

Series 68 INJECTION MOULDED VIRGIN NYLON 6 WHEELS

Features

DESCRIPTION

This series offers a natural colour injection moulded virgin nylon 6 wheel which is available with plain, roller bearing or ball bearing bore (200mm only).

The wheel can be fitted in the following castor housings:

- Standard duty top plate swivel, fixed and swivel with foot brake-NL.
- Standard duty bolt hole swivel and bolt hole swivel with foot brake-NL.
- Standard duty stainless steel top plate swivel, fixed and swivel with foot brake-NLX.
- Standard duty stainless steel bolt hole swivel and bolt hole swivel with foot brake-NLX.
- Medium-heavy duty top plate swivel, fixed and swivel with foot brake-P.
- Medium-heavy duty stainless steel top plate swivel, fixed and swivel with foot brake-PX.

RECOMMENDED USES

This wheel type is recommended for standard to medium-heavy duty loads.

CARRYING CAPACITY

120Kg - 1200Kg

DIAMETER

65mm - 250mm

WORKING ENVIRONMENT

- Manual handling applications.
- Suitable for use on compact floors e.g. cement, stone tiles, metallic, epoxy resins etc.
- Particularly recommended for the food processing industry. Not recommended for use with concentrated organic acids or strong mineral acids.

TEMPERATURE

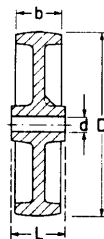
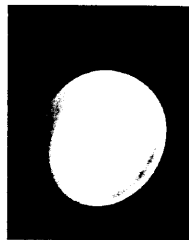
-30°C to +80°C

SPECIFICATION

In accordance with ISO 2175. Defines castor and/or wheel application appropriate with environmental conditions - load, speed of use, temperature, floor condition and cycle time. For further advice and details please consult your supplier as it is sometimes necessary to select a wheel or castor with a specification several times greater than conditions appear to warrant, in order to achieve a particular performance criteria.

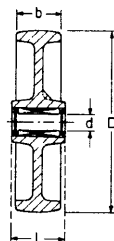
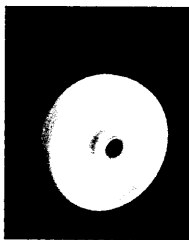
Wheels

PLAIN BORE WHEEL



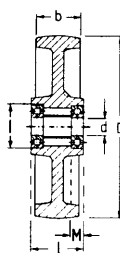
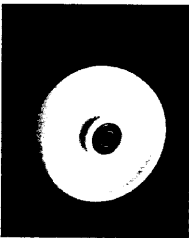
Wheel diameter D	Tread width b	Bore d	Hub length L	Static capacity Kg	Rolling resistance Kg	Carrying capacity Kg	Plain Bearing Plate	
							Unit weight Kg	Code No.
65	30	12	34	125	90	120	0.055	1100
80	30	12	34	200	150	180	0.075	1101
100	30	12	34	350	175	300	0.125	1102
125	40	15	44	450	200	400	0.255	1103
150	45	20	59	600	250	550	0.340	1104
175	45	20	59	700	275	630	0.470	1105
200	50	20	59	800	315	730	0.635	1106
250	60	25	88	1300	450	1200	1.265	1108

ROLLER BEARING WHEEL



Wheel diameter D	Tread width b	Bore d	Hub length L	Static capacity Kg	Rolling resistance Kg	Carrying capacity Kg	Roller Bearing Robe		S. Steel Roller Bearing Robe	
							Unit weight Kg	Code No.	Unit weight Kg	Code No.
80	30	12	34	200	150	180	0.100	3101	0.100	3201
100	30	12	34	350	175	300	0.155	3102	0.155	3202
125	40	15	44	450	200	400	0.285	3103	0.285	3203
150	45	20	59	600	250	550	0.515	3104	0.515	3204
175	45	20	59	700	275	630	0.605	3105	0.605	3205
200	50	20	59	800	315	730	0.765	3106	0.765	3206
250	60	25	88	1300	450	1200	1.380	3108	-	-

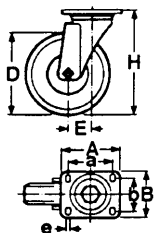
BALL BEARING BORE WHEEL



Wheel diameter D	Tread width b	Bore d	Hub length L	Bearing housing depth I	Housing depth M	Static capacity Kg	Rolling resistance Kg	Carrying capacity Kg	Ball Bearing Bore		Housing without Ball Bearing	
									Unit weight Kg	Code No.	Unit weight Kg	Code No.
200	50	20	60	47	14	800	400	730	0.870	3306	0.630	2106
200	50	25	60	47	14	800	400	730	0.830	3316	0.630	2106

Standard Duty Castors – NL

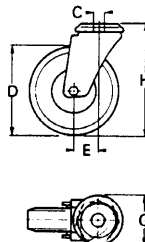
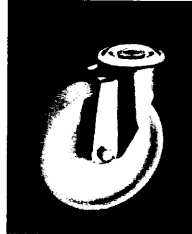
SWIVEL CASTOR



Wheel diameter Tread width D b	Overall height H	Plate dimensions Ax B	Hole spacing ax b	Hole width e	Offset F	Carrying capacity Kg	Plain Bearing Plate		Roller Bearing Robe		Ball Bearing Babe	
							Unit weight Kg	Code No.	Unit weight Kg	Code No.	Unit weight Kg	Code No.
65 30	100	100x85	80x60	9	36	120	0.583	4500	-	-	-	-
80 30	107	100x85	80x60	9	36	180	0.603	4501	0.628	4801	-	-
100 30	128	100x85	80x60	9	40	200	0.660	4502	0.690	4802	-	-
125 40	156	100x85	80x60	9	46	220	0.897	4503	0.927	4803	-	-
125 40	156	140x110	105x80	11	46	220	1.096	4513	1.126	4813	-	-
150 45	182	100x85	80x60	9	50	220	1.022	4512	1.197	4812	-	-
150 45	192	140x110	105x80	11	56	300	1.707	4504	1.882	4804	-	-
175 45	215	140x110	105x80	11	56	300	1.849	4505	1.984	4805	-	-
200 50	240	140x110	105x80	11	56	300	2.042	4506	2.172	4806	2.277	4866
250 60	296	200x160	160x120	14	86	400	4.690	4108	-	-	-	-

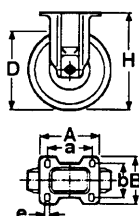
Standard Duty Castors – NL

BOLT HOLE SWIVEL CASTOR



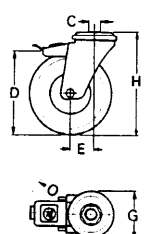
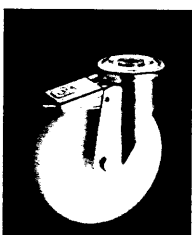
Wheel diameter Tread width D b	Overall height H	Hole diameter C	Plate diameter G	Offset E	Carrying capacity Kg	Plain Bearing Plate		Roller Bearing Robe		Ball Bearing Babe	
						Unit weight Kg	Code No.	Unit weight Kg	Code No.	Unit weight Kg	Code No.
65 30	100	12	80	36	120	0.513	7700	-	-	-	-
80 30	107	12	80	36	180	0.533	7701	0.538	7901	-	-
100 30	128	12	80	40	200	0.588	7702	0.618	7902	-	-
125 40	156	12	80	46	220	0.844	7703	0.874	7903	-	-
150 45	188	20	106	56	300	1.570	7704	1.745	7904	-	-
175 45	212	20	106	56	300	1.729	7705	1.864	7905	-	-
200 50	236	20	106	56	300	1.946	7706	2.076	7906	2.181	8006

FIXED CASTOR



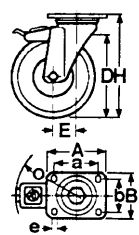
Wheel diameter Tread width D b	Overall height H	Plate dimensions Ax B	Hole spacing ax b	Hole width e	Offset F	Carrying capacity Kg	Plain Bearing Plate		Roller Bearing Robe		Ball Bearing Babe	
							Unit weight Kg	Code No.	Unit weight Kg	Code No.	Unit weight Kg	Code No.
65 30	100	100x85	80x60	9	36	120	0.305	5100	-	-	-	-
80 30	107	100x85	80x60	9	36	180	0.325	5101	0.350	5301	-	-
100 30	128	100x85	80x60	9	40	200	0.390	5102	0.420	5302	-	-
125 40	156	100x85	80x60	9	46	220	0.550	5103	0.580	5303	-	-
125 40	156	140x110	105x80	11	46	220	0.852	5143	0.882	5323	-	-
150 45	182	100x85	80x60	9	50	220	0.820	5142	0.995	5322	-	-
150 45	192	140x110	105x80	11	56	300	1.340	5104	1.515	5304	-	-
175 45	215	140x110	105x80	11	56	300	1.560	5105	1.695	5305	-	-
200 50	240	140x110	105x80	11	56	300	1.825	5106	1.955	5306	2.060	5166
250 60	296	200x160	160x120	14	86	400	3.187	5108	-	-	-	-

BOLT HOLE SWIVEL CASTOR WITH FOOT BRAKE



Wheel diameter Tread width D b	Overall height H	Hole diameter C	Plate diameter G	Offset E	Pedal length O	Carrying capacity Kg	Plain Bearing Plate		Roller Bearing Robe		Ball Bearing Babe	
							Unit weight Kg	Code No.	Unit weight Kg	Code No.	Unit weight Kg	Code No.
80 30	107	12	80	36	120	180	0.708	6701	0.733	6721	-	-
100 30	128	12	80	40	120	200	0.795	6702	0.825	6722	-	-
125 35	156	12	80	46	120	220	0.989	6703	1.019	6723	-	-
150 45	188	20	106	56	156	300	1.855	6704	2.030	6724	-	-
175 45	212	20	106	56	156	300	2.014	6705	2.149	6725	-	-
200 50	236	20	106	56	156	300	2.231	6706	2.334	6726	2.466	6606

SWIVEL CASTOR WITH FOOT BRAKE



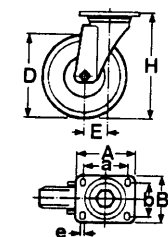
Wheel diameter Tread width D b	Overall height H	Plate dimensions Ax B	Hole spacing ax b	Hole width e	Offset F	Pedal length O	Carrying capacity Kg	Plain Bearing Plate		Roller Bearing Robe		Ball Bearing Babe	
								Unit weight Kg	Code No.	Unit weight Kg	Code No.	Unit weight Kg	Code No.
80 30	107	100x85	80x60	9	36	120	180	0.778	6801	0.803	6821	-	-
100 30	128	100x85	80x60	9	40	120	200	0.851	6802	0.881	6822	-	-
125 35	156	100x85	80x60	9	46	120	220	1.042	6803	1.072	6823	-	-
125 40	156	140x110	105x80	11	46	120	220	1.295	6843	1.325	6853	-	-
150 45	192	140x110	105x80	11	56	156	300	1.992	6804	2.167	6824	-	-
175 45	215	140x110	105x80	11	56	156	300	2.134	6805	2.269	6825	-	-
200 50	240	140x110	105x80	11	56	156	300	2.327	6806	2.457	6826	2.544	6846

Threaded stem & solid plug fitting are available to be fitted with bolt hole castor. See accessories page 85.

Series 68 INJECTION MOULDED VIRGIN NYLON 6 WHEELS

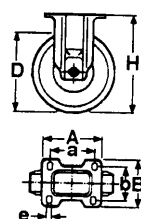
Medium-Heavy Duty Castors - P

SWIVEL CASTOR



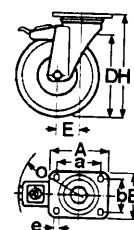
Wheel diameter Tread width D b	Overall height H	Plate dimensions Ax B	Hole spacing axb	Hole width e	Hole offset F	Carrying capacity Kg	Plain Bearing Plate		Roller Bearing Robe		Ball Bearing Babe	
							Unit weight Kg	Code No.	Unit weight Kg	Code No.	Unit weight Kg	Code No.
100 30	138	100x85	80x60	9	46	300	0.995	7502	1.025	7602	-	-
125 40	161	100x85	80x60	9	48	350	1.160	7503	1.190	7603	-	-
150 45	200	140x110	105x80	12	70	550	2.690	7504	2.865	7604	-	-
175 45	225	140x110	105x80	12	70	630	2.860	7505	2.995	7605	-	-
200 50	250	140x110	105x80	12	70	730	3.105	7506	3.265	7606	3.340	4966

FIXED CASTOR



Wheel diameter Tread width D b	Overall height H	Plate dimensions Ax B	Hole spacing axb	Hole width e	Carrying capacity Kg	Plain Bearing Plate		Roller Bearing Robe		Ball Bearing Babe	
						Unit weight Kg	Code No.	Unit weight Kg	Code No.	Unit weight Kg	Code No.
100 30	138	100x85	80x60	9	300	0.500	8502	0.530	8602	-	-
125 40	161	100x85	80x60	9	350	0.635	8503	0.665	8603	-	-
150 45	200	140x110	105x80	12	550	1.255	8504	1.430	8604	-	-
175 45	225	140x110	105x80	12	630	1.445	8505	1.580	8605	-	-
200 50	250	140x110	105x80	12	730	1.645	8506	1.805	8606	1.880	5366

SWIVEL CASTOR WITH FOOT BRAKE

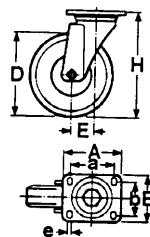


Wheel diameter Tread width D b	Overall height H	Plate dimensions Ax B	Hole spacing axb	Hole width e	Hole offset F	Pedal length O	Carrying capacity Kg	Plain Bearing Plate		Roller Bearing Robe		Ball Bearing Babe	
								Unit weight Kg	Code No.	Unit weight Kg	Code No.	Unit weight Kg	Code No.
100 30	138	100x85	80x60	9	46	120	300	1.140	6902	1.170	6922	-	-
125 35	161	100x85	80x60	9	48	120	350	1.305	6903	1.335	6923	-	-
150 45	200	140x110	105x80	12	70	156	550	2.975	6904	3.140	6924	-	-
175 45	225	140x110	105x80	12	70	156	630	3.145	6905	3.280	6925	-	-
200 50	250	140x110	105x80	12	70	156	730	3.390	6906	3.550	6926	3.625	6946

N.B. For applications which involve mechanical towing, we recommend broaching both the axle and the castor pin.

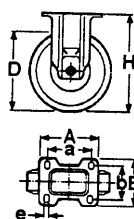
Standard Duty Stainless Steel Castors - NLX

STAINLESS STEEL SWIVEL CASTOR



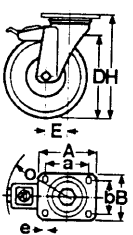
Wheel diameter Tread width D b	Overall height H	Plate dimensions Ax B	Hole spacing axb	Hole width e	Hole offset F	Carrying capacity Kg	Plain Bearing Plate		S. Steel Roller Bearing Robe	
							Unit weight Kg	Code No.	Unit weight Kg	Code No.
80 30	107	100x85	80x60	9	36	180	0.555	4401	0.580	4601
100 30	128	100x85	80x60	9	40	200	0.610	4402	0.640	4602
125 40	156	100x85	80x60	9	46	220	0.800	4403	0.830	4603
150 45	192	140x110	105x80	11	56	300	1.650	4404	1.825	4604
175 45	215	140x110	105x80	11	56	300	1.790	4405	1.925	4605
200 50	240	140x110	105x80	11	56	300	2.015	4406	2.145	4606

STAINLESS STEEL FIXED CASTOR



Wheel diameter Tread width D b	Overall height H	Plate dimensions Ax B	Hole spacing axb	Hole width e	Carrying capacity Kg	Plain Bearing Plate		S. Steel Roller Bearing Robe	
						Unit weight Kg	Code No.	Unit weight Kg	Code No.
80 30	107	100x85	80x60	9	180	0.295	5401	0.320	5601
100 30	128	100x85	80x60	9	200	0.365	5402	0.375	5602
125 40	156	100x85	80x60	9	220	0.635	5403	0.665	5603
150 45	192	140x110	105x80	11	300	1.210	5404	1.385	5604
175 45	215	140x110	105x80	11	300	1.350	5405	1.485	5605
200 50	240	140x110	105x80	11	300	1.560	5406	1.690	5606

S. STEEL SWIVEL CASTOR WITH S. STEEL FOOT BRAKE

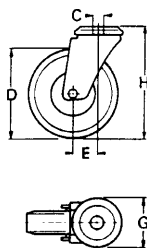
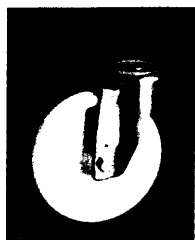


Wheel diameter Tread width D b	Overall height H	Plate dimensions Ax B	Hole spacing axb	Hole width e	Hole offset F	Pedal length O	Carrying capacity Kg	Plain Bearing Plate		S. Steel Roller Bearing Robe	
								Unit weight Kg	Code No.	Unit weight Kg	Code No.
80 30	107	100x85	80x60	9	36	120	180	0.725	9001	0.750	9101
100 30	128	100x85	80x60	9	40	120	200	0.793	9002	0.823	9102
125 35	156	100x85	80x60	9	46	120	220	0.945	9003	0.975	9103
150 45	192	140x110	105x80	11	56	156	300	1.935	9004	2.110	9104
175 45	215	140x110	105x80	11	56	156	300	2.075	9005	2.210	9105
200 50	240	140x110	105x80	11	56	156	300	2.300	9006	2.430	9106

Standard Duty Stainless Steel Castors – NLX

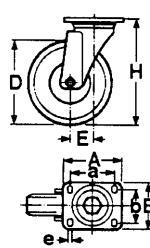
Medium-Heavy Duty S. Steel Castors – PX

STAINLESS STEEL BOLT HOLE SWIVEL CASTOR



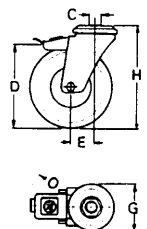
Wheel diameter D	Tread width b	Overall height H	Hole diameter C	Plate diameter G	Offset E	Carrying capacity Kg	Plain Bearing Plate		S. Steel Roller Bearing Robe	
							Unit weight Kg	Code No.	Unit weight Kg	Code No.
80	30	107	12	80	36	180	0.492	5801	0.517	5901
100	30	128	12	80	40	200	0.575	5802	0.605	5902
125	40	157	12	80	46	220	0.785	5803	0.815	5903
150	45	188	20	106	56	300	1.447	5804	1.622	5904
175	45	212	20	106	56	300	1.603	5805	1.738	5905
200	50	236	20	106	56	300	1.930	5806	2.060	5906

STAINLESS STEEL SWIVEL CASTOR



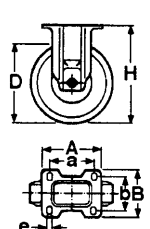
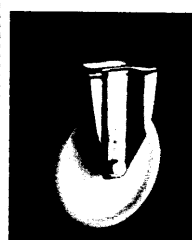
Wheel diameter D	Tread width b	Overall height H	Plate dimensions Ax B	Hole spacing axb	Hole width e	Offset E	Carrying capacity Kg	Plain Bearing Plate		S. Steel Roller Bearing Robe	
								Unit weight Kg	Code No.	Unit weight Kg	Code No.
150	45	200	140x110	105x80	12	70	550	2.654	7004	2.825	7314
175	45	225	140x110	105x80	12	70	630	2.820	7005	2.950	7315
200	50	250	140x110	105x80	12	70	730	3.060	7006	3.220	7316

S. STEEL BOLT HOLE SWIVEL CASTOR WITH S. STEEL FOOT BRAKE



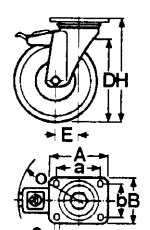
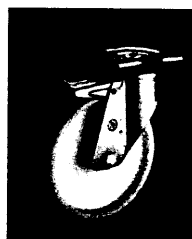
Wheel diameter D	Tread width b	Overall height H	Hole diameter C	Plate diameter G	Offset E	Pedal length O	Carrying capacity Kg	Plain Bearing Plate		S. Steel Roller Bearing Robe	
								Unit weight Kg	Code No.	Unit weight Kg	Code No.
80	30	107	12	80	36	120	180	0.662	6001	0.687	6021
100	30	128	12	80	40	120	200	0.778	6002	0.808	6022
125	35	157	12	80	46	120	220	0.930	6003	0.960	6023
150	45	188	20	106	56	156	300	1.752	6004	1.907	6024
175	45	212	20	106	56	156	300	1.888	6005	2.023	6025
200	50	236	20	106	56	156	300	2.215	6006	2.345	6026

STAINLESS STEEL FIXED CASTOR



Wheel diameter D	Tread width b	Overall height H	Plate dimensions Ax B	Hole spacing axb	Hole width e	Carrying capacity Kg	Plain Bearing Plate		S. Steel Roller Bearing Robe	
							Unit weight Kg	Code No.	Unit weight Kg	Code No.
150	45	200	140x110	105x80	12	550	1.230	7114	1.410	7414
175	45	225	140x110	105x80	12	630	1.420	7115	1.560	7415
200	50	250	140x110	105x80	12	730	1.620	7116	1.780	7416

S. STEEL SWIVEL CASTOR WITH S. STEEL FOOT BRAKE



Wheel diameter D	Tread width b	Overall height H	Plate dimensions Ax B	Hole spacing axb	Hole width e	Offset E	Pedal length O	Carrying capacity Kg	Plain Bearing Plate		S. Steel Roller Bearing Robe	
									Unit weight Kg	Code No.	Unit weight Kg	Code No.
150	45	200	140x110	105x80	12	70	156	550	2.935	7214	3.090	7514
175	45	225	140x110	105x80	12	70	156	630	3.100	7215	3.235	7515
200	50	250	140x110	105x80	12	70	156	730	3.345	7216	3.306	7516

N.B. For applications which involve mechanical towing, we recommend broaching both the axle and the castor pin.