



PART NUMBERING Castors have descriptive part numbers as shown by the following example:

	P	S	/	H	300	/	50		TB	/	D
<u>Castor Type (Series)</u>											
<u>Top Plate S = Swivel F = Fixed</u>											
<u>Wheel Type (Series)</u>											
<u>Wheel Diameter (mm)</u>											
<u>Tread Width (mm)</u>											
<u>Wheel Bearing Type see opposite</u>											
<u>Optional Features see opposite</u>											

BEARING TYPES

BJ	=	Ball Journal
TB	=	Taper Roller
CRB	=	Cylindrical Roller
PB	=	Plain Bore
SL	=	Self Lubricating Bush

OPTIONAL FEATURES

D	=	Directional Lock
W	=	Wheel Lock
T	=	Thread Guard
B	=	Footbrake
F	=	Swivel & Wheel Lock
X	=	Wheel Brake
S	=	Head Seal

Non-catalogue items use the same descriptive part numbering system prefixed by the word specified, abbreviated as "spec".

Pivoting Castors

Load rating up to and exceeding 200 Tonne



Pivoting Castors generally consist of a pair of wheels rotating about a central axis.

A pair of wheels on a castor enable a lower overall height to be achieved compared to a single wheel castor of identical load capacity. The pivoting design ensures that the load is equally distributed over both wheels should the running surface be slightly uneven. This prevents overload on the wheels, a common problem with conventional twin wheel castor assemblies.

Multi-pivoting designs are used to spread the load over more than just one wheel which is not only beneficial for wear and lifetime working, but which also has the added advantage of reducing the overall height of a single wheel design.

These castors are designed to suit individual applications and can be supplied with stress analysis graphs using finite element analysis for the castor frame.

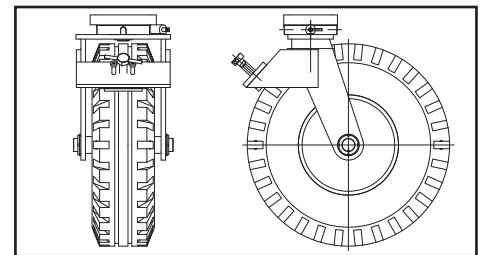
Brauer has many years experience in the design and manufacture of such assemblies with load ratings up to and exceeding 200 tonne. If you have a requirement simply fill in the design data sheet on page 19 and send it to our Sales team, alternatively email us as below.



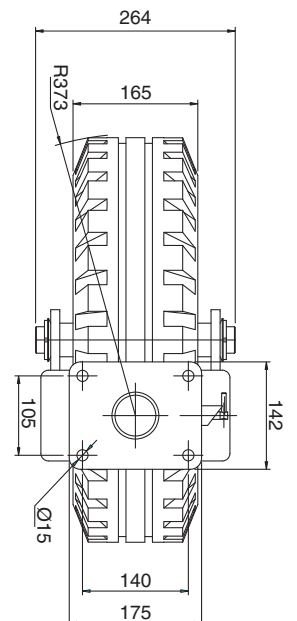
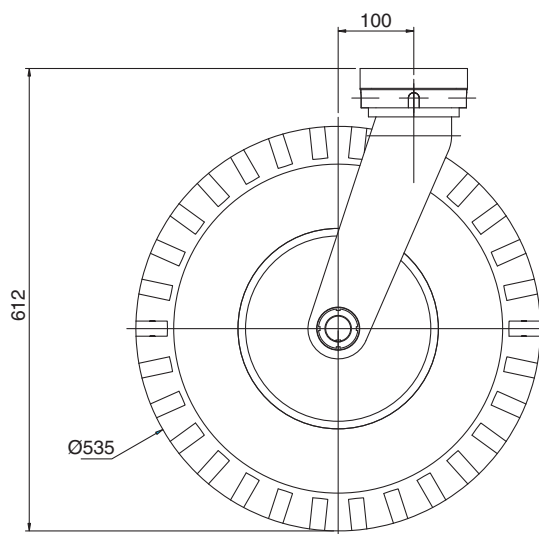
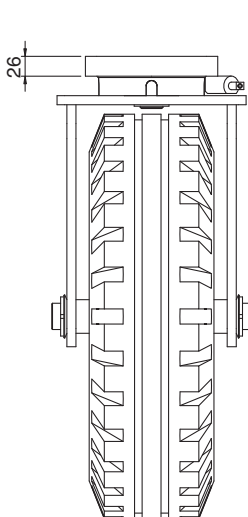


- High speed applications (up to 10Kph)
- Multi-terrain operation capability
- Option for bespoke applications
- Incorporates reliability of WG swivel mechanism
- Brauer build quality assured
- Often adapted for towing applications

This new product further enhances the range of castors offered by Brauer designed to meet applications which have high load and speed requirements, such as freight handling and cargo dollies. The swivel and horn plates utilise our tried and tested WG castor range to give a reliable product with durability and strength.



WHEEL FACE BRAKE OPTION
- SUFFIX 'WFB'



A	B	C	D			Swivel		Fixed	
Wheel Diameter	Overall Height	Swivel Radius	Tread Width	Max Load Rating	Wheel Bearing Type	PART NUMBER	Approx Weight kg	PART NUMBER	Approx Weight kg
535	612	373	165	2100	Ball Journal	WGS/PN535/165BJ	35	WGF/PN535/165BJ	30

Pneumatic Tyred Castor

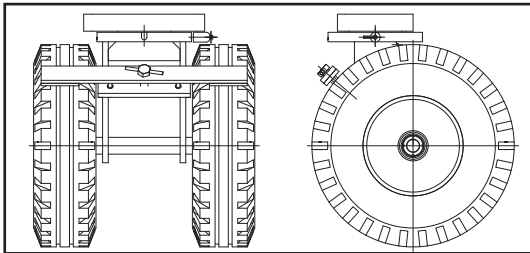
Twin Wheel

BRAUER®

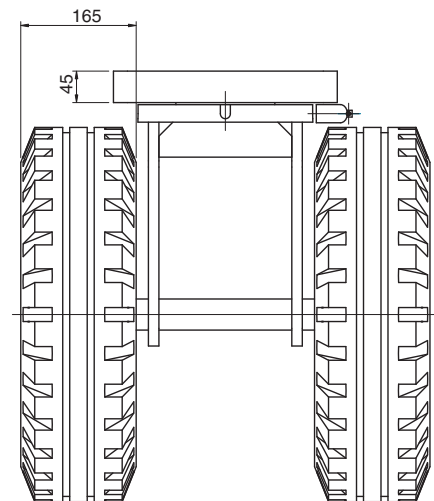
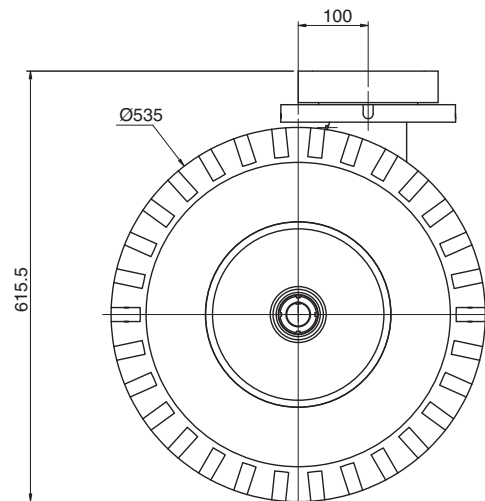
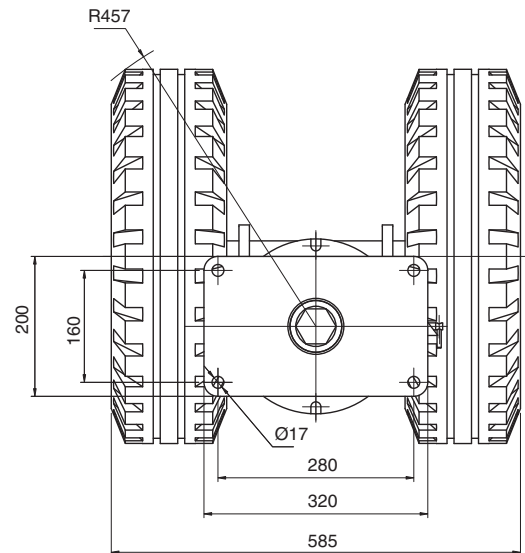


- High speed applications (up to 10Kph)
- Multi-terrain operation capability
- Option for bespoke applications
- Incorporates reliability of TQZ swivel mechanism
- Brauer build quality assured
- Often adapted for towing applications

This new product further enhances the range of castors offered by Brauer designed to meet applications which have high load and speed requirements, such as freight handling and cargo dollies. The swivel and horn plates utilise our tried and tested TQZ castor range to give a reliable product with durability and strength.



WHEEL FACE BRAKE OPTION - SUFFIX 'WFB'



A	B	C	D			▼ Swivel		▼ Fixed	
Wheel Diameter	Overall Height	Swivel Radius	Tread Width	Max Load Rating	Wheel Bearing Type	PART NUMBER	Approx Weight kg	PART NUMBER	Approx Weight kg
									
535	615.5	457	165	4200	Ball Journal	TQZS/PN535/165BJ	70	TQZF/PN535/165BJ	60

The UHQZ, HQZ, TQZ, QZ, WG, TWG, GG and LG are made from precision machined components to ensure a long and trouble-free life, even under the most severe operating conditions.



DESIGN FEATURES

Precision hardened and ground ball thrust race ensures a smooth and free swivel action under heavy loads.

A swivel seal retains the grease which is packed on assembly and prevents the ingress of dirt or water.

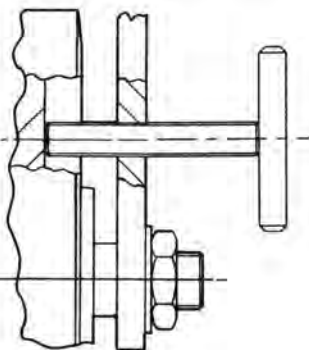
A precision taper-roller bearing reacts to bending loads on the castor.

A self locking nut is adjusted on assembly to remove free play and to lightly pre-load the swivel bearings.

Steel top plate/king-post provides accurate alignment of the bearings and reliable strength.

Optional Directional Lock (locks in 4 positions 90° apart – add suffix D to the Part Number)

The taper roller bearing is shielded to retain grease and to prevent the ingress of dirt.



Optional Wheel Lock (Available on selected swivel and fixed castors - add suffix W to the Part Number)

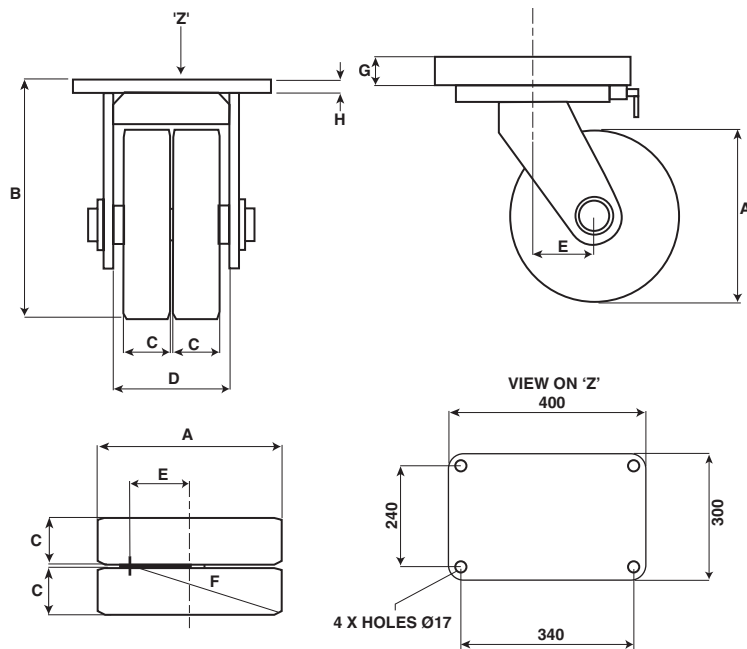
Precision bearings fitted as standard

UHQZ Series

Swivel load rating 12000kg



WITH A VARIETY OF WHEEL OPTIONS (SEE TABLE BELOW)



Top plates have fixing holes to suit 16mm diameter bolts

Swivel top plate thickness 50mm (G)

Fixed top plate thickness 25mm (H)

SWIVEL

Note: Steel Wheel option shown

FOR TECHNICAL INFORMATION COVERING LOAD FACTORS, ETC., SEE 'DESIGN DATA' INDEX ON PAGE 20

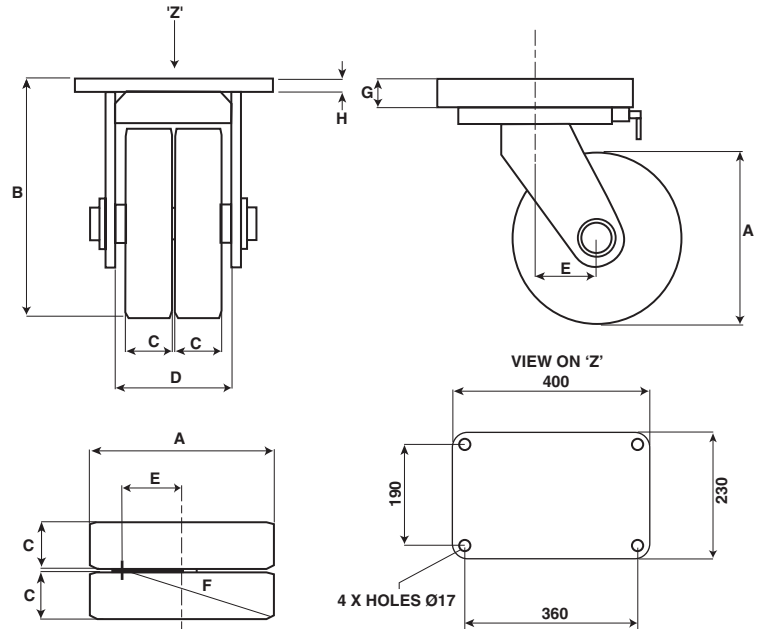
A	B	C	D	E	F			Swivel		Fixed		
Wheel Diameter	Overall Height	Tread Width	Dim. between Horn Plates	Wheel Centre Off-set	Swivel Radius	Max Load Rating	Wheel Bearing Type	PART NUMBER	Approx Weight kg	PART NUMBER	Approx Weight kg	
DIRECT BOND POLYURETHANE TYRED WHEEL												
460	595	75	240	150	390	6400	Tapered Roller	UHQZS/H460/75TB	178	UHQZF/H460/75TB	130	
POLYURETHANE TYRED 'PRESS-ON BAND' WHEEL												
500	635	100	240	150	412	9600	Tapered Roller	UHQZS/PH500/100TB	240	UHQZF/PH500/100TB	192	
STEEL WHEEL												
350	465	110	130	150	330	12000	Tapered Roller	UHQZS/SFT350/110TB	180	UHQZF/SFT350/110TB	132	

Note: Steel wheel is a single wheel

Directional locks are standard on UHQZS series castors.

NOTE: Also available with other wheel types.

WITH A VARIETY OF WHEEL OPTIONS (SEE TABLE BELOW)



TWIN WHEEL FIXED

Note: Direct Bond Polyurethane Wheel shown

Top plates have fixing holes to suit 16mm diameter bolts

Swivel top plate thickness 50mm (G)

Fixed top plate thickness 20mm (H)

FOR TECHNICAL INFORMATION COVERING LOAD FACTORS, ETC., SEE 'DESIGN DATA' INDEX ON PAGE 20

A	B	C	D	E	F			Swivel		Fixed	
Wheel Diameter	Overall Height	Tread Width	Dim. between Horn Plates	Wheel Centre Off-set	Swivel Radius	Max Load Rating	Wheel Bearing Type	PART NUMBER	Approx Weight kg	PART NUMBER	Approx Weight kg
DIRECT BOND POLYURETHANE TYRED WHEEL											
300	435	100	240	100	270	6200	Tapered Roller	HQZS/H300/100TB	109	HQZF/H300/100TB	71
POLYURETHANE TYRED 'PRESS-ON BAND' WHEEL											
380	515	100	240	125	331	7200	Tapered Roller	HQZS/PH380/100TB	168	HQZF/PH380/100TB	127
STEEL WHEEL											
200	385	90	110	100	205	7300	Tapered Roller	HQZS/SFT200/90TB	95	HQZF/SFT200/90TB	57

Note: Steel wheel is a single wheel

Directional locks are standard on HQZS series castors.

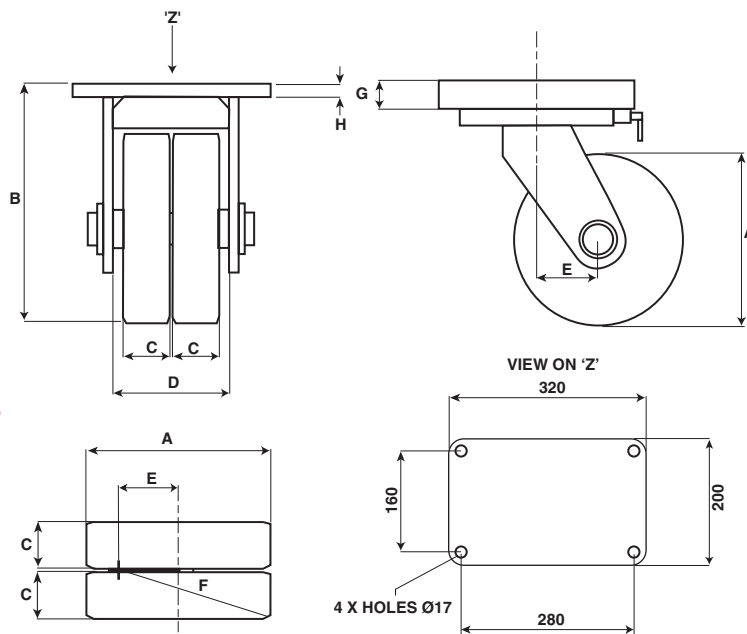
NOTE: Also available with other wheel types.

TQZ Series

Swivel load rating 5100kg



WITH A VARIETY OF WHEEL OPTIONS (SEE TABLE BELOW)



TWIN WHEEL SWIVEL

Note: Direct Bond Polyurethane Wheel shown

Top plates have fixing holes to suit 16mm diameter bolts

Swivel top plate thickness 45mm (G)

Fixed top plate thickness 20mm (H)

FOR TECHNICAL INFORMATION COVERING LOAD FACTORS, ETC., SEE 'DESIGN DATA' INDEX ON PAGE 20

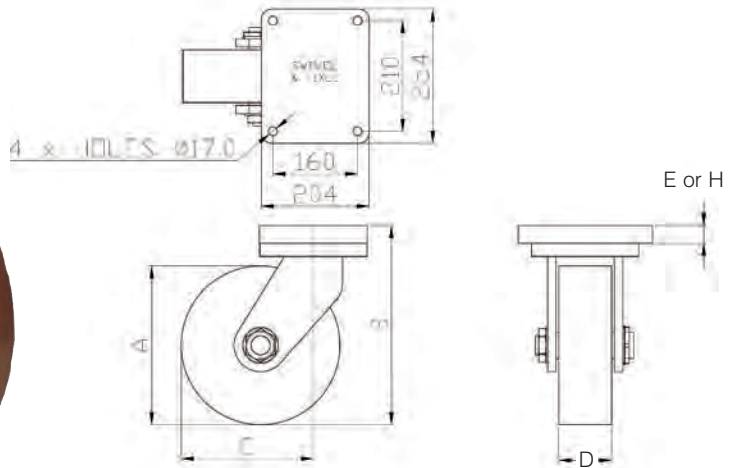
A	B	C	D	E	F			Swivel		Fixed	
Wheel Diameter	Overall Height	Tread Width	Dim. between Horn Plates	Wheel Centre Off-set	Swivel Radius	Max Load Rating	Wheel Bearing Type	PART NUMBER	Approx Weight kg	PART NUMBER	Approx Weight kg
DIRECT BOND POLYURETHANE TYRED TWIN WHEEL											
250	355	70	190	85	222	4000	Tapered Roller	TQZS/H250/70TB	67	TQZF/H250/70TB	46
300	405	75	190	100	262	4600	Tapered Roller	TQZS/H300/75TB	76	TQZF/H300/75TB	55
POLYURETHANE TYRED 'PRESS-ON BAND' TWIN WHEEL											
250	355	75	190	85	224	4000	Tapered Roller	TQZS/PH250/75TB	83	TQZF/PH250/75TB	62
300	405	75	190	100	260	5000	Tapered Roller	TQZS/PH300/75TB	100	TQZF/PH300/75TB	79
STEEL WHEEL											
200	330	90	110	85	195	5100	Tapered Roller	TQZS/SFT200/90TB	66	TQZF/SFT200/90TB	55

Directional locks are standard on TQZS series castors.

NOTE: Also available with other wheel types.

TQZ SERIES CASTORS

WITH A VARIETY OF WHEEL OPTIONS (SEE TABLE BELOW)



SWIVEL

Note: Press-on band polyurethane wheel shown

Top plates have fixing holes to suit 16mm diameter bolts

(E) Swivel top plate thickness 32mm

(H) Fixed top plate thickness 16mm

FOR TECHNICAL INFORMATION COVERING LOAD FACTORS, ETC., SEE 'DESIGN DATA' INDEX ON PAGE 20

A	B	C	D	🔽 Swivel				🔽 Fixed	
Wheel Diameter	Overall Height	Swivel Radius	Tread Width	Max Load Rating	Wheel Bearing Type	PART NUMBER	Approx Weight kg	PART NUMBER	Approx Weight kg
									
POLYURETHANE TYRED WHEEL									
12" 300	375	250	100	3100	Taper Roller	QZS/H300/100TB	43	QZF/H300/100TB	43
POLYURETHANE 'PRESS-ON BAND' TYRED WHEEL									
15" 380	450	315	100	3600	Taper Roller	QZS/PH380/100TB	70	QZF/PH380/100TB	70
STEEL WHEEL									
8" 200	325	200	90	4200	Taper Roller	QZS/SFT200/90TB	47	QZF/SFT200/90TB	47

NOTE: Also available with other wheel types.

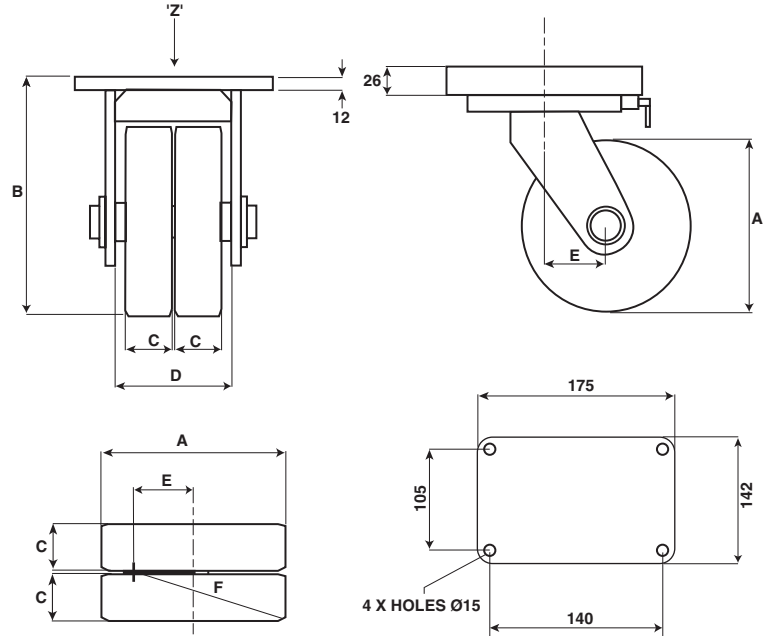
Wheel locks and directional locks are available on QZ series swivel castors.
To order, add the appropriate suffix(es) to the castor part number: W = wheel lock D = directional lock.

TWG Series

Swivel load rating 3000kg



WITH A VARIETY OF WHEEL OPTIONS (SEE TABLE BELOW)



Top plates have fixing holes to suit 14mm diameter bolts

(E) Swivel top plate thickness 26mm

(H) Fixed top plate thickness 12mm

FOR TECHNICAL INFORMATION COVERING LOAD FACTORS, ETC., SEE 'DESIGN DATA' INDEX ON PAGE 20

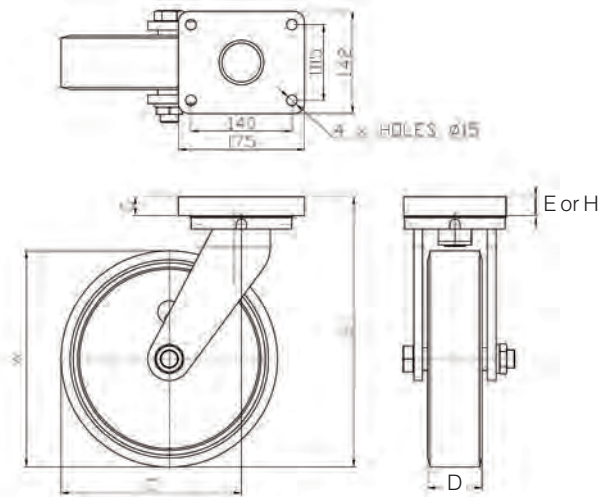
A	B	C	D	E	F			Swivel		Fixed	
Wheel Diameter	Overall Height	Tread Width	Dim. between Horn Plates	Wheel Centre Off-set	Swivel Radius	Max Load Rating	Wheel Bearing Type	PART NUMBER	Approx Weight kg	PART NUMBER	Approx Weight kg
POLYURETHANE TYRED WHEEL											
150	220	35	90	50	131	1200	Tapered Roller	TWGS/H150/35TB	15	TWGF/H150/35TB	15

TWG SERIES CASTORS

Directional locks are standard on TWG series castors.

NOTE: Also available with other wheel types.

WITH A VARIETY OF WHEEL OPTIONS (SEE TABLE BELOW)



Top plates have fixing holes to suit 14mm diameter bolts

(E) Swivel top plate thickness 26mm

(H) Fixed top plate thickness 12mm

SWIVEL

Note: Direct Bond Polyurethane Wheel shown

FOR TECHNICAL INFORMATION COVERING LOAD FACTORS, ETC., SEE 'DESIGN DATA' INDEX ON PAGE 20

A	B	C	D			Swivel		Fixed	
Wheel Diameter	Overall Height	Swivel Radius	Tread Width	Max Load Rating	Wheel Bearing Type	PART NUMBER	Approx Weight kg	PART NUMBER	Approx Weight kg
POLYURETHANE TYRED WHEEL									
6" 150	220	125	50	900	Taper Roller	WGS/H150/50TB	13	WGF/H150/50TB	13
8" 200	265	160	75	1750	Taper Roller	WGS/H200/75TB	24.4	WGF/H200/75TB	24.4
10" 250	310	200	70	2000	Taper Roller	WGS/H250/70TB	22	WGF/H250/70TB	22
12" 300	375	250	75	2300	Taper Roller	WGS/H300/75TB	26	WGF/H300/75TB	26
POLYURETHANE 'PRESS-ON-BAND' TYRED WHEEL									
10" 250	310	200	75	2000	Taper Roller	WGS/PH250/75TB	30	WGF/PH250/75TB	30
12" 300	375	250	75	2500	Taper Roller	WGS/PH300/75TB	38	WGF/PH300/75TB	38
STEEL WHEEL									
6" 150	220	125	40	3000	Taper Roller	WGS/SFT150/40TB	22	WGF/SFT150/40TB	22

NOTE: Also available with other wheel types.

Wheel locks and directional locks are available on WG series swivel castors.

To order, add the appropriate suffix(es) to the castor part number: W = wheel lock D = directional lock.

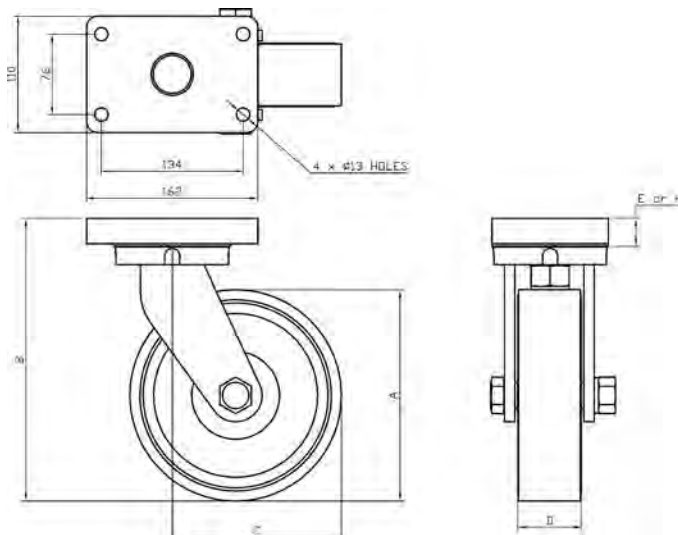
Medium Duty Castors

GG Series

Swivel load rating 1500kg

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WITH A VARIETY OF WHEEL OPTIONS (SEE TABLE BELOW)



SWIVEL

Note: Direct Bond Polyurethane Wheel shown

Top plates have fixing holes to suit 12mm diameter bolts

(E) Swivel top plate thickness 24mm

(H) Fixed top plate thickness 12mm

FOR TECHNICAL INFORMATION COVERING LOAD FACTORS, ETC., SEE 'DESIGN DATA' INDEX ON PAGE 20

A	B	C	D			Swivel		Fixed	
Wheel Diameter	Overall Height	Swivel Radius	Tread Width	Max Load Rating	Wheel Bearing Type	PART NUMBER	Approx Weight kg	PART NUMBER	Approx Weight kg
POLYURETHANE TYRED WHEEL									
4" 100	165	90	40	450	Ball Journal	GGG/H100/40BJ	8	GGF/H100/40BJ	8
6" 150	216	125	50	900	Ball Journal	GGG/H150/50BJ	9	GGF/H150/50BJ	9
8" 200	267	160	40	900	Ball Journal	GGG/H200/40BJ	11	GGF/H200/40BJ	11
10" 250	318	195	45	1300	Ball Journal	GGG/H250/45BJ	16	GGF/H250/45BJ	16

NOTE: Also available with other wheel types.

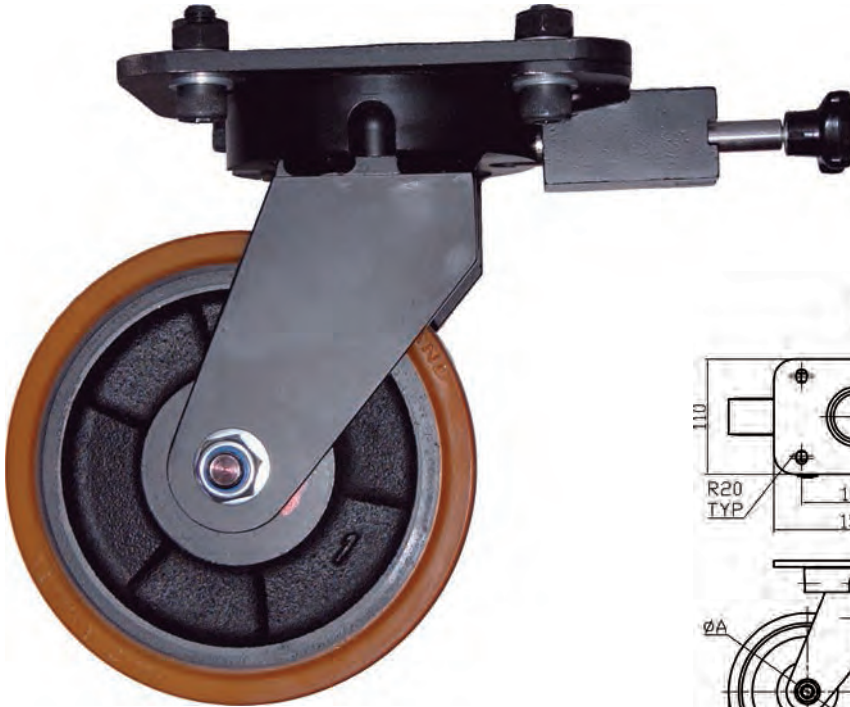
Wheel locks and directional locks are available on WG series swivel castors.

To order, add the appropriate suffix(es) to the castor part number: W = wheel lock D = directional lock.

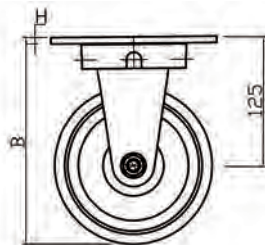
GG SERIES CASTORS

Medium-Light Duty Castors LG Series

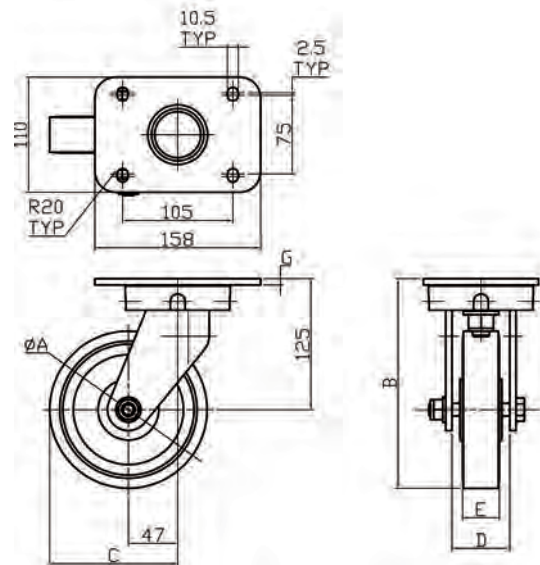
Swivel load rating 1000kg



SWIVEL



FIXED



Top plates have fixing holes to suit 10mm diameter bolts

(G) Swivel top plate thickness 6mm

(H) Fixed top plate thickness 6mm

FOR TECHNICAL INFORMATION COVERING LOAD FACTORS, ETC., SEE 'DESIGN DATA' INDEX ON PAGE 20

A	B	C	D	E			Swivel		Fixed	
Wheel Diameter	Overall Height	Swivel Radius	Dim. between Horn Plates	Tread Width	Max Load Rating kg	Wheel Bearing Type	PART NUMBER	Approx Weight kg	PART NUMBER	Approx Weight kg
POLYURETHANE TYRED WHEEL										
150	200	122	55	35	600	Ball Journal	LGS/H150/35BJ	8	LGF/H150/35BJ	8
125	187.5	110	55	45	600	Ball Journal	LGS/H125/45BJ	7	LGF/H125/45BJ	7
125	187.5	110	55	30	400	Ball Journal	LGS/H125/30BJ	7	LGF/H125/30BJ	7

NOTE: Also available with other wheel types.

Wheel locks and directional locks are available on WG series swivel castors.

To order, add the appropriate suffix(es) to the castor part number: W = wheel lock D = directional lock.

H Series

Swivel load rating 1500kg

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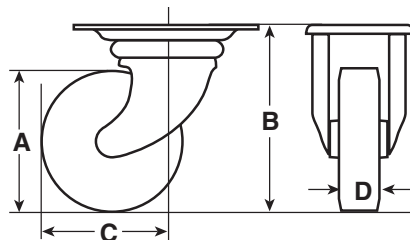


SWIVEL



FIXED

SWIVEL CASTORS TOP PLATE DIMENSIONS			
Wheel Dia.	Plate Size	Hole Centres	Fixing Bolt Dia.
100	150 x 110	120/105 x 80/60	10
125	150 x 110	120/105 x 80/60	10
150	150 x 110	120/105 x 80/60	10
200	150 x 110	120/105 x 80/60	10
250	150 x 110	120/105 x 80/60	10
300	150 x 110	120/105 x 80/60	10



FIXED CASTORS TOP PLATE DIMENSIONS			
Wheel Dia.	Plate Size	Hole Centres	Fixing Bolt Dia.
100	150 x 115	120/105 x 80/60	10
125	150 x 115	120/105 x 80/60	10
150	150 x 115	120/105 x 80/60	10
200	150 x 115	120/105 x 80/60	10
250	150 x 115	120/105 x 80/60	10
300	150 x 115	120/105 x 80/60	10

FOR TECHNICAL INFORMATION COVERING LOAD FACTORS, ETC., SEE 'DESIGN DATA' INDEX ON PAGE 20

A	B	C	D			Swivel		Fixed	
Wheel Diameter	Overall Height	Swivel Radius	Tread Width	Max Load Rating	Wheel Bearing Type	PART NUMBER	Approx Weight kg	PART NUMBER	Approx Weight kg
CAST IRON CENTRED WHEEL WITH POLYURETHANE TYRE									
100	152	102	40	450	Ball Journal	HS/H100/40BJ	3.9	HF/H100/40BJ	3
125	177	118	30	400	Ball Journal	HS/H125/30BJ	4	HF/H125/30BJ	3.1
			45	600	Ball Journal	HS/H125/45BJ	4.5	HF/H125/45BJ	3.6
150	202	134	35	600	Ball Journal	HS/H150/35BJ	4.6	HF/H150/35BJ	3.7
			50	900	Ball Journal	HS/H150/50BJ	5.6	HF/H150/50BJ	4.7
200	252	166	40	900	Ball Journal	HS/H200/40BJ	6.7	HF/H200/40BJ	5.8
250	303	207	45	1300	Ball Journal	HS/H250/45BJ	9.8	HF/H250/45BJ	8.9
300	353	245	50	1500	Ball Journal	HS/H300/50BJ	12.9	HF/H300/50BJ	12

NOTE 1) 100mm diameter wheel fitted with pre-lubricated, double shielded bearings
2) Options F – swivel radius of brake pedal 178mm

OPTIONS AVAILABLE

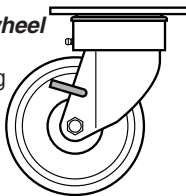
NOTE: Also available with other wheel types.

WHEEL LOCK (W)

Swivel castors only, not available for 100mm dia. wheel

A simple hand operated parking lock

Add suffix W to part number

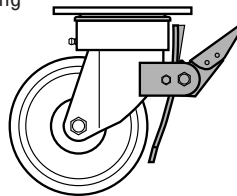


SWIVEL AND WHEEL LOCK (F)

Swivel castors only 125-300mm only

The foot pedal clamps a spring across the wheel & swivel, locking them both

Add suffix F to part number

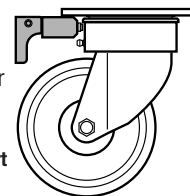


DIRECTIONAL LOCK (D)

Swivel castors only

A four-station plunger lock converting swivel castors into fixed for straight line travel

Add suffix D to part number



Light Duty Castors F Series

Swivel load rating 380kg



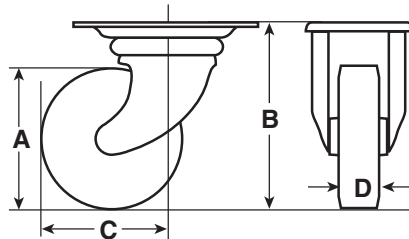
SWIVEL

(NOTE: swivel lock and brake fitted as standard)



FIXED

SWIVEL CASTORS TOP PLATE DIMENSIONS			
Wheel Dia.	Plate Size	Hole Centres	Fixing Bolt Dia.
75	105 x 85	83/76 x 64/56	8
100	105 x 85	83/76 x 64/56	8
125	135 x 110	105 x 75/85	10
150	135 x 110	105 x 75/85	10



FIXED CASTORS TOP PLATE DIMENSIONS			
Wheel Dia.	Plate Size	Hole Centres	Fixing Bolt Dia.
75	105 x 85	83/76 x 64/56	8
100	105 x 85	83/76 x 64/56	8
125	140 x 114	105 x 75/85	10
150	140 x 114	105 x 75/85	10

FOR TECHNICAL INFORMATION COVERING LOAD FACTORS, ETC., SEE 'DESIGN DATA' INDEX ON PAGE 20

A	B	C	D			Swivel		Fixed	
Wheel Diameter	Overall Height	Swivel Radius	Tread Width	Max Load Rating	Wheel Bearing Type	PART NUMBER	Approx Weight kg	PART NUMBER	Approx Weight kg
CAST IRON CENTRED WHEEL WITH POLYURETHANE TYRE									
75	106	75	35	300	Ball Journal	FS/H75/35BJ/L	1.8	FF/H75/35BJ	0.8
100	128	87	40	360	Ball Journal	FS/H100/40BJ/L	2.9	FF/H100/40BJ	1.9
125	160	117	30	360	Ball Journal	FS/H125/30BJ/L	3.0	FF/H125/30BJ	2.0
150	190	130	35	380	Ball Journal	FS/H150/35BJ/L	3.6	FF/H150/35BJ	2.6

NOTE: Also available with other wheel types.

E Series

Swivel load rating 380kg



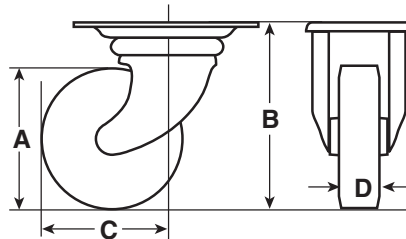
SWIVEL

(NOTE: swivel lock and brake fitted as standard)



FIXED

SWIVEL CASTORS TOP PLATE DIMENSIONS			
Wheel Dia.	Plate Size	Hole Centres	Fixing Bolt Dia.
125	135 x 110	105 x 75/85	10
150	135 x 110	105 x 75/85	10
200	135 x 110	105 x 75/85	10



FIXED CASTORS TOP PLATE DIMENSIONS			
Wheel Dia.	Plate Size	Hole Centres	Fixing Bolt Dia.
125	140 x 114	105 x 75/85	10
150	140 x 114	105 x 75/85	10
200	140 x 114	105 x 75/85	10

FOR TECHNICAL INFORMATION COVERING LOAD FACTORS, ETC., SEE 'DESIGN DATA' INDEX ON PAGE 20

A	B	C	D			Swivel		Fixed	
Wheel Diameter	Overall Height	Swivel Radius	Tread Width	Max Load Rating	Wheel Bearing Type	PART NUMBER	Approx Weight kg	PART NUMBER	Approx Weight kg
POLYPROPYLENE CENTRED WHEEL WITH POLYURETHANE TYRE									
125	160	117	45	300	Ball Journal	ES/PP125/45BJ/L	2.4	EF/PP125/45BJ	1.5
150	190	130	45	340	Ball Journal	ES/PP150/45BJ/L	2.7	EF/PP150/45BJ	1.8
200	240	155	45	380	Ball Journal	ES/PP200/45BJ/L	3.3	EF/PP200/45BJ	2.4

NOTE: Also available with other wheel types.



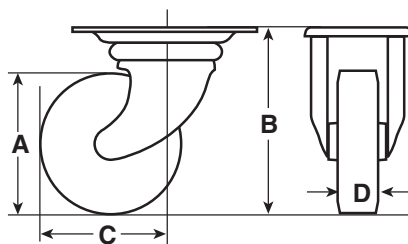
SWIVEL

(NOTE: swivel lock and brake fitted as standard)



FIXED

SWIVEL CASTORS TOP PLATE DIMENSIONS			
Wheel Dia.	Plate Size	Hole Centres	Fixing Bolt Dia.
80	105 x 85	83/76 x 64/56	8
100	105 x 85	83/76 x 64/56	8
125	135 x 110	105 x 75/85	10
160	135 x 110	105 x 75/85	10
200	135 x 110	105 x 75/85	10



FIXED CASTORS TOP PLATE DIMENSIONS			
Wheel Dia.	Plate Size	Hole Centres	Fixing Bolt Dia.
80	105 x 85	83/76 x 64/56	8
100	105 x 85	83/76 x 64/56	8
125	140 x 114	105 x 75/85	10
160	140 x 114	105 x 75/85	10
200	140 x 114	105 x 75/85	10

FOR TECHNICAL INFORMATION COVERING LOAD FACTORS, ETC., SEE 'DESIGN DATA' INDEX ON PAGE 20

A	B	C	D			Swivel		Fixed	
Wheel Diameter	Overall Height	Swivel Radius	Tread Width	Max Load Rating	Wheel Bearing Type	PART NUMBER	Approx Weight kg	PART NUMBER	Approx Weight kg
NYLON CENTRED WHEEL WITH POLYURETHANE TYRE									
80	108	77	30	100	Ball Journal	ES/PN80/30BJ/L	1	EF/PN80/30BJ	0.7
100	128	87	30	120	Ball Journal	ES/PN100/30BJ/L	1.1	EF/PN100/30BJ	0.8
125	156	104	40	150	Ball Journal	ES/PN125/40BJ/L	1.5	EF/PN125/40BJ	1.1
160	195	135	45	300	Ball Journal	ES/PN160/45BJ/L	2.5	EF/PN160/45BJ	1.7
200	240	155	50	350	Ball Journal	ES/PN200/50BJ/L	3	EF/PN200/50BJ	2.1

E Series

Swivel load rating 250kg



HIGH TEMPERATURE PHENOLIC WHEEL MAXIMUM TEMPERATURE 220°C

Note: Swivel Bracket is supplied un-greased



SWIVEL

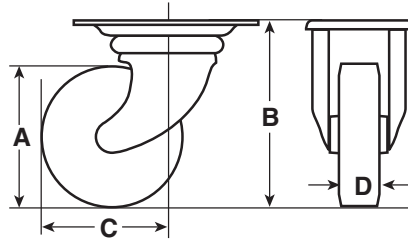
(NOTE: swivel lock and brake fitted as standard)



FIXED

SWIVEL CASTORS TOP PLATE DIMENSIONS

Wheel Dia.	Plate Size	Hole Centres	Fixing Bolt Dia.
76	105 x 85	83/76 x 64/56	8
100	105 x 85	83/76 x 64/56	8
125	135 x 110	105 x 75/85	10
150	135 x 110	105 x 75/85	10



FIXED CASTORS TOP PLATE DIMENSIONS

Wheel Dia.	Plate Size	Hole Centres	Fixing Bolt Dia.
76	105 x 85	83/76 x 64/56	8
100	105 x 85	83/76 x 64/56	8
125	140 x 114	105 x 75/85	10
150	140 x 114	105 x 75/85	10

FOR TECHNICAL INFORMATION COVERING LOAD FACTORS, ETC., SEE 'DESIGN DATA' INDEX ON PAGE 20

A	B	C	D			Swivel		Fixed	
Wheel Diameter	Overall Height	Swivel Radius	Tread Width	Max Load Rating	Wheel Bearing Type	PART NUMBER	Approx Weight kg	PART NUMBER	Approx Weight kg
HIGH TEMPERATURE SOLID PHENOLIC WHEEL									
76	106	75	30	100	None	ES/HT76/30PB/L	0.9	EF/HT76/30PB	0.6
100	128	87	32	150	None	ES/HT100/32PB/L	1	EF/HT100/32PB	0.7
125	160	117	50	200	None	ES/HT125/50PB/L	2.7	EF/HT125/50PB	1.8
150	190	130	50	250	None	ES/HT150/50PB/L	3	EF/HT150/50BPB	2.2