BLACK RUBBER WHEELS WITH POLYPROPYLENE CENTRE

80-250 mm

80 Shore A

65-300 daN
4 km/h

50-175 daN

-20 / +60 °C



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		WEAK BASES	
STRONG ACIDS		STRONG BASES	
WATER		HYDROCARBONS	
ALCOHOL		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



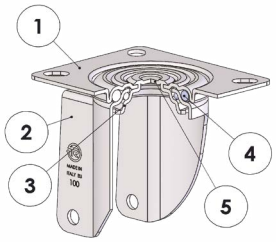
						Static		4 km/h
mm	mm	kg	CODE	mm	mm	daN	daN	daN
80	25	0.11	522101	12	39	**150**	**50**	**65**
100	30	0.21	522102	12	44	**200**	**75**	**80**
100	30	0.19	521132	12	39	**200**	**75**	**80**
125	37.5	0.41	521103	15	44	**225**	**85**	**110**
125	37.5	0.35	521133	12	39	**225**	**85**	**110**
140	37.5	0.48	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**



						Static		4 km/h
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

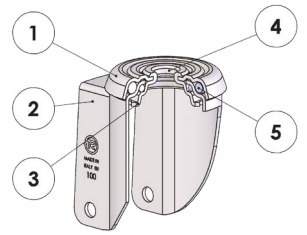




1) Plate in electrolytically galvanised printed steel plate
2) Fork in electrolytically galvanised printed steel plate
3) Ball Race Ring in electrolytically galvanised printed steel plate
4) Swivel actions: on two ball race rings lubricated with grease
5) Bracket closing king pin integrated with ball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

																4 km/h
mm	mm	kg	CODE	kg	CODE	kg	CODE	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

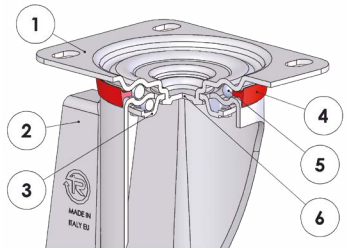
											4 km/h
mm	mm	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	daN
80	25	0.40	526101	0.50	526201	110	63	12	33	120	**65**
100	30	0.49	526102	0.60	526202	127	63	12	29	120	**80**
125	37.5	0.72	526103	0.82	526203	154	63	12	32	120	**110**

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

															4 km/h
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	40	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			185	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	40	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			185	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



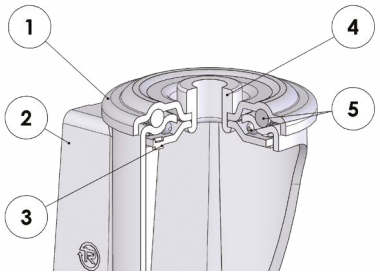
Bracket with directional lock d. 80-125 mm



Directional lock for brackets d. 150-200 mm

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) King pin: bushing in electrolytically galvanised steel
5) Swivel actions: double ball ring with grease lubrication

Available with total front foot brake

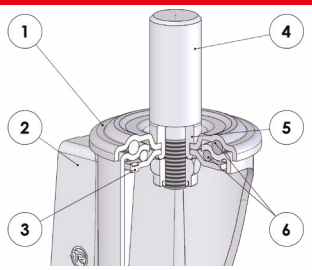
											4 km/h
mm	mm	kg	CODE	kg	CODE	mm	mm	mm	mm	mm	daN
80	25	0.55	527701	0.68	525601	107	73	12	40	120	**65**
100	30	0.68	527702	0.75	525602	128	73	12	35	120	**80**
125	37.5	0.96	527703	1.10	525603	156	73	12	37	120	**110**
140	37.5	1.12	527704	1.26	525604	177	73	12	34	120	**120**
150	40	1.25	527711	1.39	525611	182	73	12	34	120	**130**
160	40	1.44	527710	1.73	525610	193	102	20	56	156	**150**
180	45	2.28	527705	2.57	525605	214	102	20	56	156	**180**
200	50	2.62	527706	2.91	525606	236	102	20	56	156	**225**
80	25	0.58	527901	0.70	525621	107	73	12	40	120	**65**
100	30	0.71	527902	0.78	525622	128	73	12	35	120	**80**
125	37.5	1.08	527903	1.23	525623	156	73	12	37	120	**110**
140	37.5	1.19	527904	1.34	525624	177	73	12	34	120	**120**
150	40	1.35	527911	1.50	525631	182	73	12	34	120	**130**
160	40	1.47	527910	1.75	525630	193	102	20	56	156	**150**
180	45	2.44	527905	2.73	525625	214	102	20	56	156	**180**
200	50	2.80	527906	3.08	525626	236	102	20	56	156	**225**

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
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**

4 km/h