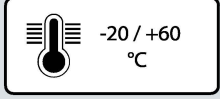
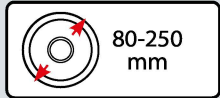


**BLACK RUBBER WHEELS
WITH POLYPROPYLENE CENTRE**



Description

Tyre: black standard rubber, hardness 80 Shore A.

Centre: polypropylene.

Hub with plain bore which directly houses the axle.

Hub with cylindrical roller bearing with plastic cage.

Uses

Suitable for trolleys with light-duty loads, also in the presence of obstacles and for indoor-outdoor use.

Examples of recommended applications: luggage trolleys, tool trolleys, small mobile scaffoldings, waste bin containers.

Environments of use

Suitable for industrial and institutional environments, also in presence of humidity and weak acids. Not suitable in presence of strong acids, bases and solvents.

WEAK ACIDS				
STRONG ACIDS				
WATER				
ALCOHOL				

WEAK BASES				
STRONG BASES				
HYDROCARBONS				
SOLVENTS				

For information on the compatibility of the component wheel materials with specific aggressive chemical substances, see table at page 40.



Floors

Suitable for all types of floors, even outdoors.

They easily overcome obstacles, do not damage fragile floors, but they may mark the floor.



Force required to push or tow a wheel

 	50 kg	100 kg	150 kg	200 kg	250 kg	300 kg
80 mm	5	----	----	----	----	----
100 mm	2.5	----	----	----	----	----
125 mm	2.2	6	----	----	----	----
140 mm	2	5.5	----	----	----	----
150 mm	2	5	----	----	----	----
160 mm	1.5	3.5	7.5	----	----	----
180 mm	1	3.2	6	----	----	----
200 mm	1	3	5.5	8.5	----	----
250 mm	1	2.2	4	6	8.2	11

For each load and diameter, the table indicates the force (in daN) needed to push or tow a single wheel at the constant speed of 4 km/h on smooth flooring. For manual handling of a 4-wheeled trolley we recommend diameters that have values < 5 daN, for frequent handling we recommend diameters with values < 3 daN.

Fittings with brackets



Light-duty brackets SL

Maximum carrying capacity 110 daN - available diameters 80-125 mm
Top plate and bolt hole fittings. Available with front brake.



Standard-duty brackets NL









Maximum carrying capacity 300 daN - available diameters 80-250 mm
Top plate, bolt hole, solid stem fittings. Available with front brake.

Options available to order:

The series 52 wheels are also available with assembled thread guards. To order them add the "PF" suffix to the product code. To order loose thread guards see the Accessories section.









BLACK RUBBER WHEELS WITH POLYPROPYLENE CENTRE



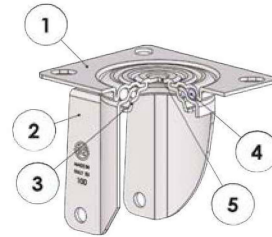
																		
mm	mm	kg	CODE	mm	mm	daN	daN	daN										
80	25	0.11	522101	12	39	150	50	65										
100	30	0.21	522102	12	44	200	75	80										
100	30	0.19	521132	12	39	200	75	80										
125	37.5	0.41	521103	15	44	225	85	110										
125	37.5	0.35	521133	12	39	225	85	110										
140	37.5	0.48	521104	15	44	250	95	120										
150	40	0.61	521111	15	44	275	100	130										
160	40	0.73	521110	20	59	300	120	150										
180	45	1.02	521105	20	59	350	130	180										
200	50	1.31	521106	20	59	400	140	225										
200	50	1.28	521206	25	59	400	140	225										
250	60	2.59	521108	25	75	500	175	300										

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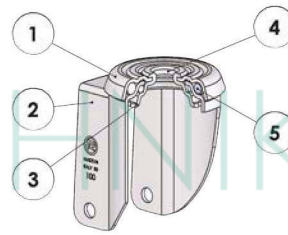
																		
mm	mm	kg	CODE	mm	mm	daN	daN	daN										
80	25	0.14	524101	12	39	150	50	65										
100	30	0.24	524102	12	44	200	75	80										
125	37.5	0.44	523103	15	44	225	85	110										
140	37.5	0.51	523104	15	44	250	95	120										
150	40	0.61	523111	15	44	275	100	130										
160	40	0.75	523110	20	59	300	120	150										
180	45	1.18	523105	20	59	350	130	180										
200	50	1.48	523106	20	59	400	140	225										
200	50	1.45	523206	25	59	400	140	225										
250	60	2.78	523108	25	75	500	175	300										

Light-duty brackets SL - max carrying capacity 110 daN



- 1) Plate in electrolytically galvanised printed steel plate
 - 2) Fork in electrolytically galvanised printed steel plate
 - 3) Ball Race Ring in electrolytically galvanised printed steel plate
 - 4) Swivel actions: on two ball race rings lubricated with grease
 - 5) Bracket closing king pin integrated with ball race ring
- Available with total front foot brake

mm	mm	kg	CODE	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	mm	mm	daN
80	25	0.45	525801	0.44	526001	0.57	526301	110	95x80	100x85	80x60	8.8	33	120		65
100	30	0.54	525802	0.53	526002	0.68	526302	127	95x80	100x85	80x60	8.8	29	120		80
125	37.5	0.78	525803	0.76	526003	0.89	526303	154	95x80	100x85	80x60	8.8	32	120		110

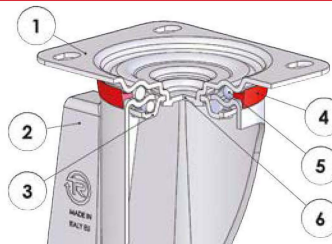


- 1) Plate in electrolytically galvanised printed steel plate
 - 2) Fork in electrolytically galvanised printed steel plate
 - 3) Ball Race Ring in electrolytically galvanised printed steel plate
 - 4) Bracket closing king pin integrated with ball race ring
 - 5) Swivel actions: on two ball race rings lubricated with grease
- Available with total front foot brake

mm	mm	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	daN
80	25	0.40	526101	0.50	526201	110	63	12	33	120	65
100	30	0.49	526102	0.60	526202	127	63	12	29	120	80
125	37.5	0.72	526103	0.82	526203	154	63	12	32	120	110

BLACK RUBBER WHEELS WITH POLYPROPYLENE CENTRE

Standard-duty brackets NL - max carrying capacity 300 daN



- 1) Plate: electrolytically galvanised steel plate
 - 2) Fork: electrolytically galvanised steel plate
 - 3) Ball race ring: electrolytically galvanised steel plate
 - 4) Dust seal: orange polyethylene
 - 5) Swivel actions: double ball ring with grease lubrication
 - 6) King pin: integrated with the plate and cold-riveted
- Available with total front foot brake

mm	mm	kg	CODE	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	daN
80	25	0.64	524401	0.36	525701	0.82	525201	107	100x85	80x60	9	37	120	65
100	30	0.73	524402	0.48	525702	0.88	525202	128	100x85	80x60	9	35	120	80
125	37.5	1.06	524403	0.71	525703	1.20	525203	156	100x85	80x60	9	37	120	110
140	37.5	1.18	524404	0.80	525704	1.32	525204	177	100x85	80x60	9	34	120	120
150	40	1.31	524411	0.93	525711	1.45	525211	182	100x85	80x60	9	34	120	130
160B	40	1.41	524412	1.25	525712			187	100x85	80x60	9	50		150
160	40	2.10	524410	1.73	525710	2.38	525210	199	140x110	105x80	11	56	156	150
180	45	2.40	524405	2.11	525705	2.69	525205	219	140x110	105x80	11	56	156	180
200	50	2.72	524406	2.50	525706	3.00	525206	240	140x110	105x80	11	56	156	225
250	60	6.02	524708	4.52	525708			296	200x160	160x120	14	87		300

80	25	0.69	524601	0.39	525901	0.86	525221	107	100x85	80x60	9	37	120	65
100	30	0.78	524602	0.51	525902	0.93	525222	128	100x85	80x60	9	35	120	80
125	37.5	1.09	524603	0.73	525903	1.24	525223	156	100x85	80x60	9	37	120	110
140	37.5	1.20	524604	0.82	525904	1.35	525224	177	100x85	80x60	9	34	120	120
150	40	1.31	524611	0.93	525911	1.45	525231	182	100x85	80x60	9	34	120	130
160B	40	1.43	524612	1.23	525912			187	100x85	80x60	9	50		150
160	40	2.18	524610	1.75	525910	2.47	525230	199	140x110	105x80	11	56	156	150
180	45	2.40	524605	2.27	525905	2.68	525225	219	140x110	105x80	11	56	156	180
200	50	2.76	524606	2.67	525906	3.04	525226	240	140x110	105x80	11	56	156	225
250	60	6.12	524908	4.70	525908			296	200x160	160x120	14	87		300

Options available to order:



Bracket with rear brake
d. 150-200 mm



Bracket with directional lock
d. 80-125 mm

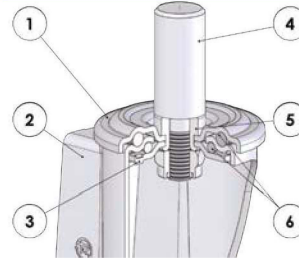


Directional lock for brackets
d. 150-200 mm















SERIES **52**

**BLACK RUBBER WHEELS
WITH POLYPROPYLENE CENTRE**

Standard-duty brackets NL - max carrying capacity 300 daN



- 1) Plate: electrolytically galvanised steel plate
 - 2) Fork: electrolytically galvanised steel plate
 - 3) Ball race ring: electrolytically galvanised steel plate
 - 4) Solid stem: galvanised steel
 - 5) King pin: bushing in galvanised steel
 - 6) Swivel actions: double ball ring with grease lubrication
- Available with total front foot brake

																	
mm	mm	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	mm	daN	4 km/h				
100	30	0,81	529202	0,96	529302	128	73	22	47	35	120	80					
125	37.5	1,11	529203	1,28	529303	156	73	22	47	37	120	110					
150	40	1,34	529211	1,50	529311	182	73	22	47	34	120	130					
160	40	2,32	529210	2,62	529310	193	102	26	56	56	156	150					
160	40	2,96	525520	3,26	525620	193	102	40	86	56	156	150					
200	50	2,96	529206	3,27	529306	236	102	26	56	56	156	225					
200	50	3,60	525516	3,91	525616	236	102	40	86	56	156	225					