

BLUE POLYAMIDE 6 SOLID WHEELS

	80-125 mm
	70 Shore D
	180-220 daN 4 km/h
	150-200 daN
	-30 / +80 °C

INOX



Description

Polyamide 6 solid wheels, blue colour, hardness 70 Shore D.

Hub with plain bore which directly houses the axle.

Uses

Specifically designed for use in the food industry, thanks to the excellent resistance to washing and to chemical aggressives as well as to their fitting with stainless steel brackets.

The use of blue plastic components is often required by food companies because of the high visibility of the blue tone. It assists in quickly identifying any particle which may accidentally end up in contact with the food, thus minimizing the risk of contamination.

Moreover, it is easier to ensure the cleanliness of the castors as spores, mould, food residues and detergents are more visible in comparison to wheels of other colors. These wheels are intended mainly for static uses, for medium-heavy load. The excellent rolling resistance ensures that minimum effort is needed in handling, but only on smooth floors.

Examples of recommended applications: meat, fish and vegetable processing machines, mixers.

Environments of use

Designed for industrial environments, even in presence of aggressive chemical substances. Not recommended in areas with strong organic acids and concentrated mineral acids.

WEAK ACIDS	
STRONG ACIDS	
WATER	
ALCOHOL	

WEAK BASES	
STRONG BASES	
HYDROCARBON	
SOLVENTS	

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

Floors

Suitable only for smooth and compact floors.
Not suited for areas with obstacles.



Force required to push or tow a wheel

	100 kg	200 kg	300 kg	400 kg
80 mm	4	----	----	----
100 mm	3,5	6	9	----
125 mm	2,5	5	6	8

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

**Standard-duty brackets NLX in stainless steel**

Maximum carrying capacity of 220 daN - available diameters 80-125 mm

Top plate and bolt hole fittings. Available with front brake.

Options available to order



Wheels with diameters 150-200 mm.



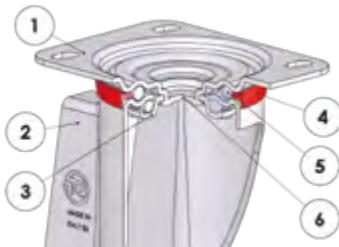
Polyamide 6 wheels for heavy loads (diam. 125-200 mm).



mm	mm	kg	COD.	mm	mm.	daN	daN	daN											
80	30	0,08	681111BLU	12	39	200	150	180											
100	30	0,13	681112BLU	12	44	350	175	300											
125	38	0,23	681103BLU	15	44	450	200	400											

Stainless steel standard-duty brackets NLX - max carrying capacity 220 daN

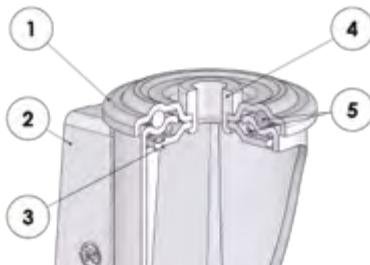
INOX



- 1) Plate: AISI 304 stainless steel
- 2) Fork: AISI 304 stainless steel
- 3) Ball race ring: AISI 304 stainless steel
- 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	COD.	kg	COD.	kg	COD.	mm	mm	mm	mm	mm	mm	mm	mm	daN	4 km/h
80	30	0,55	684401BLU	0,29	685401BLU	0,73	689001BLU	107	100x85	80x60	9	40	120	180			
100	30	0,61	684402BLU	0,36	685402BLU	0,76	689002BLU	128	100x85	80x60	9	35	120	200			
125	38	0,78	684403BLU	0,63	685403BLU	0,95	689003BLU	156	100x85	80x60	9	37	120	220			



- 1) Plate: AISI 304 stainless steel
- 2) Fork: AISI 304 stainless steel
- 3) Ball race ring: AISI 304 stainless steel
- 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