











ANTISTATICO-CONDUTTIVO / ANTISTATIC-CONDUCTIVE

Ruote e rulli in poliuretano AVOANTISTATIC
($R \leq 50 \text{ MOhm}$).

Ruote e rulli in poliuretano ad iniezione
conduttivo, in poliammide conduttivo e
ruote in gomma conduttiva
($R \leq 10.000 \text{ Ohm}$).

*Wheels and pallet rollers with
AVOANTISTATIC poliurethane thread
($R \leq 50 \text{ MOhm}$)*

*Wheels and pallet rollers with injected
conductive polyurethane thread, in
conductive polyamide and conductive
rubber wheels ($R \leq 10.000 \text{ Ohm}$).*

		Supporti / Castors			
Ruota Wheel	Descrizione Description	Medio Medium duty	Pesante Heavy duty	Extra pesante Extra heavy duty	Extra pesante gemellato Twin extra heavy duty
 14AS	Ruota in poliuretano antistatico, nucleo in ghisa meccanica. <i>Antistatic polyurethane wheel tread, mechanical cast iron centre.</i>				
Pag / Page 180-181					
 18AS	Ruota in poliuretano antistatico, nucleo in alluminio. <i>Antistatic polyurethane wheel tread, aluminium centre.</i>				
Pag / Page 182					
 11AS	Rullo in poliuretano antistatico, nucleo in acciaio. <i>Antistatic polyurethane pallet roller, steel centre.</i>				
Pag / Page 184-185					
 17CD	Ruota in poliuretano conduttivo ad iniezione, nucleo in poliammide 6 conduttivo. <i>Conductive injection polyurethane wheel tread, conductive polyamide 6 centre.</i>				
Pag / Page 186					
 21CD	Ruota in poliuretano conduttivo ad iniezione, nucleo in poliammide 6 conduttivo. <i>Conductive injection polyurethane wheel tread, conductive polyamide 6 centre.</i>				
Pag / Page 188					
 12CD	Rullo in poliuretano conduttivo ad iniezione, nucleo in poliammide 6 conduttivo. <i>Conductive injection polyurethane pallet roller, conductive polyamide 6 centre.</i>				
Pag / Page 189					
 116CD	Ruota in poliammide 6 conduttivo. <i>Conductive polyamide 6 centre wheel.</i>				
Pag / Page 190					
 116-PCD	Ruota in poliammide 6 conduttivo. <i>Conductive polyamide 6 centre wheel.</i>				
Pag / Page 191					
 13CD	Rullo in poliammide 6 conduttivo. <i>Conductive polyamide 6 centre pallet roller.</i>				
Pag / Page 192					
 112CD	Ruota in gomma conduttiva, flange in acciaio. <i>Conductive rubber wheel, steel flanges.</i>				
Pag / Page 193					

RUOTA / WHEEL



14AS / AVOANTISTATIC 91 Shore A

14AS

Ruota in poliuretano antistatico,
nucleo in ghisa meccanica
*Antistatic polyurethane wheel
mechanical cast iron centre*



105 ÷ 3220



-20 ÷ +80



Ruota con rivestimento
in poliuretano
AVOANTISTATIC
antistatico 91 Shore
A. Nucleo in ghisa
meccanica.



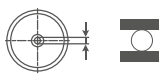


Mozzo su cuscinetti
a sfere schermati,
assemblati con
distanziale centrale.

*Wheel coated
with antistatic
AVOANTISTATIC
polyurethane tread 91
Shore A. Mechanical
cast iron centre. Hub
on shielded ball bearing
assembled with central
spacer. Special castors
are available for any
needs.*

Le caratteristiche elettriche di resistenza garantite dal materiale e dal processo produttivo, sono sintetizzabili dalla disuguaglianza: $R \leq 50$ Mega Ohm.
The electrical characteristics guaranteed by the material and production process, can be summarized by the inequality: $R \leq 50$ Mega Ohm

La ruota 14AS può essere assemblata con tutti i tipi di supporti. (Da pagina 58 a pagina 67)
The wheel 14AS can be assembled with all castors. (From page 58 to page 67)

RUOTA / WHEEL

				
80x20	10	12	32x10	105
80x36	36	15	35x11	175
98x30	30	20	47x14	193
100x25	25	15	35x11	140
100x30	30	25	47x12	193
100x30	30	15	35x11	175
100x40	40	20	47x14	210
100x50	60	20	47x14	280
123x30	30	15	35x11	210
125x25	25	15	35x11	175
125x25	30	25	47x12	175
125x30	30	15	35x11	210
125x30	30	20	47x14	210
125x35	35	20	47x14	245
125x40	40	20	47x14	280
125x40	40	25	47x12	280
125x40	50	20	47x14	280
125x50	60	20	47x14	350
148x40	40	20	47x14	350
150x30	30	17	40x12	280
150x35	35	20	47x14	315
150x40	40	20	47x14	350
150x40	40	25	47x12	350
150x50	60	20	47x14	455
150x50	50	20-25	52x15	455
150x50	60	25	52x15	455
150x60	60	25	52x15	455
175x35	35	20	47x14	420
175x40	40	20	47x14	455
200x40	40	20	47x14	560
200x45	45	25	52x15	700
200x50	60	20-25	52x15	770
200x80	80	30	62x16	1120
250x50	60	25	52x15	805
250x60	60	25	52x15	980
250x80**	80	30	62x16	1260
300x70	70	30	62x16	1540
300x100	100	40	80x18	1960
400x100	100	40	80x18	2800
400x125	125	40	80x18	3220
500x100	100	50	90x20	3150

RUOTA / WHEEL



18AS / AVOANTISTATIC 91 Shore A

18AS

Ruota in poliuretano antistatico, nucleo in alluminio
Antistatic polyurethane wheel tread and aluminium centre



105 ÷ 700



-20 ÷ +80




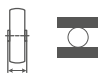
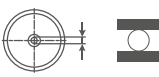


Ruota con rivestimento in poliuretano AVOANTISTATIC antistatico 91 Shore A. Nucleo in alluminio. Mozzo a cuscinetti a sfere schermati assemblati con distanziale centrale.

Wheel coated with antistatic AVOANTISTATIC polyurethane tread 91 Shore A. Wheel centre in aluminium. Hub on shielded ball bearings assembled with central spacer.

Le caratteristiche elettriche di resistenza che vengono garantite dal materiale e dal processo produttivo, sono sintetizzabili dalla disuguaglianza:
 $R \leq 50 \text{ Mega Ohm}$.

*The measured electrical characteristics that are guaranteed by the material and production, process can be summarized by the inequality:
 $R \leq 50 \text{ Mega Ohm}$.*

La ruota 18AS può essere assemblata con tutti i tipi di supporti medio e pesante. (Da pagina 70 a pagina 71)
The wheel 18AS can be assembled with all medium and heavy duty castors. (From page 70 to page 71)

				
80x25	30	12	32x10	105
80x30	40	12	32x10	126
100x30	30	15	35x11	140
100x40	40	12	32x10	175
100x50	60	20	47x14	280
125x30	30	15	35x11	175
125x40	50	20	47x14	210
125x50	60	20	47x14	259
150x40	40	20	47x14	280
160x50	60	20	47x14	350
160x50	60	25	52x15	350
175x50	60	20	47x14	420
180x50	60	20	47x14	490
200x50	60	20-25	47x14	560
250x50	60	30	62x16	700

RULLO / ROLLER



11AS / AVOANTISTATIC 91 Shore A

11AS

Rullo in poliuretano antistatico,
nucleo in acciaio
*Antistatic polyurethane pallet
roller, steel centre*



70 ÷ 700



-20 ÷ +80


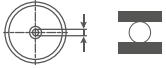




Rullo transpallet
con rivestimento
in poliuretano
AVOANTISTATIC
(antistatico)
**91 Shore A. Nucleo in
acciaio.**
Mozzo su cuscinetti
a sfere schermati e
assemblati.

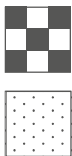
*Pallet roller coated
with (antistatic)
AVOANTISTATIC
polyurethane thread
91 Shore A.
Steel centre.
Hub on shielded ball
bearings.*

Le caratteristiche elettriche di resistenza garantite dal materiale e dal processo produttivo, sono sintetizzabili dalla disuguaglianza: $R \leq 50$ Mega Ohm.
The electrical characteristics guaranteed by the material and production process, can be summarized by the inequality: $R \leq 50$ Mega Ohm

Il rullo 11AS può essere assemblato su tutti i supporti tipo extra pesante. (Pagina 164)
Pallet rollers 11AS can be assembled with extra heavy duty castors. (Page 164)

			
39,5x80	10	26x10	175
40x30	15	28x8,5	70
46x30	15	28x8,5	70
48x15	15	32x9	77
50x20	17	35x10	77
50x30	15	35x11	84
50x40	15	35x11	91
55x30	20	42x12	91
60x20	17	35x10	91
60x20	20	41x12	98
60x30	17	35x20	105
65x30	17	35x10	105
65x30	20	47x14	105
65x31	20	42x12	105
69x38	20	42x12	105
70x20	20	42x12	105
70x25	25	52x15	105
70x30	12	32x10	105
70x70	15	35x11	350
75x20	20	42x12	105
75x40	15	35x11	210
75x50	20	47x14	280
75x65	15	35x11	280
75x75	15	35x11	385
77x70	20	47x14	350
78x30	20	47x14	210
80x100	20	47x14	630
80x20	20	47x12	105
80x22	15	42x13	140
80x25	25	52x15	140
80x30	20	47x14	210
80x40	20	47x14	280
80x45	20	47x14	280
80x50	20	47x14	350
80x54	20	47x14	385
80x60	20	47x14	420
80x70	20	47x14	490
80x80	20	47x14	560
80x90	20	47x14	630
82x100	20	47x14	700
82x50	20	47x14	350
82x60	20	47x14	420
82x70	20	47x14	490
82x75	20	47x14	525
82x80	20	47x14	560
82x90	20	47x14	630
83x30	20	47x14	210
85x100	20	47x14	700
85x30	20	47x14	210
85x35	20	47x14	245
85x40	20	47x14	280
85x50	20	47x14	350
85x60	20	47x14	420
85x70	20	47x14	490
85x75	20	47x14	525
85x80	25	47x12	560
85x80	20	47x14	560
85x90	20	47x14	630
93x25	25	52x15	210

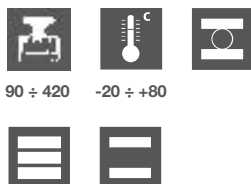
RUOTA / WHEEL



17CD / POLIURETANO CONDUTTIVO $R \leq 10.000 \text{ Ohm}$
CONDUCTIVE POLYURETHANE $R \leq 10.000 \text{ Ohm}$

17CD

Ruota in poliuretano conduttivo ad iniezione, nucleo in poliammide 6 conduttivo
Conductive injection polyurethane wheel thread, conductive polyamide 6 centre



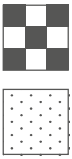
Ruota con rivestimento in poliuretano ad iniezione 97 Shore A. Nucleo in poliammide 6. Mozzo su cuscinetti a sfere schermati assemblati con distanziale centrale, gabbia a rulli o foro passante.

Wheel with conductive polyamide 6 centre coated with conductive injection polyurethane thread 97 Shore A. Hub on roller bearings, plain bore or shielded ball bearings assembled with central spacer.

La ruota 17CD può essere assemblata con tutti i tipi di supporti tipo medio e pesante. (Da pagina 84 a pagina 85)
 The wheel 17CD can be assembled with all medium and heavy duty castors. (From page 84 to page 85)

60x24	-	-	10	-	-	12	32x10	50
80x30	40	-	30	12	-	12	32x10	84
80x30	-	40	-	-	12	-	-	84
100x30	40	-	30	12	-	15	35x11	119
100x30	-	40	-	-	12	-	-	119
125x35	50	-	30	15	-	15	35x11	161
125x35	-	35	-	-	30	-	-	161
125x35	-	50	-	-	15	-	-	161
150x40	50	-	35	15	-	15	40x12	280
150x40	-	50	-	-	20	-	-	280
150x40	-	-	35	-	-	20	40x12	280
150x40	-	60	-	-	20	-	-	280
160x40	58	-	-	20	-	-	-	315
175x45	58	-	40	20	-	20	47x14	350
175x45	-	50	-	-	20	-	-	420
200x50	58	-	45	20	-	25	52x15	420
200x50	-	-	45	-	-	20	52x15	420
200x50	-	-	58	-	-	20	47x14	420

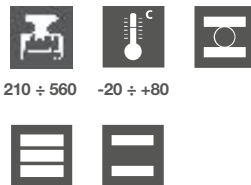
RUOTA / WHEEL



21CD / POLIURETANO CONDUTTIVO $R \leq 10.000 \text{ Ohm}$
CONDUCTIVE POLYURETHANE $R \leq 10.000 \text{ Ohm}$

21CD





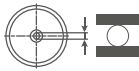


Ruota in poliuretano conduttivo ad iniezione, nucleo in poliammide 6 conduttivo
Conductive injection polyurethane wheel thread, conductive polyamide 6 centre



Ruota pesante con rivestimento in poliuretano conduttivo ad iniezione 97 Shore A. Nucleo in poliammide 6. Mozzo su cuscinetti a sfere schermati assemblati con distanziale centrale, gabbia a rulli o foro passante.

Heavy wheel with conductive polyamide 6 centre coated with conductive injection polyurethane thread 97 Shore A. Hub on roller bearings, plain bore or shielded ball bearings assembled with central spacer.

La ruota 21CD può essere assemblata con tutti i supporti tipo pesante e extra pesante. (Da pagina 88 a pagina 89)
Wheel 21CD can be assembled with all heavy and extra heavy duty castors. (From page 88 to page 89)

						
100x40	49	40	15	15	35x11	210
125x45	49	49	20	20	47x14	280
150x50	59	55	20	20	47x14	350
160x50	59	55	20	20	47x14	350
200x57	59	60	25	25	52x15	560

RULLO / ROLLER



12CD / POLIURETANO CONDUTTIVO $R \leq 10.000 \text{ Ohm}$
CONDUCTIVE POLYURETHANE $R \leq 10.000 \text{ Ohm}$

12CD

Rullo in poliuretano conduttivo,
nucleo in poliammide 6
conduttivo

*Conductive polyurethane pallet
roll, conductive polyamide 6
centre*



350 ÷ 525



-20 ÷ +80




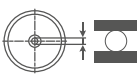


Rullo transpallet
con rivestimento
in poliuretano ad
iniezione conduttivo
Shore A 97. Nucleo in
poliammide 6
conduttivo.

Mozzo su cuscinetti a
sfere schermati.

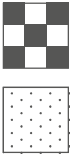
*Pallet roller coated
with conductive
injection polyurethane
tyre 97 Shore A.
Conductive
polyamide 6 centre.
Hub on shielded ball
bearings.*

Il rullo 12CD può essere assemblato su tutti i supporti tipo extra pesante. (Pagina 173)

Pallet rollers 12CD can be assembled with extra heavy duty castors. (Page 173)

			
82x70	20	47x14	350
82x80	20	47x14	385
82x90	20	47x14	455
82x100	20	47x14	525

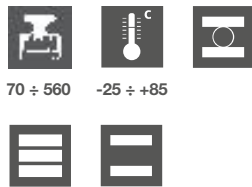
RUOTA / WHEEL



116CD / POLIAMMIDE 6 CONDUTTIVO $R \leq 10.000 \text{ Ohm}$
CONDUCTIVE POLYAMIDE 6 $R \leq 10.000 \text{ Ohm}$

116CD

Ruota in poliammide 6 conduttivo
Conductive polyamide 6 wheel



Ruota in poliammide 6 conduttivo.

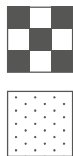
Mozzo su cuscinetti a sfere schermati, assemblati con distanziale centrale, gabbia a rulli o foro passante.

Conductive polyamide 6 wheel.
Hub on roller bearings, shielded ball bearings assembled with central spacer, or plan bore.

La ruota 116CD può essere assemblata con tutti i tipi di supporti tipo medio e pesante. (Da pagina 118 a pagina 119)
The wheel 116CD can be assembled with all medium and heavy duty castors. (From page 118 to page 119)

50x18	20	-	-	8	-	-	-	-	70
60x35	40	-	-	12	-	-	-	-	105
80x30	40	-	-	15	-	-	-	-	105
80x30	-	40	30	-	12	15	-	35x11	105
100x30	40	-	-	15	-	-	-	-	122,5
100x30	-	40	30	-	12	15	-	35x11	122,5
100x40	-	43,5	-	20	-	-	12	-	140
120x20	-	-	20	-	-	12	-	28x8	154
125x40	-	50	45	-	15	15	-	35x11	210
150x40	50	-	-	20	-	-	-	-	280
150x40	-	50	35	-	15	17	-	40x12	280
160x40	-	58	-	-	20	-	-	-	294
175x45	-	-	40	-	-	20	-	47x14	332,5
175x50	-	58	-	-	20	-	-	-	332,5
200x50	-	58	45	-	20	20	-	47x14	385
200x50	-	-	45	-	-	25	-	52x15	385
250x48	90	-	60	25	-	25	-	52x15	560

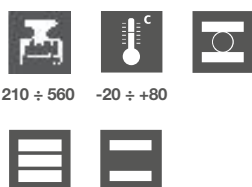
RUOTA / WHEEL



116-PCD / POLIAMMIDE 6 CONDUTTIVO $R_{\leq} 10.000 \text{ Ohm}$
CONDUCTIVE POLYAMIDE 6 $R_{\leq} 10.000 \text{ Ohm}$

116-PCD

Ruota pesante in poliammide 6 conduttivo
Heavy conductive polyamide 6 wheel



Ruota pesante in poliammide 6 conduttivo.

Mozzo su cuscinetti a sfere schermati, assemblati con distanziale centrale, gabbia a rulli o foro passante.

Heavy conductive polyamide 6 wheel.

Hub on roller bearings, shielded ball bearings assembled with central spacer, or plain bore.

La ruota 116PCD può essere assemblata con tutti i supporti tipo pesante e extra pesante. (Da pagina 122 a pagina 123)
 Wheel 116PCD can be assembled with all heavy and extra heavy duty castors. (From page 122 to page 123)

100x40	-	49	40	-	15	15	35x11	210
100x40	-	-	40	-	-	20	42x12	210
125x45	49	-	-	15	-	-	-	280
125x45	-	49	49	-	20	20	47x14	280
150x50	-	59	55	-	20	20	47x14	350
160x50	-	59	55	-	20	20	47x14	350
160x65	-	-	65	-	-	25	52x19	350
180x50	-	-	57	-	-	20	47x19/17	560
200x57	59	-	-	20	-	-	-	560
200x57	-	-	60	-	-	20	52x15	560
200x57	-	59	60	-	25	25	52x15	560

RULLO / ROLLER



13CD / POLIAMMIDE 6 CONDUTTIVO $R \leq 10.000 \text{ Ohm}$
CONDUCTIVE POLYAMIDE 6 $R \leq 10.000 \text{ Ohm}$

13CD

Rullo in poliammide 6 conduttivo,
 nucleo in poliammide 6
*Conductive polyamide 6 pallet
 roller, polyamide 6 centre*



385 ÷ 700



-20 ÷ +80



**Rullo transpallet
 in poliammide 6
 conduttivo.**

Mozzo su cuscinetti a
 sfere schermati.

**Conductive polyamide
 6 pallet roller.**

*Hub on shielded ball
 bearings.*

Il rullo 13CD può essere assemblato su tutti i supporti tipo extra pesante. (Pagina 177)
Pallet rollers 13CD can be assembled with extra heavy duty castors. (Page 177)

82x60	20	47x14	385
82x70	20	47x14	455
82x80	20	47x14	525
82x90	20	47x14	595
82x100	20	47x14	665
85x70	20	47x14	490
85x80	20	47x14	560
85x90	20	47x14	630
85x100	20	47x14	700

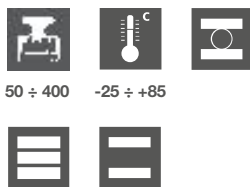
RUOTA / WHEEL



112CD / CONDUTTIVA $R \leq 10.000 \text{ Ohm}$
CONDUCTIVE $R \leq 10.000 \text{ Ohm}$

112CD

Ruota in gomma conduttiva,
 flange in acciaio
*Conductive rubber wheel, steel
 flanges*











50 ÷ 400 -25 ÷ +85

Ruota con
 rivestimento in
 gomma conduttiva
 piena 80 Shore A.
 Flange in acciaio
 stampato zinco-
 cromato. Mozzo su
 cuscinetti a sfere
 schermati, gabbia a
 rulli o foro passante.

*Wheel with
 conductive rubber tyre
 80 Shore A and
 zinc-chromium
 plated, pressed
 steel flangers.
 Hub on roller bearings,
 shielded ball bearings
 or self oiling bush.*

La ruota 112CD può essere assemblato su tutti i supporti tipo medio. (Da pagina 98 a pagina 99)
Pallet rollers 13CD can be assembled with medium duty castors. (From page 98 to page 99)

							
80x25	40	37	-	12	8	-	50
100x30	40	37	-	12	8	-	70
125x37,5**	50	46	-	15	10	-	100
125x37,5**	50	46	-	15	10	-	100
125x37,5**	-	-	43	-	-	15	100
140x37,5**	50	43	-	15	10	-	115
150x40**	50	43	-	15	10	-	135
160x40	58	55	-	20	17	-	150
180x50	58	55	-	20	17	-	170
200x50	58	55	-	20	17	-	205
225x55	58	55	-	20	17	-	250
250x60	75	63	-	25	25	-	300
280x70**	75	64	-	25	25	-	385
300x70**	75	64	-	25	25	-	400