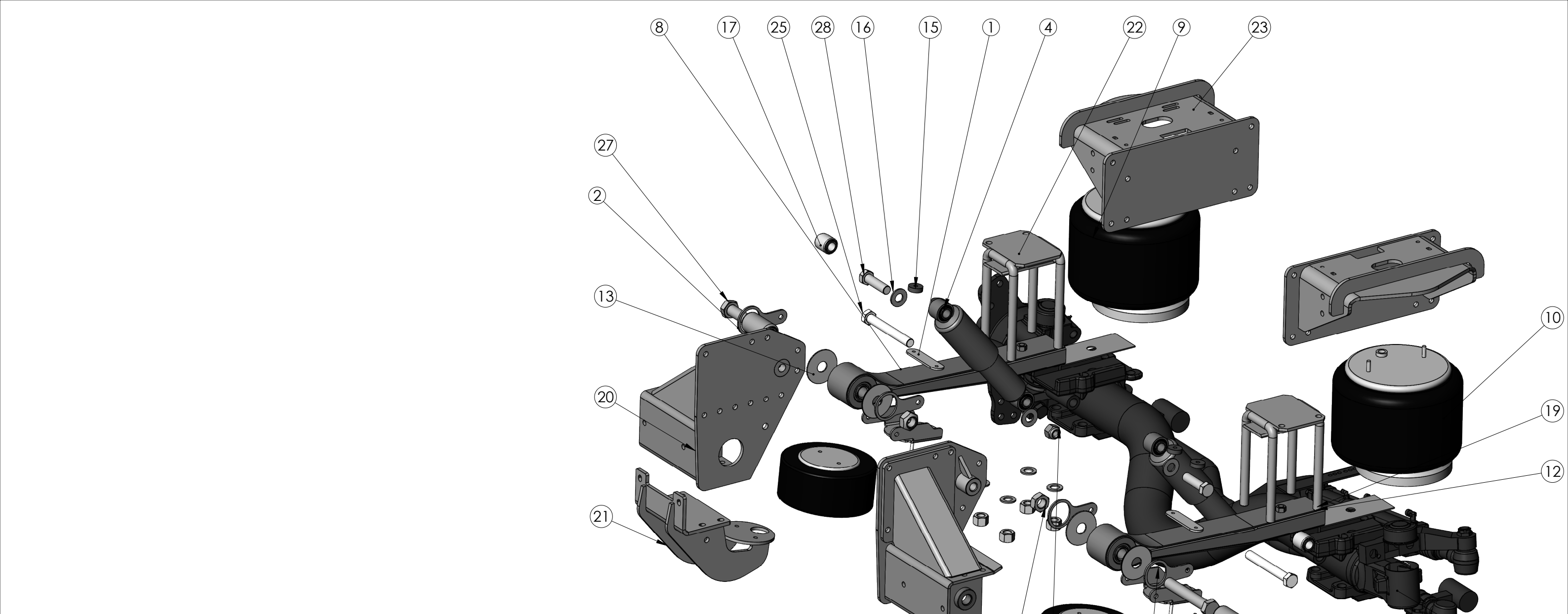
*APPLICARE LOCTITE 270



L AMMORT. (330-491)	H DIAPRESS (192-550)	H SOLLEV. (51-216)	CORSA MAX SOSP. AX AGGIUNTO	H VEICOLO A VUOTO (-95+145)	H VEICOLO A CARICO (-95+145)	TELAIO "C" PNE.315/80 R22.5"
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422	305	134		1038	1005	
491	456	81	145	1183	1150	

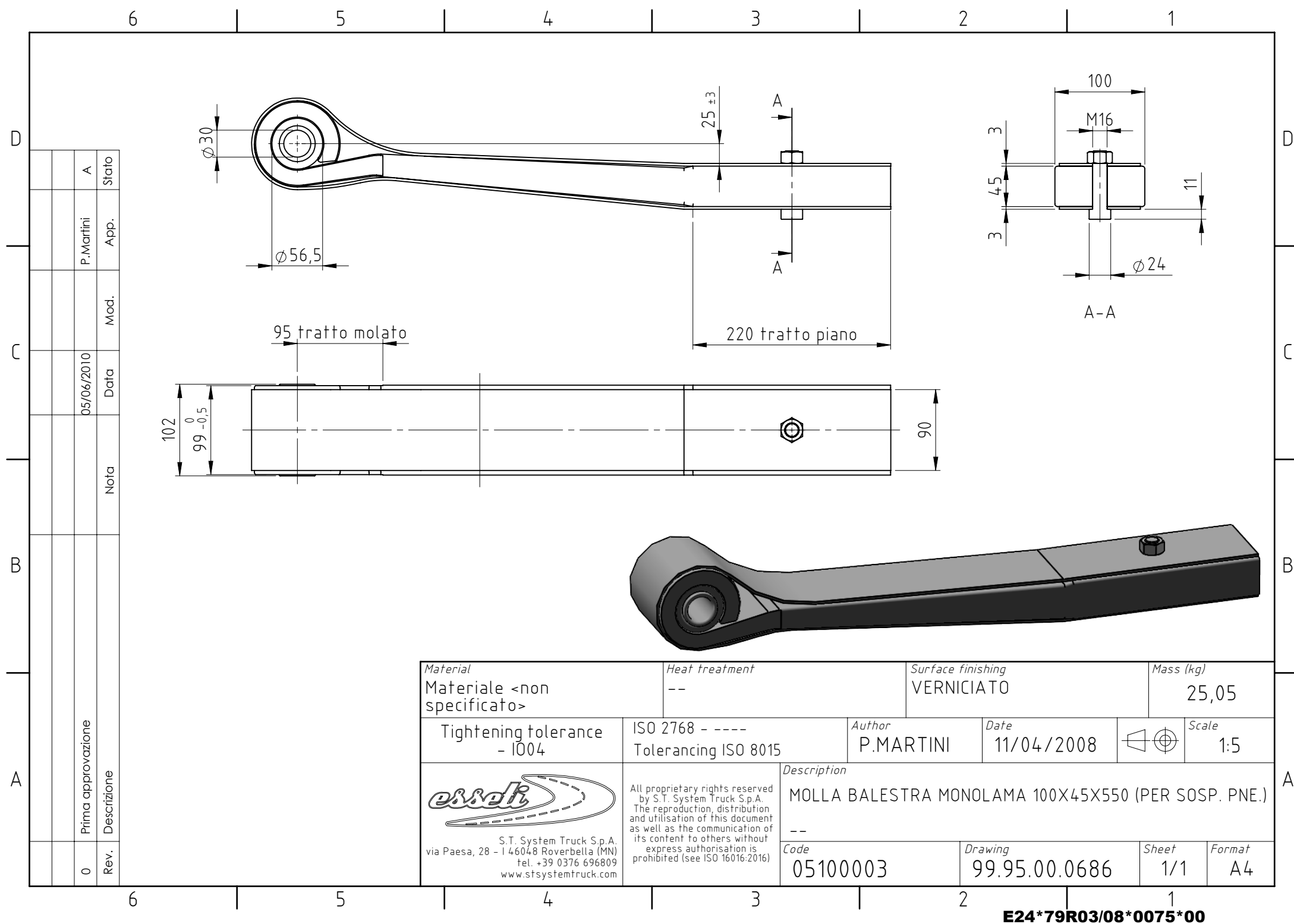
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367,5	192	177	-81	893	860	
405,5	270	147		973	940	
491	456	81	180	1113	1080	

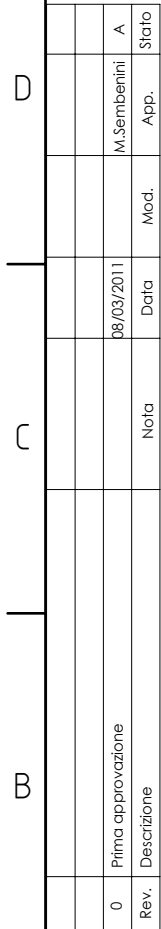
 Disegnato con : Modificare solo con: Drawing with: Modify only with:	 Formato disegno Format Drawing A3 UNI 936	Materiale Material --	Trattamento termico Heat treatment --	Finitura superficiale Surface finishing --	Massa kg Weight kg --
Quote senza indicazione di tolleranza secondo tabella UNI EN 22768/1, con grado di precisione MEDIO Measures without tolerance according to indication according to UNI EN 22768/1, with a degree of precision MEDIUM	Unità di misura Unit of measure lineari - linear: mm angoli: gradi sessagesimali angles: sexagesimal degrees	Disegnato da Drawing by M.SEMBENINI	Controllato da Checked by P.Martini	Data Date 25/03/2014	Scala Scale 1:10
 S.T. System Truck S.p.A. via Paesa, 28 I 46048 Roverbella (MN) tel. +39 0376 696809 - fax +39 0376 1760180 www.stsystemtruck.com --- info@stsystemtruck.com	Disegno di proprietà della S.T.System Truck S.p.A. Vietata la riproduzione non autorizzata. Property of S.T.System Truck S.p.A. Reproduction not permitted, all rights reserved.	Descrizione / Description SOSP. PNEUM. INTERM. X ASSE STERZ. IDR. - RENAULT C-T 6X2 (CONF. 1+3)			
Codice / Code 10.03.00.0044E24*790030002540		Disegno / Drawing		Foglio Sheet 1 / 2	

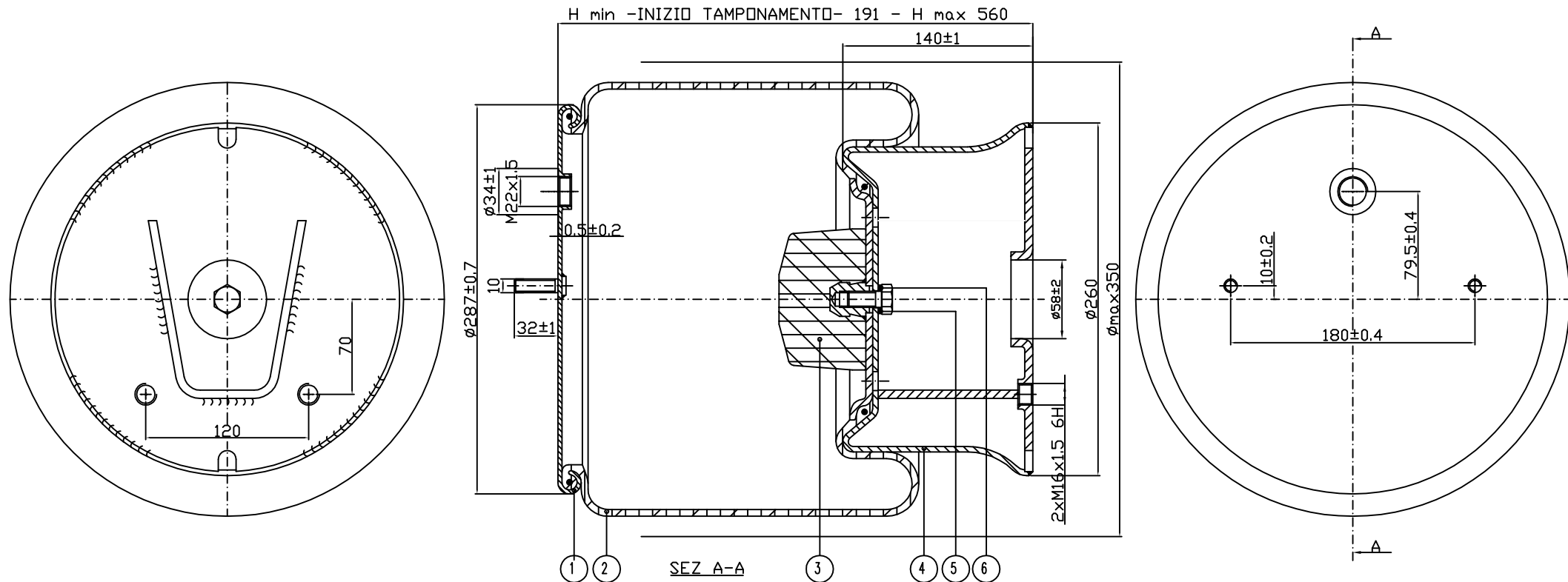


Pos.	Descrizione	QUANTITA'	Codice	Ex-Codice
1	5 LAMA PER SOLLEVATORE	2	99.95.04.0370	10940118
2	5 LAMA PER SUPPORTO PER SOLLEVATORE SOTTOBALESTRA BILAMA	4	10.23.10.0008	10.23.10.0008
3	5 SUPPORTO PER SOLLEVATORE SOTTOBALESTRA BILAMA - TIPO CORTO	2	10.23.10.0034	10.23.10.0034
4	AMM.RE PER SOSP. PNEUM. (AP. 491 - CH. 330) - 890455 - 6977	2		05102006
5	DADO AB M 30 X 3,5 CL. 8.8 (PER VITE BALESTRA SOSPENSIONE PNEUMATICA)	2	99.95.05.0040	10500101
6	DADO AUTOBLOCCANTE CL.8 UNI 7473 DIN982 M24 X 2	2	99.95.04.0964	52000240000
7	DADO STAFFA BALESTRA M 24 X 2 CL. 10	8	99.95.05.0021	10500051
8	MOLLA BALESTRA MONOLAMA 100X45X550 (PER SOSP. PNE.)	2	99.95.00.0686	05100003
9	MOLLA PNEUM. DIAPRESS D277/B-2F (277.2.420) H=191-560 AE=575 CM2	1	05101009	
10	MOLLA PNEUM. DIAPRESS D277/B-2F (277.2.420) H=191-560 AE=575 CM2	1	05101002	05101009
11	MOLLA PNEUM. TORPRESS T291/B (291.1.170) H=51-216 AE=283 CM2	2		05101010
12	Piastra di regolazione allineamento assale (sospensione pneumatica)	2	99.95.03.0772	10459050
13	RASAMENTO SOSPENSIONE PNEUMATICA DI=30,5 DE=98 SP. 3	4	99.95.00.0355	10459001
14	RONDELLA CARPENTERIA UNI 5714 D. 24 ZINC.	8	99.95.16.0601	73000240000
15	RONDELLA DISTANZIALE IN GOMMA D10/40 H=10 (RECUPERO DA VEICOLI IVECO)	4	99.95.02.0132	05906000
16	RONDELLA FE TRANCIATA Ø=25X51X4 ZINC	4	99.95.16.0600	206000250000
17	SILENTBLOCK AMMORTIZZATORE 7754 - 24/52	2	99.95.01.0661	05710020
18	SILENTBLOCK MOLLA BALESTRA (Ø30/57 L=102 ESTERNO ACCIAIO)	2	99.95.01.0663	05710025
19	STAFFA BALESTRA M24X2 X 101 X 260	4	99.95.16.0533	10500001
20	SUPPORTO DX SOSP. PNEUM. LATO TELAIO PER RENAULT C-T ALLESTIMENTO 1+3	1	10.07.00.0283	10.07.00.0283
21	SUPPORTO INF. PER SOLLEVATORE SOTTO BAL. SOSP. INTER.	2	10.23.10.0039	10.23.10.0039
22	SUPPORTO INFERIORE DIAPRESS	2	99.95.02.0900	10200018
23	SUPPORTO SUPERIORE PER DIAPRESS - SOSPENSIONE PER RENAULT	2	10.07.00.0192	10.07.00.0192
24	SUPPORTO SX SOSP. PNEUM. LATO TELAIO PER RENAULT C-T ALLESTIMENTO 1+3	1	10.07.00.0282	10.07.00.0282
25	TE 8.8-24X2X190 UNI 5738 - ZNC	2	99.95.05.0761	222000240190
26	TSPEI 10.9 UNI 5933 ZINC 08X90	4	99.95.05.0246	205000080090
27	VITE TE 8.8 M30X3.5X190 PER BALESTRA SOSPENSIONE PNEUMATICA	2	99.95.05.0472	10500151
28	VITE TE 8.8 5738 24 X 2 X 90 ZINC	2	99.95.05.0476	222000240090

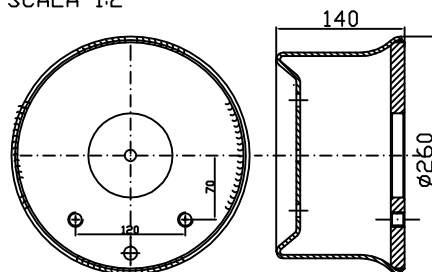
	Disegnato con : Modificare solo con: Drawing with: Modify only with:		Formato disegno Format Drawing A3 UNI 936	Materiale Material	Trattamento termico Heat treatment --	Finitura superficiale Surface finishing --	Massa kg Weight kg --
Quote senza indicazione di tolleranza secondo tabella UNI EN 22768/1, con grado di precisione MEDIO Measures without tolerance according to indication according to UNI EN 22768/1, with a degree of precision MEDIUM			Unità di misura Unit of measure lineari - linear: mm angoli: gradi sessagesimali angles: sexagesimal degrees	Disegnato da Drawing by M.SEMBENINI	Controllato da Checked by P.Martini	Data Date 25/03/2014	Scala Scale 1:10
 S.T. System Truck S.p.A. via Paesa, 28 I 46048 Roverbella (MN) tel. +39 0376 696809 - fax +39 0376 1760180 www.stsystemtruck.com --- info@stsystemtruck.com			Disegno di proprietà della S.T.System Truck S.p.A. Vietata la riproduzione non autorizzata. Property of S.T.System Truck S.p.A. Reproduction not permitted, all rights reserved.	Descrizione / Description SOSP. PNEUM. INTERM. X ASSE STERZ. IDR. - RENAULT C-T 6X2 (CONF. 1+3)			
Codice / Code 10.03.00.0044E24*7910030002540				Disegno / Drawing 10.03.00.0002540		Foglio Sheet 2 / 2	



A



SOLUZIONE AMMESSA PER IL PISTONE
SCALA 1:2

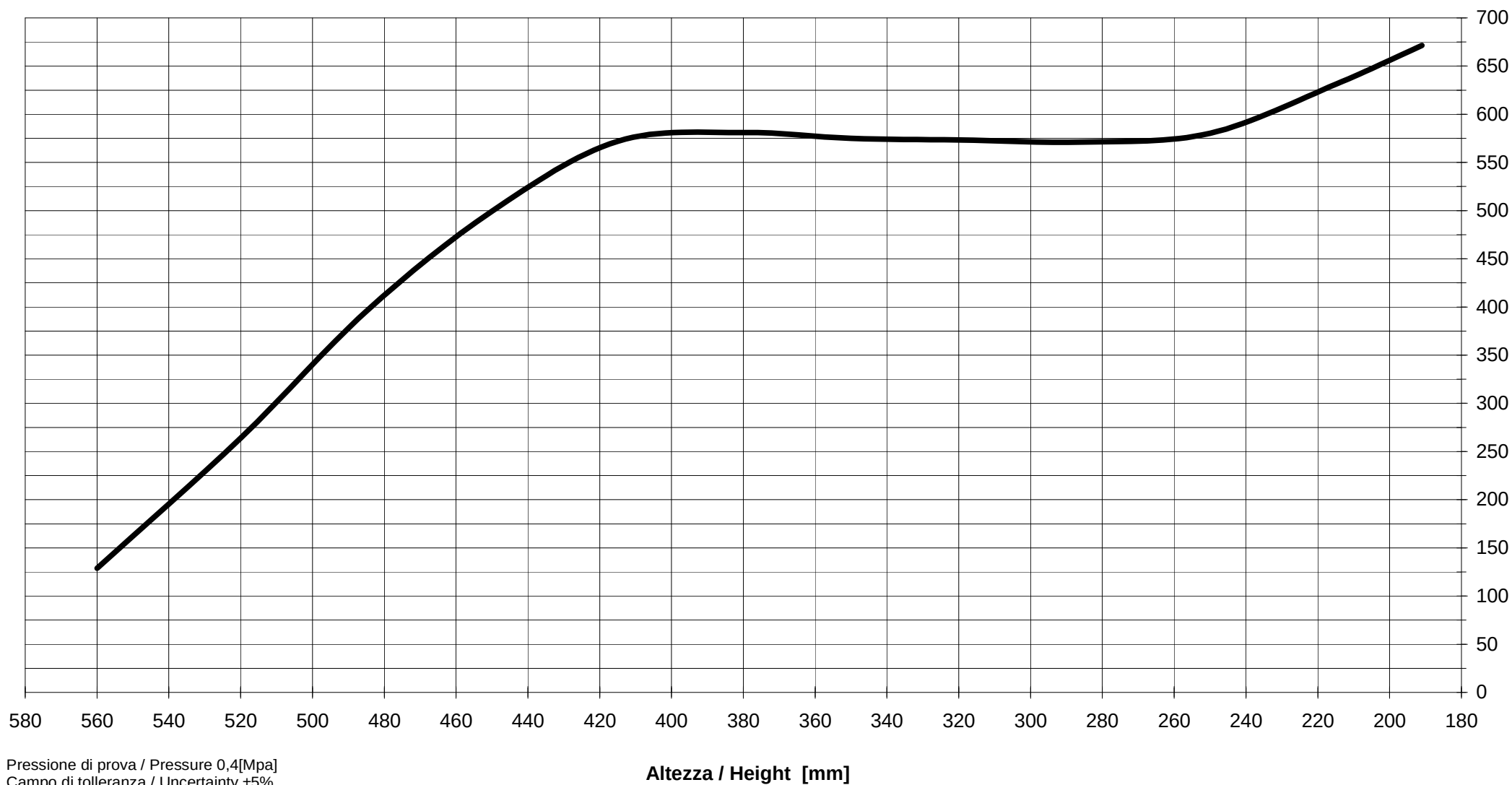


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05	01	VITE	001.2101
04	01	PISTONE	002.1502
03	01	TAMPONE	004.0002
02	01	MEMBRANA 277/B-2F	277.0.421
01	01	PIATTO	002.0404
POS.	Q.TA'	DENOMINAZIONE	CODICE

REV. 03	MODIFICA PIATTO	15.11.04	U. Retis
REV. 02	MODIF. TAMPONE, VARIATA H min E AGGIUNTO SOLUZIONE PISTONE.	10.05.2000	DALLA VIA
REV. 01	MODIFICATI PARTICOLARI N.: 1, 3, 4, 5, E AGGIORNATO H min.	10.07.1996	DALLA VIA
REFERIMENTO	DESCRIZIONE VARIANTE	DATA	FIRMA
TOLLERANZE GENERALI:	PARTI METALLICHE: tabella UNI EN 22768 classe mK	GOMMA: tabella UNI 5415-64 classe III salvo indicazione contraria	
DENOMINAZIONE: MOLLA PNEUMATICA		Art. D277/B-2F	Completivo
GART s.r.l.-ITALY		DIS. N°: 277.2.420	REV. 03
DISEGNATO	VERIFICATO	APPROVATO	
DATA	15.11.04	15.11.04	15.11.04
FIRMA	DALLA VIA	M. Artuso	M. Artuso
DISEGNO ESEGUITO CON CAD: SONO VIETATE MODIFICHE O CORREZIONI MANUALI			

Diagramma Aree Efficaci / Graph Effective Area

Codice / code: 277.2.420

Area Efficace /
Effective Area
Ae [cm²]

GART S.r.l. - via San Benedetto 19/C - Bressanvido (VI) Italy
Tel. +39 0444 660950 - Fax +39 0444 460141
Email: info@gart.biz - Web: www.gart.biz

\\Ntserver\DiscoF\DATABASE TECNICO\MOLLE GART\diagrammi approvati\277.2.420_UFF05

Molla ad Aria
Air Spring **D277/B**

Codice
Code **277.2.420**

Data Aggiornamento: 28/02/2005

DIMENSIONI

DIMENSIONS

Ø max	Maximum Ø	[mm]	350
Corsa totale	Totale stroke		369
Altezza minima Inizio tamponamento	Minimum height Bumper contact		191
Altezza massima	Maximum height		560
Peso	Weight	[daN]	14,23
Temperatura massima	Maximum temperature	[°C]	55(70)
Temperatura minima	Minimum temperature		-35

USO COME SOSPENSIONE

APPLIED AS SUSPENSION

Altezza statica consigliata	Design static height	[mm]	350
Area efficace ⁽¹⁾	Effective area ⁽¹⁾	[cm²]	575
Carico statico alla pressione massima ⁽¹⁾	Static load at maximum static pressure ⁽¹⁾	[daN]	3450
Pressione statica massima	Maximum static pressure	[MPa]	0,60
Pressione statica minima	Minimum static pressure		0,10

USO COME ATTUATORE

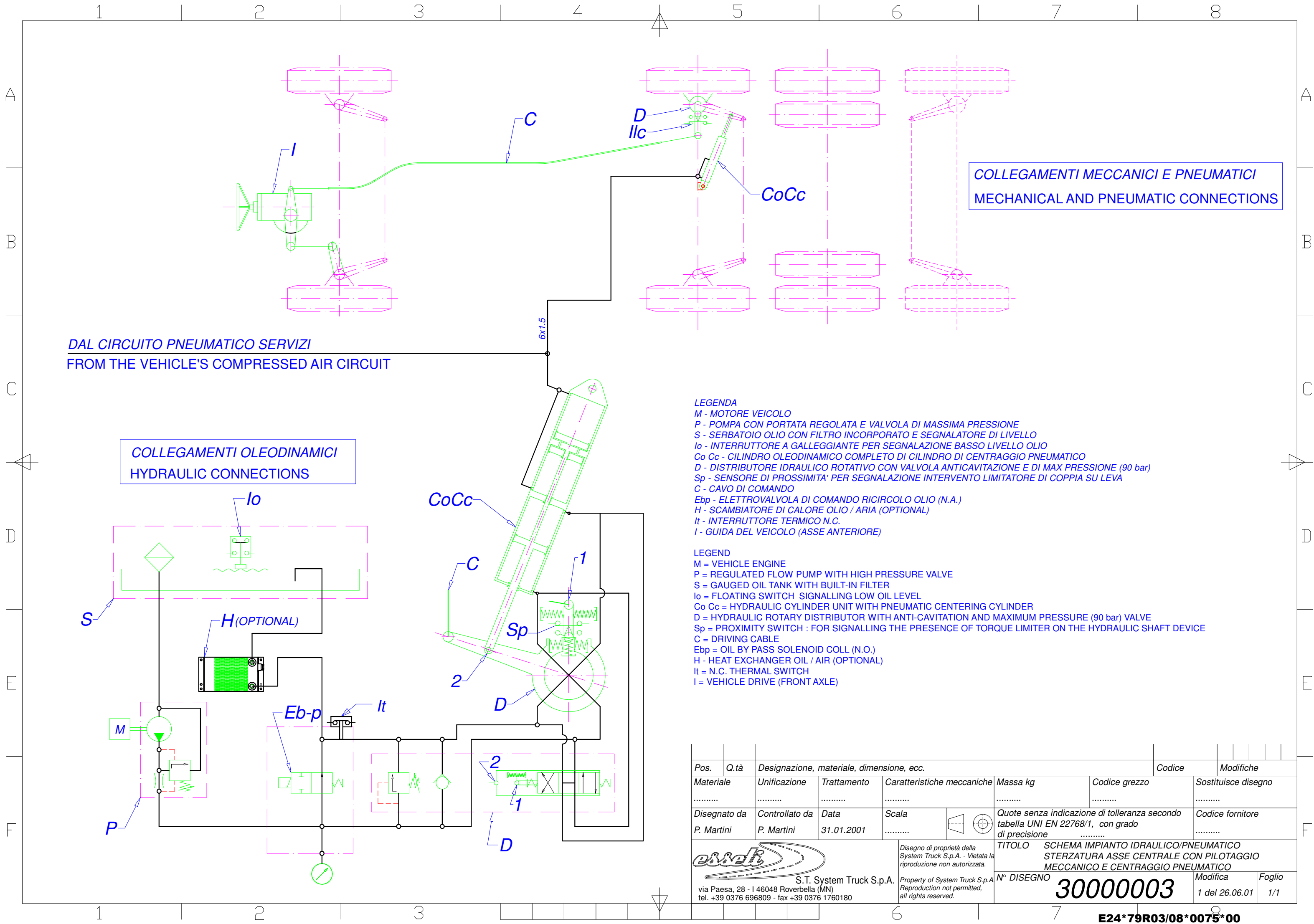
APPLIED AS ACTUATOR

Pressione massima di esercizio	Maximum operating pressure	[MPa]	0,60
Pressione minima di esercizio	Minimum operating pressure		0,10

Altezza Height [mm]	Carico Statico - Load Static [d a N]						
	Pressione - Pressure [MPa]					Pmax S	Pmax A
	0,3	0,4	0,5	0,6	0,7	0,60	0,60
191	2014	2686	3357	4029	4700	4029	4029
350	1725	2300	2875	3450	4025	3450	3450
560	385	514	642	771	899	772	772

⁽¹⁾ Dati riferiti all'altezza statica consigliata

⁽¹⁾ Data concerning the design static height position



DAL CIRCUITO PNEUMATICO SERVIZI
FROM THE VEHICLE'S COMPRESSED AIR CIRCUIT

COLLEGAMENTI OLEODINAMICI
HYDRAULIC CONNECTIONS

COLLEGAMENTI MECCANICI E PNEUMATICI
MECHANICAL AND PNEUMATIC CONNECTIONS

- LEGENDA
M - MOTORE VEICOLO
P - POMPA CON PORTATA REGOLATA E VALVOLA DI MASSIMA PRESSIONE
S - SERBATOIO OLIO CON FILTRO INCORPORATO E SEGNALE DI LIVELLO
Io - INTERRUTTORE A GALLEGGIANTE PER SEGNALAZIONE BASSO LIVELLO OLIO
Co Cc - CILINDRO OLEODINAMICO COMPLETO DI CILINDRO DI CENTRAGGIO PNEUMATICO
D - DISTRIBUTORE IDRAULICO ROTATIVO CON VALVOLA ANTICAVITAZIONE E DI MAX PRESSIONE (90 bar)
Sp - SENSORE DI PROSSIMITA' PER SEGNALAZIONE INTERVENTO LIMITATORE DI COPPIA SU LEVA
C - CAVO DI COMANDO
Ebp - ELETTROVALVOLA DI COMANDO RICIRCOLO OLIO (N.A.)
H - SCAMBIATORE DI CALORE OLIO / ARIA (OPTIONAL)
It - INTERRUTTORE TERMICO N.C.
I - GUIDA DEL VEICOLO (ASSE ANTERIORE)
- LEGEND
M = VEHICLE ENGINE
P = REGULATED FLOW PUMP WITH HIGH PRESSURE VALVE
S = GAUGED OIL TANK WITH BUILT-IN FILTER
Io = FLOATING SWITCH SIGNALLING LOW OIL LEVEL
Co Cc = HYDRAULIC CYLINDER UNIT WITH PNEUMATIC CENTERING CYLINDER
D = HYDRAULIC ROTARY DISTRIBUTOR WITH ANTI-CAVITATION AND MAXIMUM PRESSURE (90 bar) VALVE
Sp = PROXIMITY SWITCH : FOR SIGNALLING THE PRESENCE OF TORQUE LIMITER ON THE HYDRAULIC SHAFT DEVICE
C = DRIVING CABLE
Ebp = OIL BY PASS SOLENOID COLL (N.O.)
H - HEAT EXCHANGER OIL / AIR (OPTIONAL)
It = N.C. THERMAL SWITCH
I = VEHICLE DRIVE (FRONT AXLE)

Pos.	Q.tà	Designazione, materiale, dimensione, ecc.				Codice	Modifiche
Materiale	Unificazione	Trattamento	Caratteristiche meccaniche	Massa kg	Codice grezzo	Sostituisce disegno	
.....							
Disegnato da	Controllato da	Data	Scala	Quote senza indicazione di tolleranza secondo tabella UNI EN 22768/1, con grado di precisione		Codice fornitore	
P. Martini	P. Martini	31.01.2001					
 S.T. System Truck S.p.A. via Paesa, 28 - I 46048 Roverbella (MN) tel. +39 0376 696809 - fax +39 0376 1760180				TITOLO SCHEMA IMPIANTO IDRAULICO/PNEUMATICO STERZATURA ASSE CENTRALE CON PILOTAGGIO MECCANICO E CENTRAGGIO PNEUMATICO		N° DISEGNO	Modifica
				300000003		1 del 26.06.01	Foglio 1/1