

the **Flexello**
castor collection

keeping your industry in motion



colson

Flexello Standard Range

Plate Fitting

RUBBER

Wheel	Bearing	Load kg	Plate Size	Bolt Centres	Bolt Dia.	Overall Height	Offset	Swivel Code	Brake Code
50 x 18	Plain	50	60 x 60	48/38 x 48/38	6.3	68	23	BSRN 0501 0011	BBRN 0501 0011
75 x 23	Plain	70	60 x 60	48/38 x 48/38	6.3	97	30	BSRN 0751 0011	BBRN 0751 0011
100 x 27	Plain	80	76 x 76	57 x 57	8.5	132	38	BSRN 1001 0021	BBRN 1001 0021
125 x 27	Plain	100	76 x 76	57 x 57	8.5	155	42	BSRN 1251 0021	BBRN 1251 0021



NYLON/PP

Wheel	Bearing	Load kg	Plate Size	Bolt Centres	Bolt Dia.	Overall Height	Offset	Swivel Code	Brake Code
50 x 18	Plain	50	60 x 60	48/38 x 48/38	6.3	68	23	BSED 0501 0010	BBED 0501 0010
75 x 23	Plain	70	60 x 60	48/38 x 48/38	6.3	97	30	BSED 0751 0010	BBED 0751 0010
100 x 27	Roller B	80	76 x 76	57 x 57	8.5	132	38	BSNY 1001 1020	BBNY 1001 1020
125 x 27	Roller B	100	76 x 76	57 x 57	8.5	155	42	BSNY 1251 1020	BBNY 1251 1020



Single Bolt Hole

RUBBER

Wheel	Bearing	Load kg	Bolt Dia.	Overall Height	Offset	Swivel Code	Brake Code
50 x 18	Plain	50	10mm	67	23	BSRN 0502 0101	BBRN 0502 0101
75 x 23	Plain	70	10mm	95	30	BSRN 0752 0101	BBRN 0752 0101
100 x 27	Plain	80	12mm	130	38	BSRN 1002 0121	BBRN 1002 0121
125 x 27	Plain	100	12mm	153	42	BSRN 1252 0121	BBRN 1252 0121



NYLON/PP

Wheel	Bearing	Load kg	Bolt Dia.	Overall Height	Offset	Swivel Code	Brake Code
50 x 18	Plain	50	10mm	67	23	BSED 0502 0100	BBED 0502 0100
75 x 23	Plain	70	10mm	95	30	BSED 0752 0100	BBED 0752 0100
100 x 27	Roller B	80	12mm	130	38	BSNY 1002 1120	BBNY 1002 1120
125 x 27	Roller B	100	12mm	153	42	BSNY 1252 1120	BBNY 1252 1120



Threaded Stem

RUBBER

Wheel	Bearing	Load kg	Stem Size	Overall Height	Offset	Swivel Code	Brake Code
50 x 18	Plain	50	M10x20	67	23	BSRN 0504 0321	BBRN 0504 0321
75 x 23	Plain	70	M10x20	95	30	BSRN 0754 0321	BBRN 0754 0321
100 x 27	Plain	80	M12x25	130	38	BSRN 1004 0471	BBRN 1004 0471
125 x 27	Plain	100	M12x25	153	42	BSRN 1254 0471	BBRN 1254 0471



NYLON/PP

Wheel	Bearing	Load kg	Stem Size	Overall Height	Offset	Swivel Code	Brake Code
50 x 18	Plain	50	10x20mm	67	23	BSED 0504 0320	BBED 0504 0320
75 x 23	Plain	70	10x20mm	95	30	BSED 0754 0320	BBED 0754 0320
100 x 27	Roller B	80	12x25mm	130	38	BSNY 1004 1470	BBNY 1004 1470
125 x 27	Roller B	100	12x25mm	153	42	BSNY 1254 1470	BBNY 1254 1470



Accessories

Heavy Duty Expanders



- To suit 30mm square tube 1.2 - 1.5 gauge
- 90mm long, enabling even contact in the tube
- Nylon expander fitted with delrin cones and blocks top and bottom
- Construction ensures even expansion, extra rigidity and reliability
- Re-usable

For Round Tubes

Code	Expansion Range mm	Bolt
BXRO00000300	27	M12

For Square Tubes

Code	Expansion Range mm	Bolt
BXSQ00000290	27	M10
BXSQ00000300	27	M12
BXSQ00000840	36-40	M12

General Purpose Expanders



- A comprehensive range of nylon expanders
- To suit round and square tube
- 19mm to 30mm expansion range

For Round Tubes

Code	Expansion Range mm	Bolt
BXRO00000140	19-21	M10
BXRO00000160	21.5-24	M10
BXRO00000180	27-30	M10

For Square Tubes

Code	Expansion Range mm	Bolt
BXSQ00000230	19-21	M10
BXSQ00000250	21.5-24	M10
BXSQ00000270	27-30	M10

Threaded Pin for American Castors



- Converts M12 bolt hole castors to American threaded pin
- M12 to 5/8 unc x 18mm long, 11 T.P.I.
- Mild steel, zinc plated



30mm Adjustable Feet

(Flanged BAFL 0300 0740) (Hexagon BAHE 0300 0740)

- Finish - natural zamak
- Tube size - 30mm square, wall thickness 1.2 - 1.5 gauge
- Adjustable - 35mm
- Load rating - 300kgs

30mm adjustable castor fitting

- Suitable for all types of M12 bolt hole castors, where castor height adjustment is required. Tube size - 30mm square, wall thickness 1.2 - 1.5 gauge.
- Adjustment - 28mm
- Load rating - as castor load rating

	Wheel Dia.	Load kg	Fitting	Standard Height	Adjustment Range	Swivel Code	Brake Code
PP	100x27	75	30mm	130	28mm	BSED 1004 0740 ADJ	BBED 1004 0740 ADJ
	125x27	80	30mm	153	28mm	BSED 1254 0740 ADJ	BBED 1254 0740 ADJ
NYLON	100x27	80	30mm	130	28mm	BSNY 1004 1740 ADJ	BBNY 1004 1740 ADJ
	125x 27	100	30mm	153	28mm	BSNY 1254 1740 ADJ	BBNY 1254 1740 ADJ
RUBBER	100x27	80	30mm	130	28mm	BSRN 1004 0740 ADJ	BBRN 1004 0740 ADJ
	125x 27	100	30mm	153	28mm	BSRN 1254 0740 ADJ	BBRN 1254 0740 ADJ



Apparatus Castors

Suitable for a whole range of light-duty applications, these sheet steel, double ball-race castors are fitted with precision or plain bearing wheels with TPR tyres.

Bolt-Hole Fitting

Wheel Size mm	Bolt mm	Fitting Height mm	Load kg	Wheel Bearing	Swivel Code	Total Lock Code
100	12	135	80	Plain	FASTP10020120	FABTP10020120
				Precision	FASTP10022122	FABTP10022122
125	12	160	100	Plain	FASTP12520120	FABTP12520120
				Precision	FASTP12522122	FABTP12522122



D Series

A comprehensive range of medium-duty, pressed steel, zinc-plated castors with double ball-race swivel head construction. Castors in 80-200mm sizes are available with a wide choice of wheel materials and fitting options.

Plate Fitting

Wheel Size mm	Plate Size mm	Hole Centres mm	Bolt mm	Fitting Height mm	Load * kg	Wheel Bearing	Swivel Code	Total Lock Code	Fixed Code
80	105 x 85	80/77 x 60	9	108	130	Plain	DS** 0801 0030	DB** 0801 0030	DF** 0801 0030
						Roller	DS** 0801 1030	DB** 0801 1030	DF** 0801 1030
100	105 x 85	80/77 x 60	9	128	150	Plain	DS** 1001 0030	DB** 1001 0030	DF** 1001 0030
						Roller	DS** 1001 1030	DB** 1001 1030	DF** 1001 1030
125	105 x 85	80/77 x 60	9	155	200	Plain	DS** 1251 0030	DB** 1251 0030	DF** 1251 0030
						Roller	DS** 1251 1030	DB** 1251 1030	DF** 1251 1030
160	137 x 105	105 x 80/75	11	200	250	Plain	DS** 1601 0040	DB** 1601 0040	DF** 1601 0040
						Roller	DS** 1601 1040	DB** 1601 1040	DF** 1601 1040
200	137 x 105	105 x 80/75	11	240	250	Plain	DS** 2001 0040	DB** 2001 0040	DF** 2001 0040
						Roller	DS** 2001 1040	DB** 2001 1040	DF** 2001 1040

* Maximum load rating of castor fork - the choice of wheel may reduce this figure.

** Replace with wheel code.

Bolt-Hole Fitting

Wheel Size mm	Bolt mm	Fitting Height mm	Load* kg	Wheel Bearing	Swivel Code	Total Lock Code
80	12	108	100	Plain	DS** 0802 0120	DB** 0802 0120
				Roller	DS** 0802 1120	DB** 0802 1120
100	12	128	150	Plain	DS** 1002 0120	DB** 1002 0120
				Roller	DS** 1002 1120	DB** 1002 1120
125	12	155	200	Plain	DS** 1252 0120	DB** 1252 0120
				Roller	DS** 1252 1120	DB** 1252 1120
160	12	200	200	Plain	DS** 1602 0120	DB** 1602 0120
				Roller	DS** 1602 1120	DB** 1602 1120
200	12	240	200	Plain	DS** 2002 0120	DB** 2002 0120
				Roller	DS** 2002 1120	DB** 2002 1120

* Maximum load rating of castor fork - the choice of wheel may reduce this figure.

** Replace with wheel code.

Wheel Options For **D & I Series Ultra** Castors



RN Wheel
80 - 300kg



ED Wheel
120 - 200kg



GP Wheel
60 - 200kg



TP Wheel
60 - 200kg



AR Wheel
250kg

Stainless Steel - I Series

A comprehensive range of medium-duty, stainless steel castors with double ball-race swivel head construction. Castors in 80-200mm sizes are available with a wide choice of wheel materials and fitting options. All roller bearings in I Series wheels are stainless steel.

Plate Fitting

Wheel Size mm	Plate Size mm	Hole Centres mm	Bolt mm	Fitting Height mm	Load* kg	Wheel Bearing	Swivel Code	Total Lock Code	Fixed Code
80	105 x 85	80/77 x 60	9	108	180	Plain	IS** 0801 0030	IB** 0801 0030	IF** 0801 0030
						Roller	IS** 0801 4030	IB** 0801 4030	IF** 0801 4030
100	105 x 85	80/77 x 60	9	128	190	Plain	IS** 1001 0030	IB** 1001 0030	IF** 1001 0030
						Roller	IS** 1001 4030	IB** 1001 4030	IF** 1001 4030
125	105 x 85	80/77 x 60	9	155	200	Plain	IS** 1251 0030	IB** 1251 0030	IF** 1251 0030
						Roller	IS** 1251 4030	IB** 1251 4030	IF** 1251 4030
160	137 x 105	105 x 80/75	11	200	250	Plain	IS** 1601 0040	IB** 1601 0040	IF** 1601 0040
						Roller	IS** 1601 4040	IB** 1601 4040	IF** 1601 4040
200	137 x 105	105 x 80/75	11	240	300	Plain	IS** 2001 0040	IB** 2001 0040	IF** 2001 0040
						Roller	IS** 2001 4040	IB** 2001 4040	IF** 2001 4040

* Maximum load rating of castor fork - the choice of wheel may reduce this figure.

** Replace with wheel code.

Bolt-Hole Fitting

Wheel Size mm	Bolt mm	Fitting Height mm	Load* kg	Wheel Bearing	Swivel Code	Total Lock Code
80	12	108	130	Plain	IS** 0802 0120	IB** 0802 0120
				Roller	IS** 0802 4120	IB** 0802 4120
100	12	128	190	Plain	IS** 1002 0120	IB** 1002 0120
				Roller	IS** 1002 4120	IB** 1002 4120
125	12	155	150	Plain	IS** 1252 0120	IB** 1252 0120
				Roller	IS** 1252 4120	IB** 1252 4120
160	12	200	250	Plain	IS** 1602 0120	IB** 1602 0120
				Roller	IS** 1602 4120	IB** 1602 4120
200	12	240	300	Plain	IS** 2002 0120	IB** 2002 0120
				Roller	IS** 2002 4120	IB** 2002 4120

* Maximum load rating of castor fork - the choice of wheel may reduce this figure.

** Replace with wheel code.



GS Wheel
60 - 200kg



NY Wheel
180 - 250kg



PN Wheel
90 - 300kg



BS Wheel
60 - 200kg



AP Wheel
400Kg

Medium/Heavy-Duty Castors

A range of tough, hard-working sheet steel, double ball-race castors with load ratings from 160-500kg. Sizes from 100-200mm are available with a wide choice of wheels.



Plate Fitting

Wheel Size mm	Plate Size mm	Hole Centres mm	Bolt mm	Fitting Height mm	Load* kg	Wheel Bearing	Swivel Code	Total Lock Code	Fixed Code
100	Swivel:105 x 86 Fixed:105 x 88	80/77 x 60	8	128	250	Plain	4-22-**	4-22-**-SWB	4-29-**
						Roller	4-22-**B	4-22-**B-SWB	4-29-**B
						Precision	4-22-**BJ	4-22-**BJ-SWB	4-29-**BJ
125	Swivel:105 x 85 Fixed:105 x 88	80/77 x 60	8	155	250	Plain	5-22-**	5-22-**-SWB	5-29-**
						Roller	5-22-**B	5-22-**B-SWB	5-29-**B
						Precision	5-22-**BJ	5-22-**BJ-SWB	5-29-**BJ
150	Swivel:135 x 110 Fixed:135 x 115	105 x 80/75	10	188	500	Plain	6-22-**	6-22-**-SWB	6-29-**
						Roller	6-22-**B	6-22-**B-SWB	6-29-**B
						Precision	6-22-**BJ	6-22-**BJ-SWB	6-29-**BJ
200	Swivel:135 x 110 Fixed:135 x 115	105 x 80/75	10	238	500	Plain	8-22-**	8-22-**-SWB	8-29-**
						Roller	8-22-**B	8-22-**B-SWB	8-29-**B
						Precision	8-22-**BJ	8-22-**BJ-SWB	8-29-**BJ



* Maximum load rating of castor fork - the choice of wheel may reduce this figure.

** Replace with wheel code: **NY** Nylon; **RN** Elastic Rubber tyre on Nylon centre; **RT** Rubber tyre on Cast Iron centre; **PN** Polyurethane tyre on Nylon centre; **SU** Polyurethane tyre on Cast Iron centre; **NS** Composite Polyolefin wheel with internal TPR tyre Threadguards: add 'G' for metal and PG for plastic to end of the code.

Bolt-Hole Fitting

Wheel Size mm	Bolt mm	Fitting Height mm	Load* kg	Wheel Bearing	Swivel Code	Total Lock Code
100	12	123	200	Plain	4-22-**BH12	4-22-**-SWB-BH12
				Roller	4-22-**B-BH12	4-22-**B-SWB-BH12
				Precision	4-22-**BJ-BH12	4-22-**BJ-SWB-BH12
125	12	150	200	Plain	5-22-**-BH12	5-22-**-SWB-BH12
				Roller	5-22-**B-BH12	5-22-**B-SWB-BH12
				Precision	5-22-**BJ-BH12	5-22-**BJ-SWB-BH12



* Maximum load rating of castor fork - the choice of wheel may reduce this figure.

** Replace with wheel code.

Wheel Options For Flexello Castors



Wheel Size mm	Tyre Material	Centre Material	Load kg	Threadguard	Plain Bearing	Roller Bearing	Precision Bearing
100/125/150/200	Nylon		250 - 605	Plastic	WNY-*	WNY-*RB	WNY-*BJM
100/125/150/200	Rubber	Nylon	160-450	Plastic	WRN-*	WRN-*RB	WRN-*BLM
100/125/150/200	Rubber	Cast Iron	160-585	Plastic	WRT-*	WRT-*RB	WRT-*BJM
100/125/150/200	Polyurethane	Nylon	160-650	Plastic	WPN-*	WPN-*RB	WPN-*BJM
100/125/150/200	Polyurethane	Cast Iron	295-1270	Plastic	-	WSU-*RB	WSU-*BJM
100/125	Composite		180-250	Plastic	-	WNS-*RB	WNS-*BJM

* Replace with diameter code: 4 = 100mm; 5 = 125mm; 6 = 150mm; 8 = 200mm.

When ordering loose wheels, please state axle diameter and hub width required.

Speciality castors



LevelMaster

60mm twin wheel castor with static levelling system - particularly useful for heavy equipment and electronics cabinets that normally remain in one position, but may need to be moved occasionally. The integral jacks level and immobilise the equipment for security. Load rating: 150kg.



Business Machine Castor

An industry standard, the Flexello Business Machine Castor is used worldwide on heavyweight electrical enclosures. It is a highly specified product designed to meet international standards, has a 50 x 50mm wheel for maximum weight distribution at the lowest possible height. Load rating: 500kg.



MallMaster

With the trend for retail businesses to increase floor area by adding extra levels, the Flexello MallMaster castor allows shopping trolleys easy access throughout the store.



Shopping Trolley Castor

Literally millions of these 125mm swivel castors are at work in the supermarkets of Europe. With precision ball bearings in the swivel head and wheels, these rugged castors make it possible for supermarket customers to push fully-loaded trolleys with the minimum of effort.



Surrey Castor

The Surrey is a heavy-duty twin-wheeled castor with a load rating of 200kg, yet has an overall height of only 82.5mm. Both the standard and optional antistatic polyurethane-tired wheels are supported on ball bearings.



Sussex Castor

Originally designed for use on heavy retail display units, the 250kg load rating of this rugged 63mm castor makes it ideal for any heavy-duty semi-static application.



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