

1885

Since 1885

25

25 facilities

13

In 13 countries

colson[®]

Since 1885



Colson Caster Guangzhou Ltd.

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THE GLOBAL LEADER
IN CASTERS AND WHEELS

CUSTOMER SOLUTION



IDENTIFY YOUR NEEDS

- Capture your vision
- Identify all requirements
- Evaluate safety and ergonomics

DESIGN IT.

- Leverage proven knowledge base
- Create solid 3D model design
- Finite element analysis(FEA)
- 3D printing
- Rapid prototyping



With more than 350,000 standard caster models available, it's likely that Colson has just the right caster for your application. However, if you have a unique application that requires a custom need, our experienced sales and engineering teams can partner with you to create a practical solution that meets your needs.



TEST IT.

- ANSI/ICWM Standards
- Durability & Impact
- Ergonomic Push/Pull
- Brake & Accessory fatigue
- Customer specified testing

BUILD & DELIVER IT.

- China Manufacturing
- Global supply chain
- CNC: Laser, bender, machining
- Skilled manual welding
- Experienced finishing & assembly



QUICK-START PRODUCT CATEGORIES

Full Visual Table of Contents Follows on Next Pages

 **2 SERIES LIGHT DUTY**
(up to 136kg)
PAGES **07-12**

 **4 SERIES MEDIUM DUTY**
(up to 560kg)
PAGES **13-19**

 **6/7 SERIES HEAVY DUTY**
(up to 2025kg)
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 **ALBION HEAVY DUTY**
(up to 3270kg)
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 **LOGISTIC CASTER**
(up to 2500kg)
PAGES **33-39**

 **MEDICAL CASTER**
(up to 3270kg)
PAGES **47-68**

THE GLOBAL LEADER IN CASTERS AND WHEELS

- The leader in caster and most complete product offering in the world
- One-stop shopping for nearly any application and budget
- The most experienced engineering, sales, manufacturing, and quality teams
- Local service worldwide ,ready for any business need

MANUFACTURING

with advanced manufacturing and distribution facilities located around the world,we continuously invest in our proprietary supply chain and leading portfolio of caster to provide the best value to our customers.

ENGINEERING

Utilizing the latest in available technologies, Colson Group China's global design and engineering teams ensure every details in product performance, materials, and aesthetics are delivered to meet and exceed industry and customer expectations.

SERVICE

with advanced manufacturing and distribution facilities located around the world,we continuously invest in our proprietary supply chain and leading portfolio of caster to provide the best value to our customers.

QUALITY

COLSON as an active ICWM member, we help define industry testing standards(ANSI ICWM:2012). Leading test labs and global quality systems confirm our casters meet stringent quality standards.



ACCREDITATION AND AFFILIATES



National Sanitation Foundation for Food Service

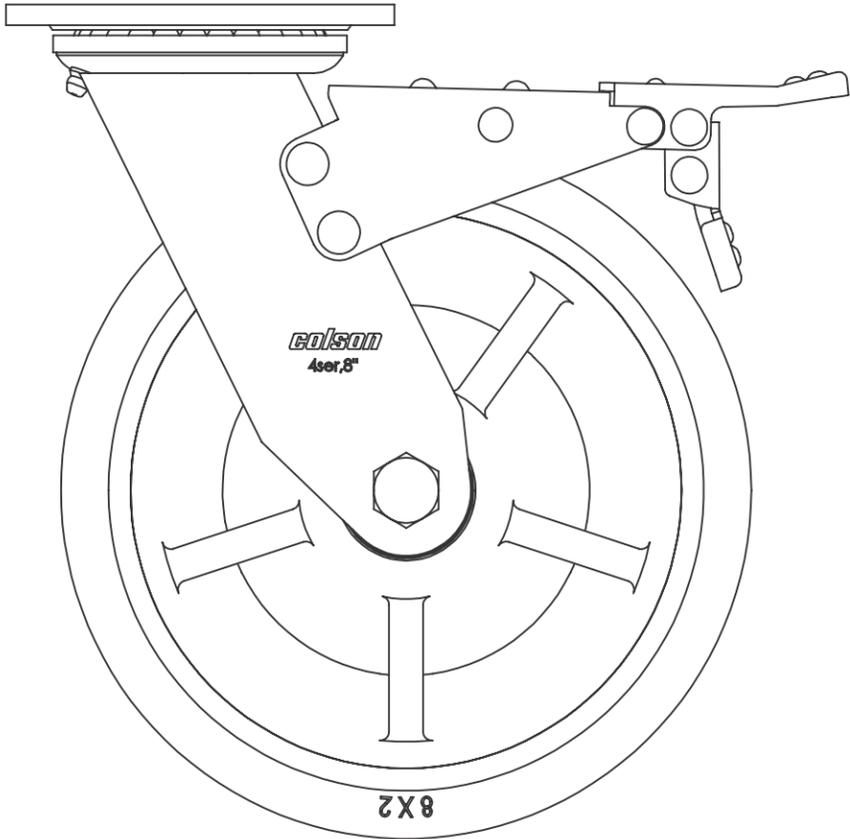


With our proven design and manufacturing experience , we guarantee select Colson caster with a year warranty from date of purchase.

INDUSTRIAL CASTER MODEL DESCRIPTION

4 - 8 1 9 9 - 9 2 8 - B R K 1

Caster Series Wheel Diameter Fork Type & Mounting Fork Type & Mounting Brake Type

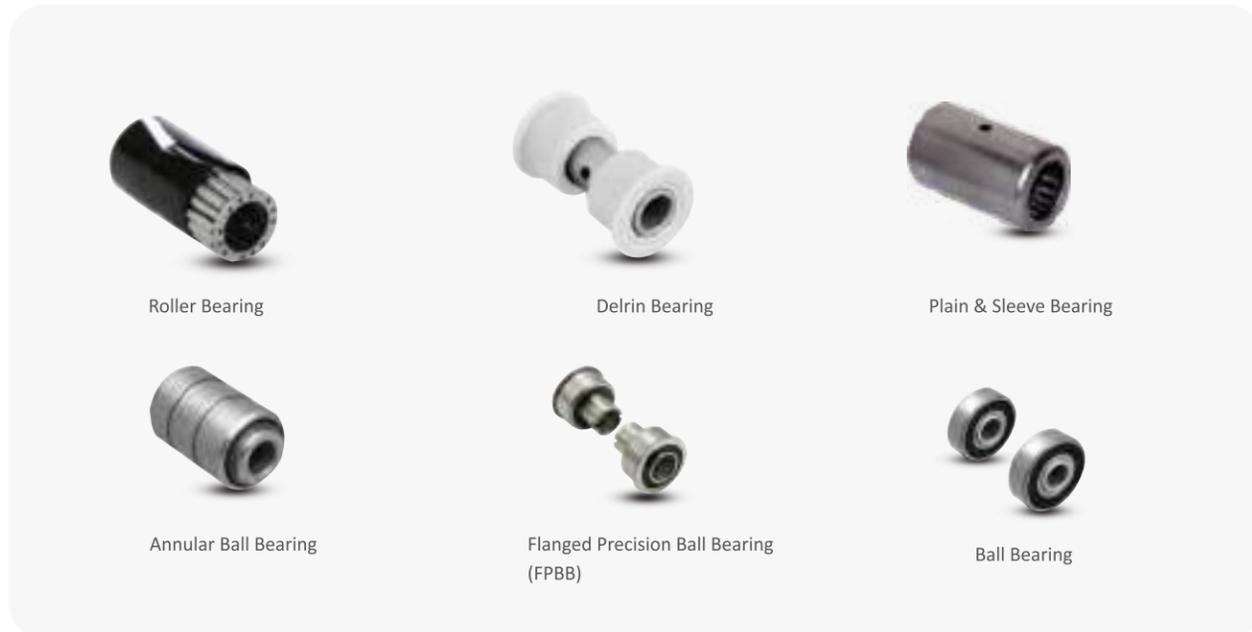


	wheel material
	wheel diameter
	tread width
	hub width
	top plate dimensions
	bolt hole space
	single bolt hole
	stem type
	offset
	install height
	swivel radius
	swivel
	rigid
	brake
	bearing
	load capacity

SELECTION GUIDE

Rig & Wheel

The right rig and wheel can make a big difference in the life and ergonomics of your caster.



Performa Conductive Wheels

Protects floor with a non-marking tread design. Conductive material to eliminate static build-up and discharge. Meet the requirement of an average electrical resistance of less than 250,000 ohms. Use imported material. Features a cushion ride.



Colson 2 Series Conductive Wheels

Colson 4&6 Series Conductive Wheels

Hi-Tech Polyurethane Wheel

Industrial strength polyurethane tread is bonded to a "ribbed" polyolefin core. This design adds strength for loads subjected to shock and hard impacts. Tread is molded in, around and through a ribbed extension of the core to prevent debonding. This wheel offers advantage of light weight and protects environment.

*Not recommended for conditions of continuous operation such as tow-line, etc.
Temperature range:-42°C~+80°C
Hardness:95(±5)Shore A



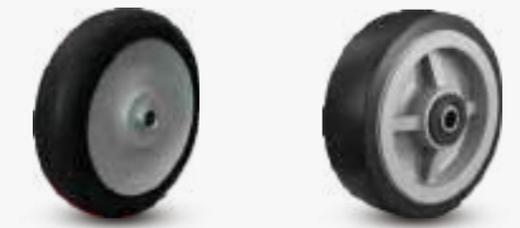
Colson 2 Series Hi-Tech Polyurethane Wheel

Colson 4&6 Series Hi-Tech Polyurethane Wheel

Hi-Tech Nylon Wheels

Industrial strength nylon tread is bonded to the core. This design adds strength for loads subjected to shock and hard impacts. Tread is molded in, around and through a ribbed extension of the core to prevent debonding.

*Not recommended for conditions of continuous operation such as tow-line, etc.
Temperature range:-42°C~+80°C
Hardness:80(±5)Shore D



Colson 2 Series Hi-tech Nylon Wheel

Colson 4&6 Series Hi-tech Nylon Wheel

Polyolefin Wheels

Designed for hard impacts and heavy loads, this wheel is injection molded from an exclusive Colson polyolefin compound. The unique ribbed design adds strength. Very light in weight, yet the impact strength of this wheel is far superior to hard rubber wheels.

*Not recommended for conditions of continuous operation such as tow-line, etc.
Temperature range:-42°C~+80°C
Hardness:70(±5)Shore D



Colson 2 Series Polyolefin Wheel

Colson 4&6 Series Polyolefin Wheel

Nylon Wheels

Colson nylon wheels are wholly molded. It is recommended for applications with requirement of great loading capacity and strong impact resistance. The wheel is non-marking.

Temperature range:-42°C~+80°C
Hardness:70(±5)Shore D



Colson 2 Series Nylon Wheels

Cast Iron Wheels

This wheel should be specified when excessive load weights are involved and floor protection is not a factor. Its high strength withstands sharp impacts. They should not be used if noise is of major concern or if loads are fragile.



Colson 4&6 Series Cast Iron Wheels

Thermo Wheels

These wheels are molded from an exclusive engineered resin compound that offers non-marking floor protection, near zero water absorption. Highly resistant to animal fats, vegetable oils and salt solutions, thermo wheels are ideal for applications in food-processing and medicine processing.

Temperature range:-56°C~+230°C



Colson 2 Series Thermo Wheels



Colson 4&6 Series Thermo Wheels

Forged Steel Wheels

This wheel is for exceptionally heavy-duty service where floor protection is not a factor. They should not be used if noise is of major concern or if loads are fragile.



Colson 4&6&7 Series Forged Steel Wheels

Polyurethane Iron Wheels

Light-weight and ultra-durable, this wheel has a very high strength-to-weight ratio and is capable of long service under heavy loads. The wheel is non-marking.

Temperature range: -42°C~+80°C
Hardness: 95(±5)Shore A



Colson 4&6 Series Polyurethane Iron Wheels



Colson 7 Series Polyurethane Iron Wheels

V-Groove Cast Iron Wheels

V-Groove wheels are for track or floor operation on inverted angle iron track in production lines.



Colson 4&6 Series V-Groove Cast Iron Wheels

Polyurethane Aluminum Wheels

Light-weight and ultra-durable, this wheel has a very high strength-to-weight ratio and is capable of long service under heavy loads. The wheel is non-marking.

Temperature range: -42°C~+80°C
Hardness: 95(±5)Shore A



CG-MAX Orange Polyurethane Aluminum



Colson 4&6 Series Polyurethane Aluminum Wheels



Colson 7 Series Polyurethane Aluminum Wheels

Maxim Wheels

Colson Maxim Wheels feature an exclusive, ultra-tough thermoplastic compound that resists hard impacts and drop-shocks. The wheel is impervious to most chemicals. When compared to other hard tread wheels, Maxim wheels require less force to roll and swivel. The wheel is non-marking.

Temperature range:-42°C~+80°C
To +176°C if you specify a bronze or roller bearing with mid-temp grease.
Hardness:85(±5)Shore D



Colson 4&6 Series Maxim Wheels

2 series

Capacity up to 136kg



Features

- ★ Full double ball raceways hardened with heat treat process for better performance and greater durability.
- ★ Zinc plated finish with RoHS compliance.
- ★ Diameters: 65,75, 90,100, 125,150 mm.
- ★ Bearing type:annular ball,delrin,plain,delrin.
- ★ Housing type:top Plate,thread stem,grip ring ,modular stem.

(mm)	(mm)	(kg)	Wheel Material	Bearing	Swivel	Rigid	(mm)	(mm)		
65	32	80	Polyurethane HI-TECH	Delrin	2-2646-91	—	91	57		
		80	Polyurethane HI-TECH	Annular Ball	2-2646-95	—	91	57		
		64	Performa Flat Tread	Delrin	2-2646-441	—	91	57		
		64	Performa Flat Tread	Annular Ball	2-2646-445	—	91	57		
		56	Performa Conductive Flat	Annular Ball	2-2646-445C	—	91	57		
		34	136	Black Nylon	Plain	2-2646-23	—	91	57	
75	32	114	Polyurethane HI-TECH	Delrin	A2-3346-91	A2-3308-91	108	75		
		114	Polyurethane HI-TECH	Annular Ball	A2-3346-95	A2-3308-95	108	75		
		90	Performa Flat Tread	Delrin	A2-3346-441	A2-3308-441	108	75		
		90	Performa Flat Tread	Annular Ball	A2-3346-445	A2-3308-445	108	75		
		100	Quick-start Performa	Ball Bearing	A2-3346-448	A2-3308-448	108	75		
		90	Polyolefin	Delrin	A2-3346-533	A2-3308-533	108	75		
		90	Polyolefin	Annular Ball	A2-3346-535	A2-3308-535	108	75		
		80	Performa Conductive Flat	Annular Ball	A2-3346-445C	A2-3308-445C	108	75		
		90	Thermo 230°C	Plain	A2-3346-52HT	A2-3308-52HT	108	75		
		136	White Nylon	Delrin	A2-3346-251	A2-3308-251	108	75		
		136	White Nylon	Annular Ball	A2-3346-255	A2-3308-255	108	75		
		100	Nylon HI-TECH	Delrin	A2-3346-221	A2-3308-221	108	75		
		100	Nylon HI-TECH	Annular Ball	A2-3346-225	A2-3308-225	108	75		
		80	Hard Rubber	Plain	A2-3346-543	A2-3308-543	108	75		
		80	Soft Rubber	Plain	A2-3346-443	A2-3308-443	108	75		
		136	Cast Iron	Plain	A2-3346-162	A2-3308-162	108	75		
		90	32	114	Polyurethane HI-TECH	Delrin	2-3646-91	2-3608-91	119	78
				114	Polyurethane HI-TECH	Annular Ball	2-3646-95	2-3608-95	119	78
114	Performa Flat Tread			Delrin	2-3646-441	2-3608-441	119	78		
114	Performa Flat Tread			Annular Ball	2-3646-445	2-3608-445	119	78		
105	Polyolefin			Delrin	2-3646-533	2-3608-533	119	78		
105	Polyolefin			Annular Ball	2-3646-535	2-3608-535	119	78		
136	White Nylon			Delrin	2-3646-251	2-3608-251	119	78		
136	White Nylon			Annular Ball	2-3646-255	2-3608-255	119	78		
125	Nylon HI-TECH			Delrin	2-3646-221	2-3608-221	119	78		
125	Nylon HI-TECH			Annular Ball	2-3646-225	2-3608-225	119	78		
100	Performa Conductive Flat			Annular Ball	2-3646-445C	2-3608-445C	119	78		
136	Thermo 180°C			Plain	2-3646-53HT	2-3608-53HT	119	78		
136	Thermo 230°C			Plain	2-3646-52HT	2-3608-52HT	119	78		
91	Hard Rubber			Plain	2-3646-543	2-3608-543	119	78		
91	Soft Rubber			Plain	2-3646-443	2-3608-443	119	78		
136	Cast Iron			Plain	2-3646-162	2-3608-162	119	78		

	 (mm)	 (mm)	 (kg)	 Wheel Material	 Bearing	 Swivel	 Rigid	 (mm)	 (mm)
	33	95	Performa Round Tread	Delrin	2-3646-561	2-3608-561	119	78	
		95	Performa Round Tread	Annular Ball	2-3646-565	2-3608-565	119	78	
		90	Performa Conductive Round	Annular Ball	2-3646-565C	2-3608-565C	119	78	
100	32	136	Polyurethane HI-TECH	Delrin	2-4646-91	2-4608-91	130	84	
		136	Polyurethane HI-TECH	Annular Ball	2-4646-95	2-4608-95	130	84	
		136	Performa Flat Tread	Delrin	2-4646-441	2-4608-441	130	84	
		136	Performa Flat Tread	Annular Ball	2-4646-445	2-4608-445	130	84	
		136	Performa Flat Tread(QS)	Ball Bearing	2-4646-448	2-4608-448	130	84	
		125	Polyolefin	Delrin	2-4646-533	2-4608-533	130	84	
		125	Polyolefin	Annular Ball	2-4646-535	2-4608-535	130	84	
		136	White Nylon	Delrin	2-4646-251	2-4608-251	130	84	
		136	White Nylon	Annular Ball	2-4646-255	2-4608-255	130	84	
	136	Nylon HI-TECH	Delrin	2-4646-221	2-4608-221	130	84		
	136	Nylon HI-TECH	Annular Ball	2-4646-225	2-4608-225	130	84		
	114	Performa Conductive Flat	Annular Ball	2-4646-445C	2-4608-445C	130	84		
	136	Thermo 180°C	Plain	2-4646-53HT	2-4608-53HT	130	84		
	136	Thermo 230°C	Plain	2-4646-52HT	2-4608-52HT	130	84		
	91	Hard Rubber	Plain	2-4646-543	2-4608-543	130	84		
	91	Soft Rubber	Plain	2-4646-443	2-4608-443	130	84		
	136	Cast Iron	Plain	2-4646-162	2-4608-162	130	84		
	125	32	136	Polyurethane HI-TECH	Delrin	2-5646-91	2-5608-91	157	101
136			Polyurethane HI-TECH	Annular Ball	2-5646-95	2-5608-95	157	101	
136			Performa Flat Tread	Delrin	2-5646-441	2-5608-441	157	101	
136			Performa Flat Tread	Annular Ball	2-5646-445	2-5608-445	157	101	
136			Performa Flat Tread(QS)	Ball Bearing	2-5646-448	2-5608-448	157	101	
136			Polyolefin	Delrin	2-5646-533	2-5608-533	157	101	
136			Polyolefin	Annular Ball	2-5646-535	2-5608-535	157	101	
136			White Nylon	Delrin	2-5646-251	2-5608-251	157	101	
136			White Nylon	Annular Ball	2-5646-255	2-5608-255	157	101	
136			Nylon HI-TECH	Delrin	2-5646-221	2-5608-221	157	101	
136			Nylon HI-TECH	Annular Ball	2-5646-225	2-5608-225	157	101	
114			Performa Conductive Flat	Annular Ball	2-5646-445C	2-5608-445C	157	101	
136			Thermo 180°C	Plain	2-5646-53HT	2-5608-53HT	157	101	
136			Thermo 230°C	Plain	2-5646-52HT	2-5608-52HT	157	101	
91			Hard Rubber	Plain	2-5646-543	2-5608-543	157	101	
91			Soft Rubber	Plain	2-5646-443	2-5608-443	157	101	
136			Cast Iron	Plain	2-5646-162	2-5608-162	157	101	
			33	114	Performa Round Tread	Delrin	2-5646-561	2-5608-561	157
	114	Performa Round Tread		Annular Ball	2-5646-565	2-5608-565	157	101	
	90	Performa Conductive Round		Annular Ball	2-5646-565C	2-5608-565C	157	101	
150	32	136	Polyurethane HI-TECH	Delrin	2-6646-91	2-6608-91	185	113	
		136	Polyurethane HI-TECH	Annular Ball	2-6646-95	2-6608-95	185	113	
		136	Performa Flat Tread	Delrin	2-6646-481	2-6608-481	185	113	
		136	Performa Flat Tread	Annular Ball	2-6646-485	2-6608-481	185	113	
		146	Black Nylon	Delrin	2-6646-251	2-6608-251	185	113	
		146	Black Nylon	Annular Ball	2-6646-255	2-6608-255	185	113	



	 (mm)	 (mm)	 (kg)	 Wheel Material	 Bearing	 Swivel	 Rigid	 (mm)	 (mm)
65	32	80	Polyurethane HI-TECH	Delrin	2-2654-91	92	57		
		80	Polyurethane HI-TECH	Annular Ball	2-2654-95	92	57		
		64	Performa Flat Tread	Delrin	2-2654-441	92	57		
		64	Performa Flat Tread	Annular Ball	2-2654-445	92	57		
		56	Performa Conductive Flat	Annular Ball	2-2654-445C	92	57		
		34	136	Black Nylon	Plain	2-2654-23	92	57	
75	32	114	Polyurethane HI-TECH	Delrin	A2-3354-91	109	75		
		114	Polyurethane HI-TECH	Annular Ball	A2-3354-95	109	75		
		90	Performa Flat Tread	Delrin	A2-3354-441	109	75		
		90	Performa Flat Tread	Annular Ball	A2-3354-445	109	75		
		100	Quick-start Performa	Ball Bearing	A2-3354-448	109	75		
		90	Polyolefin	Delrin	A2-3354-533	109	75		
		90	Polyolefin	Annular Ball	A2-3354-535	109	75		
		80	Performa Conductive Flat	Annular Ball	A2-3354-445C	109	75		
		90	Thermo 230°C	Plain	A2-3354-52HT	109	75		
		136	White Nylon	Delrin	A2-3354-251	109	75		
		136	White Nylon	Annular Ball	A2-3354-255	109	75		
		100	Nylon HI-TECH	Delrin	A2-3354-221	109	75		
		100	Nylon HI-TECH	Annular Ball	A2-3354-225	109	75		
		80	Hard Rubber	Plain	A2-3354-543	109	75		
		80	Soft Rubber	Plain	A2-3354-443	109	75		
		136	Cast Iron	Plain	A2-3354-162	109	75		
		90	32	114	Polyurethane HI-TECH	Delrin	2-3654-91	120	78
				114	Polyurethane HI-TECH	Annular Ball	2-3654-95	120	78
114	Performa Flat Tread			Delrin	2-3654-441	120	78		
114	Performa Flat Tread			Annular Ball	2-3654-445	120	78		
105	Polyolefin			Delrin	2-3654-533	120	78		
105	Polyolefin			Annular Ball	2-3654-535	120	78		
136	White Nylon			Delrin	2-3654-251	120	78		
136	White Nylon			Annular Ball	2-3654-255	120	78		
125	Nylon HI-TECH			Delrin	2-3654-221	120	78		
125	Nylon HI-TECH			Annular Ball	2-3654-225	120	78		
100	Performa Conductive Flat			Annular Ball	2-3654-445C	120	78		
136	Thermo 180°C			Plain	2-3654-53HT	120	78		
136	Thermo 230°C			Plain	2-3654-52HT	120	78		
91	Hard Rubber			Plain	2-3654-543	120	78		
91	Soft Rubber			Plain	2-3654-443	120	78		
136	Cast Iron			Plain	2-3654-162	120	78		
	33			95	Performa Round Tread	Delrin	2-3654-561	120	78
				95	Performa Round Tread	Annular Ball	2-3654-565	120	78
		90	Performa Conductive Round	Annular Ball	2-3654-565C	120	78		

 (mm)	 (mm)	 (kg)	 Wheel Material	 Bearing	 Swivel	 Rigid	 (mm)	 (mm)
100	32	136	Polyurethane HI-TECH	Delrin	2-4654-91	131	84	
		136	Polyurethane HI-TECH	Annular Ball	2-4654-95	131	84	
		136	Performa Flat Tread	Delrin	2-4654-441	131	84	
		136	Performa Flat Tread	Annular Ball	2-4654-445	131	84	
		136	Quick-start Performa	Ball Bearing	2-4654-448	131	84	
		125	Polyolefin	Delrin	2-4654-533	131	84	
		125	Polyolefin	Annular Ball	2-4654-535	131	84	
		136	White Nylon	Delrin	2-4654-251	131	84	
		136	White Nylon	Annular Ball	2-4654-255	131	84	
		136	Nylon HI-TECH	Delrin	2-4654-221	131	84	
		136	Nylon HI-TECH	Annular Ball	2-4654-225	131	84	
		114	Performa Conductive Flat	Annular Ball	2-4654-445C	131	84	
		136	Thermo 180°C	Plain	2-4654-53HT	131	84	
		136	Thermo 230°C	Plain	2-4654-52HT	131	84	
		91	Hard Rubber	Plain	2-4654-543	131	84	
		91	Soft Rubber	Plain	2-4654-443	131	84	
136	Cast Iron	Plain	2-4654-162	131	84			
125	32	136	Polyurethane HI-TECH	Delrin	2-5654-91	158	101	
		136	Polyurethane HI-TECH	Annular Ball	2-5654-95	158	101	
		136	Performa Flat Tread	Delrin	2-5654-441	158	101	
		136	Performa Flat Tread	Annular Ball	2-5654-445	158	101	
		136	Quick-start Performa	Ball Bearing	2-5654-448	158	101	
		136	Polyolefin	Delrin	2-5654-533	158	101	
		136	Polyolefin	Annular Ball	2-5654-535	158	101	
		136	White Nylon	Delrin	2-5654-251	158	101	
		136	White Nylon	Annular Ball	2-5654-255	158	101	
		136	Nylon HI-TECH	Delrin	2-5654-221	158	101	
		136	Nylon HI-TECH	Annular Ball	2-5654-225	158	101	
		114	Performa Conductive Flat	Annular Ball	2-5654-445C	158	101	
		136	Thermo 180°C	Plain	2-5654-53HT	158	101	
	136	Thermo 230°C	Plain	2-5654-52HT	158	101		
	91	Hard Rubber	Plain	2-5654-543	158	101		
	91	Soft Rubber	Plain	2-5654-443	158	101		
	136	Cast Iron	Plain	2-5654-162	158	101		
		33	114	Performa Round Tread	Delrin	2-5654-561	158	101
			114	Performa Round Tread	Annular Ball	2-5654-565	158	101
	90	Performa Conductive Round	Annular Ball	2-5654-565C	158	101		
150	32	136	Polyurethane HI-TECH	Delrin	2-6654-91	185	113	
		136	Polyurethane HI-TECH	Annular Ball	2-6654-95	185	113	
		136	Performa Flat Tread	Delrin	2-6654-481	185	113	
		136	Performa Flat Tread	Annular Ball	2-6654-485	185	113	
		146	Black Nylon	Delrin	2-6654-251	185	113	
		146	Black Nylon	Annular Ball	2-6654-255	185	113	

Wheel Selection



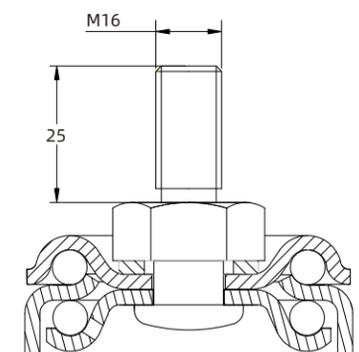
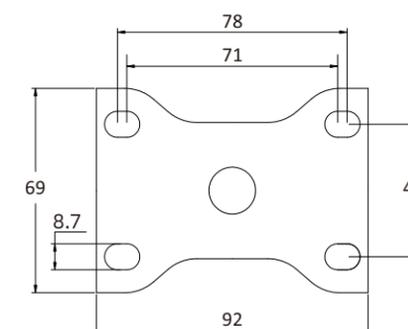
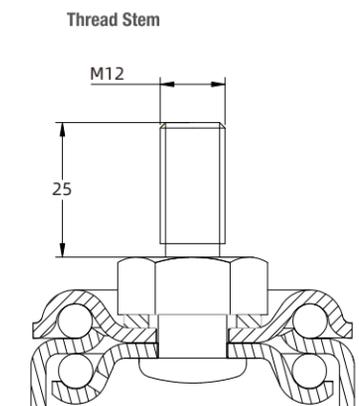
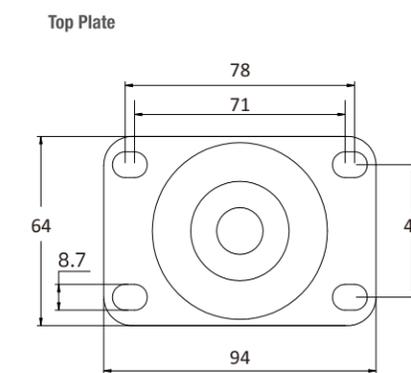
Bearing Selection



Brake Selection



Standard Dimension



4 series

Capacity up to 560kg



Features

- ★ Double ball raceways undergo carbonitriding heat treatment process, enhancing the hardness of the raceways, and improving durability and rotational flexibility.
- ★ Zinc plated finish with RoHS compliance.
- ★ Diameters: 100, 125,150 ,200mm.
- ★ Bearing type:Prec. Ball,roller bearing,pedestal precision ball ,delrin
- ★ Housing type:top Plate.



(mm)	(mm)	(kg)	Wheel material	Bearing	Swivel	Rigid	(mm)	(mm)
100	51	270	Polyurethane HI-TECH	Delrin	4-4109-921	4-4108-921	143	91
		270	Polyurethane HI-TECH	Ball Bearing	4-4109-928	4-4108-928	143	91
		180	Performa Flat/Grey	Delrin	4-4109-451	4-4108-451	143	91
		180	Performa Flat/Grey	Roller	4-4109-459	4-4108-459	143	91
		180	Performa Flat/Grey	FPBB	4-4109-455	4-4108-455	143	91
		180	Performa Flat/Black	Delrin	4-4109-451-2	4-4108-451-2	143	91
		180	Performa Flat/Black	Roller	4-4109-459-2	4-4108-459-2	143	91
		180	Performa Flat/Black	FPBB	4-4109-455-2	4-4108-455-2	143	91
		136	Performa Conductive	Roller	4-4109-459C	4-4108-459C	143	91
		300	Thermo 180°C	Roller	4-4109-839HT	4-4108-839HT	143	91
		295	Nylon HI-TECH	Delrin	4-4109-821	4-4108-821	143	91
		295	Nylon HI-TECH	Roller	4-4109-829	4-4108-829	143	91
		227	Polyolefin	Delrin	4-4109-831	4-4108-831	143	91
		227	Polyolefin	Roller	4-4109-839	4-4108-839	143	91
		360	Maxim	Delrin	4-4109-531	4-4108-531	143	91
		360	Maxim	Roller	4-4109-539	4-4108-539	143	91
		315	Polyurethane Aluminum	Roller	4-4109-939	4-4108-939	143	91
		360	CG-MAX Orange Polyurethane Aluminum	Prec. Ball	4-4109-9NC	4-4108-9NC	143	91
		360	Phenolic	Roller	4-4109-339	4-4108-339	143	91
		455	Cast Iron	Roller	4-4109-139	4-4108-139	143	91
455	V-groove Cast Iron	Roller	4-4109-739	4-4108-739	143	91		
125	51	340	Polyurethane HI-TECH	Delrin	4-5109-921	4-5108-921	165	108
		340	Polyurethane HI-TECH	Ball Bearing	4-5109-928	4-5108-928	165	108
		227	Performa Flat/Grey	Delrin	4-5109-451	4-5108-451	165	108
		227	Performa Flat/Grey	Roller	4-5109-459	4-5108-459	165	108
		227	Performa Flat/Grey	PPBB	4-5109-455	4-5108-455	165	108
		227	Performa Flat/Black	Delrin	4-5109-451-2	4-5108-451-2	165	108
		227	Performa Flat/Black	Roller	4-5109-459-2	4-5108-459-2	165	108
		227	Performa Flat/Black	FPBB	4-5109-455-2	4-5108-455-2	165	108
		148	Performa Conductive	Roller	4-5109-459C	4-5108-459C	165	108
		360	Thermo 180°C	Roller	4-5109-839HT	4-5108-839HT	165	108
		375	Nylon HI-TECH	Delrin	4-5109-821	4-5108-821	165	108
		375	Nylon HI-TECH	Roller	4-5109-829	4-5108-829	165	108
		295	Polyolefin	Delrin	4-5109-831	4-5108-831	165	108
		295	Polyolefin	Roller	4-5109-839	4-5108-839	165	108
		455	Maxim	Delrin	4-5109-531	4-5108-531	165	108
		455	Maxim	FPBB	4-5109-539	4-5108-539	165	108
		450	Polyurethane Aluminum	Roller	4-5109-939	4-5108-939	165	108
		454	CG-MAX Orange Polyurethane Aluminum	Ball Bearing	4-5109-9NC	4-5108-9NC	165	108
		450	Phenolic	Roller	4-5109-339	4-5108-339	165	108
		455	Cast Iron	Roller	4-5109-139	4-5108-139	165	108
540	Forged Steel	Roller	4-5109-239	4-5108-239	165	108		

(mm)	(mm)	(kg)	Wheel material	Bearing	Swivel	Rigid	(mm)	(mm)
150	51	410	Polyurethane HI-TECH	Delrin	4-6109-921	4-6108-921	191	127
		410	Polyurethane HI-TECH	Ball Bearing	4-6109-928	4-6108-928	191	127
		270	Performa Flat/Grey	Delrin	4-6109-451	4-6108-451	191	127
		270	Performa Flat/Grey	Roller	4-6109-459	4-6108-459	191	127
		270	Performa Flat/Grey	FPBB	4-6109-455	4-6108-455	191	127
		204	Performa Round/Grey	Delrin	4-6109-551	4-6108-551	191	127
		204	Performa Round/Grey	Roller	4-6109-559	4-6108-559	191	127
		270	Performa Flat/Black	Delrin	4-6109-451-2	4-6108-451-2	191	127
		270	Performa Flat/Black	Roller	4-6109-459-2	4-6108-459-2	191	127
		270	Performa Flat/Black	FPBB	4-6109-455-2	4-6108-455-2	191	127
		186	Performa Conductive	Roller	4-6109-459C	4-6108-459C	191	127
		400	Thermo 180°C	Roller	4-6109-839HT	4-6108-839HT	191	127
150	51	410	Nylon HI-TECH	Delrin	4-6109-821	4-6108-821	191	127
		410	Nylon HI-TECH	Roller	4-6109-829	4-6108-829	191	127
		318	Polyolefin	Delrin	4-6109-831	4-6108-831	191	127
		318	Polyolefin	Roller	4-6109-839	4-6108-839	191	127
		500	Maxim	Delrin	4-6109-531	4-6108-531	191	127
		500	Maxim	Roller	4-6109-539	4-6108-539	191	127
		450	Polyurethane Aluminum	Roller	4-6109-939	4-6108-939	191	127
		560	CG-MAX Orange Polyurethane Aluminum	Ball Bearing	4-6109-9NC	4-6108-9NC	191	127
		450	Phenolic	Roller	4-6109-339	4-6108-339	191	127
		540	Cast Iron	Roller	4-6109-139	4-6108-139	191	127
		560	Forged Steel	Roller	4-6109-239	4-6108-239	191	127
		540	V-groove Cast Iron	Roller	4-6109-739	4-6108-739	191	127
450	Polyurethane Iron	Ball Bearing	4-6109-948	4-6108-948	191	127		
200	51	450	Polyurethane HI-TECH	Delrin	4-8199-921	4-8198-921	241	165
		450	Polyurethane HI-TECH	Prec. Ball	4-8199-928	4-8198-928	241	165
		306	Performa Flat/Grey	Delrin	4-8199-451	4-8198-451	241	165
		306	Performa Flat/Grey	Roller	4-8199-459	4-8198-459	241	165
		306	Performa Flat/Grey	FPBB	4-8199-455	4-8198-455	241	165
		272	Performa Round/Grey	Delrin	4-8199-551	4-8198-551	241	165
		272	Performa Round/Grey	Roller	4-8199-559	4-8198-559	241	165
		306	Performa Flat/Black	Delrin	4-8199-451-2	4-8198-451-2	241	165
		306	Performa Flat/Black	Roller	4-8199-459-2	4-8198-459-2	241	165
		306	Performa Flat/Black	FPBB	4-8199-455-2	4-8198-455-2	241	165
		227	Performa Conductive	Roller	4-8199-459C	4-8198-459C	241	165
		450	Thermo 180°C	Roller	4-8199-839HT	4-8198-839HT	241	165
450	Nylon HI-TECH	Delrin	4-8199-821	4-8198-821	241	165		
450	Nylon HI-TECH	Roller	4-8199-829	4-8198-829	241	165		
410	Polyolefin	Delrin	4-8199-831	4-8198-831	241	165		
410	Polyolefin	Roller	4-8199-839	4-8198-839	241	165		
540	Maxim	Delrin	4-8199-531	4-8198-531	241	165		
540	Maxim	Roller	4-8199-539	4-8198-539	241	165		
500	Polyurethane Aluminum	Roller	4-8199-939	4-8198-939	241	165		
560	CG-MAX Orange Polyurethane Aluminum	Ball Bearing	4-8199-9NC	4-8198-9NC	241	165		
500	Phenolic	Roller	4-8199-339	4-8198-339	241	165		
560	Cast Iron	Roller	4-8199-139	4-8198-139	241	165		
560	V-groove Cast Iron	Roller	4-8199-739	4-8198-739	241	165		
500	Polyurethane Iron	Ball Bearing	4-8199-948	4-8198-948	241	165		



Stainless Steel

(mm)	(mm)	(kg)	Wheel material	Bearing	Swivel	Rigid	(mm)	(mm)
100	51	270	Polyurethane HI-TECH	Delrin	4-4409-924	4-4408-924	143	91
		180	Performa Flat/Grey	Delrin	4-4409-454	4-4408-454	143	91
		180	Performa Flat/Black	Delrin	4-4409-454-2	4-4408-454-2	143	91
		136	Performa Conductive	Roller	4-4409-459C	4-4408-459C	143	91
		300	Thermo 230°C	Roller	4-4409-839HT	4-4408-839HT	143	91
		295	Nylon HI-TECH	Delrin	4-4409-824	4-4408-824	143	91
		227	Polyolefin	Delrin	4-4409-834	4-4408-834	143	91
		360	Maxim	Delrin	4-4409-534	4-4408-534	143	91
		270	Polyurethane HI-TECH	Ball Bearing	4-4409-928SS	4-4408-928SS	143	91
		340	Polyurethane HI-TECH	Delrin	4-5409-924	4-5408-924	165	108
		227	Performa Flat/Grey	Delrin	4-5409-454	4-5408-454	165	108
		227	Performa Flat/Black	Delrin	4-5409-454-2	4-5408-454-2	165	108
148	Performa Conductive	Roller	4-5409-459C	4-5408-459C	165	108		
360	Thermo 180°C	Roller	4-5409-839HT	4-5408-839HT	165	108		
375	Nylon HI-TECH	Delrin	4-5409-824	4-5408-824	165	108		
295	Polyolefin	Delrin	4-5409-834	4-5408-834	165	108		
455	Maxim	Delrin	4-5409-534	4-5408-534	165	108		
340	Polyurethane HI-TECH	Ball Bearing	4-5409-928SS	4-5408-928SS	165	108		
150	51	410	Polyurethane HI-TECH	Delrin	4-6409-924	4-6408-924	191	127
		270	Performa Flat/Grey	Delrin	4-6409-454	4-6408-454	191	127
		204	Performa Round/Grey	Delrin	4-6409-554	4-6408-554	191	127
		270	Performa Flat/Black	Delrin	4-6409-454-2	4-6408-454-2	191	127
		186	Performa Conductive	Roller	4-6409-459C	4-6408-459C	191	127
		400	Thermo 180°C	Roller	4-6409-839HT	4-6408-839HT	191	127
		410	Nylon HI-TECH	Delrin	4-6409-824	4-6408-824	191	127
		318	Polyolefin	Delrin	4-6409-834	4-6408-834	191	127
		500	Maxim	Delrin	4-6409-534	4-6408-534	191	127
		410	Polyurethane HI-TECH	Ball Bearing	4-6409-928SS	4-6408-928SS	191	127
		450	Polyurethane HI-TECH	Delrin	4-8499-924	4-8498-924	241	165
		306	Performa Flat/Grey	Delrin	4-8499-454	4-8498-454	241	165
272	Performa Round/Grey	Delrin	4-8499-554	4-8498-554	241	165		
306	Performa Flat/Black	Delrin	4-8499-454-2	4-8498-454-2	241	165		
227	Performa Conductive	Roller	4-8499-454C	4-8498-454C	241	165		
450	Thermo 180°C	Roller	4-8499-839HT	4-8498-839HT	241	165		
450	Nylon HI-TECH	Delrin	4-8499-824	4-8498-824	241	165		
410	Polyolefin	Delrin	4-8499-834	4-8498-834	241	165		
540	Maxim	Delrin	4-8499-534	4-8498-534	241	165		
450	Polyurethane HI-TECH	Ball Bearing	4-8499-928SS	4-8498-928SS	241	165		



Performa Conductive

Performa Conductive wheels have been rigorously tested and approved by an independent lab and meet the requirements of federal specification FF-C-88C. This specification requires an average electrical resistance of less than **250,000 ohms**. For other wheel sizes, please consult factory for availability. **Temperature Range: -45°F to +180°F** intermittent service (120° continuous service) **Hardness: 75(±5)** Durometer Shore A scale.



ENFORCER

(mm)	(mm)	(kg)	Wheel material	Bearing	Swivel	Rigid	(mm)	(mm)
100	51	270	Polyurethane HI-TECH	Prec. Ball	4-4189-928	4-4108-928	143	91
		180	Performa Flat/Grey	Roller	4-4189-459	4-4108-459	143	91
		180	Performa Flat/Grey	PPBB	4-4189-455	4-4108-455	143	91
		180	Performa Flat/Black	Roller	4-4189-459-2	4-4108-459-2	143	91
		180	Performa Flat/Black	PPBB	4-4189-455-2	4-4108-455-2	143	91
		300	Thermo 180°C	Roller	4-4189-839HT	4-4108-839HT	143	91
		295	Nylon HI-TECH	Roller	4-4189-829	4-4108-829	143	91
		227	Polyolefin	Roller	4-4189-839	4-4108-839	143	91
		360	Maxim	Roller	4-4189-539	4-4108-539	143	91
		315	Polyurethane Aluminum	Roller	4-4189-939	4-4108-939	143	91
		360	CG-MAX Orange Polyurethane Aluminum	Prec. Ball	4-4189-9NC	4-4108-9NC	143	91
		360	Phenolic	Roller	4-4189-339	4-4108-339	143	91
		455	Cast Iron	Roller	4-4189-139	4-4108-139	143	91
		455	V-groove Cast Iron	Roller	4-4189-739	4-4108-739	143	91
		125	51	340	Polyurethane HI-TECH	Prec. Ball	4-5189-928	4-5108-928
227	Performa Flat/Grey			Roller	4-5189-459	4-5108-459	165	98
227	Performa Flat/Grey			PPBB	4-5189-455	4-5108-455	165	98
227	Performa Flat/Black			Roller	4-5189-459-2	4-5108-459-2	165	98
227	Performa Flat/Black			PPBB	4-5189-455-2	4-5108-455-2	165	98
360	Thermo 180°C			Roller	4-5189-839HT	4-5108-839HT	165	98
375	Nylon HI-TECH			Roller	4-5189-829	4-5108-829	165	98
295	Polyolefin			Roller	4-5189-839	4-5108-839	165	98
455	Maxim			Roller	4-5189-539	4-5108-539	165	98
450	Polyurethane Aluminum			Roller	4-5189-939	4-5108-939	165	98
454	CG-MAX Orange Polyurethane Aluminum			Prec. Ball	4-5189-9NC	4-5108-9NC	165	98
450	Phenolic			Roller	4-5189-339	4-5108-339	165	98
455	Cast Iron			Roller	4-5189-139	4-5108-139	165	98
540	Forged Steel			Roller	4-5189-239	4-5108-239	165	98

(mm)	(mm)	(kg)	Wheel material	Bearing	Swivel	Rigid	(mm)	(mm)		
150	51	410	Polyurethane HI-TECH	Ball Bearing	4-6189-928	4-6108-928	191	117		
		270	Performa Flat/Grey	Roller	4-6189-459	4-6108-459	191	117		
		270	Performa Flat/Grey	FPBB	4-6189-455	4-6108-455	191	117		
		204	Performa Round/Grey	Roller	4-6189-559	4-6108-559	191	117		
		270	Performa Flat/Black	Roller	4-6189-459-2	4-6108-459-2	191	117		
		270	Performa Flat/Black	FPBB	4-6189-455-2	4-6108-455-2	191	117		
		400	Thermo 180°C	Roller	4-6189-839HT	4-6108-839HT	191	117		
		410	Nylon HI-TECH	Roller	4-6189-829	4-6108-829	191	117		
		318	Polyolefin	Roller	4-6189-839	4-6108-839	191	117		
		500	Maxim	Roller	4-6189-539	4-6108-539	191	117		
		450	Polyurethane Aluminum	Roller	4-6189-939	4-6108-939	191	117		
		568	CG-MAX Orange Polyurethane Aluminum	Ball Bearing	4-6189-9NC	4-6108-9NC	191	117		
		450	Phenolic	Roller	4-6189-339	4-6108-339	191	117		
		540	Cast Iron	Roller	4-6189-139	4-6108-139	191	117		
		560	Forged Steel	Roller	4-6189-239	4-6108-239	191	117		
		540	V-groove Cast Iron	Roller	4-6189-739	4-6108-739	191	117		
		450	Polyurethane Iron	Ball Bearing	4-6189-948	4-6108-948	191	117		
		200	51	450	Polyurethane HI-TECH	Prec. Ball	4-8189-928	4-8198-928	241	155
				306	Performa Flat/Grey	Roller	4-8189-459	4-8198-459	241	155
				306	Performa Flat/Grey	FPBB	4-8189-455	4-8198-455	241	155
272	Performa Round/Grey			Roller	4-8189-559	4-8198-559	241	155		
306	Performa Flat/Black			Roller	4-8189-459-2	4-8198-459-2	241	155		
306	Performa Flat/Black			FPBB	4-8189-455-2	4-8198-455-2	241	155		
450	Thermo 180°C			Roller	4-8189-839HT	4-8198-839HT	241	155		
450	Nylon HI-TECH			Roller	4-8189-829	4-8198-829	241	155		
410	Polyolefin			Roller	4-8189-839	4-8198-839	241	155		
540	Maxim			Roller	4-8189-539	4-8198-539	241	155		
500	Polyurethane Aluminum			Roller	4-8189-939	4-8198-939	241	155		
680	CG-MAX Orange Polyurethane Aluminum			Ball Bearing	4-8189-9NC	4-8198-9NC	241	155		
500	Phenolic			Roller	4-8189-339	4-8198-339	241	155		
560	Cast Iron			Roller	4-8189-139	4-8198-139	241	155		
560	V-groove Cast Iron			Roller	4-8189-739	4-8198-739	241	155		
500	Polyurethane Iron	Ball Bearing	4-8189-948	4-8198-948	241	155				

Wheel Selection



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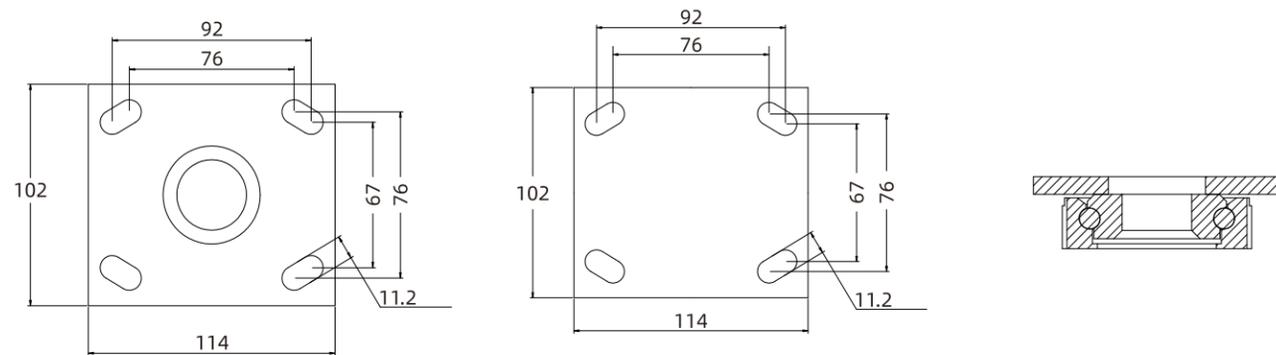


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Bearing Selection



Brake Selection



WORKPLACE SAFETY & COST SAVINGS

- ▶ PUSH/PULL EASIER
- ▶ TURAN EASIER
- ▶ REDUCE NOISE
- ▶ BOOST EFFICIENCY



6 series

Capacity up to 680kg



(mm)	(mm)	(kg)	Wheel material	Bearing	Swivel	Rigid	(mm)	(mm)		
150	51	410	Polyurethane HI-TECH	Ball Bearing	6-6209-928	6-6208-928	191	122		
		270	Performa Flat/Grey	Roller	6-6209-459	6-6208-459	191	122		
		270	Performa Flat/Grey	FPBB	6-6209-455	6-6208-455	191	122		
		204	Performa Round/Grey	Roller	6-6209-559	6-6208-559	191	122		
		270	Performa Flat/Black	Roller	6-6209-459-2	6-6208-459-2	191	122		
		270	Performa Flat/Black	FPBB	6-6209-455-2	6-6208-455-2	191	122		
		400	Thermo 180°C	Roller	6-6209-839HT	6-6208-839HT	191	122		
		410	Nylon HI-TECH	Roller	6-6209-829	6-6208-829	191	122		
		318	Polyolefin	Roller	6-6209-839	6-6208-839	191	122		
		500	Maxim	Roller	6-6209-539	6-6208-539	191	122		
		450	Polyurethane Aluminum	Roller	6-6209-939	6-6208-939	191	122		
		568	CG-MAX Orange Polyurethane Aluminum	Ball Bearing	6-6209-9NC	6-6208-9NC	191	122		
		450	Phenolic	Roller	6-6209-339	6-6208-339	191	122		
		650	Cast Iron	Roller	6-6209-139	6-6208-139	191	122		
		680	Forged Steel	Roller	6-6209-239	6-6208-239	191	122		
		650	V-groove Cast Iron	Roller	6-6209-739	6-6208-739	191	122		
		450	Polyurethane HI-TECH	Ball Bearing	6-6259-948	6-6258-948	191	122		
		200	51	450	Polyurethane HI-TECH	Prec. Ball	6-8299-928	6-8298-928	241	159
				306	Performa Flat/Grey	Roller	6-8299-459	6-8298-459	241	159
				306	Performa Flat/Grey	FPBB	6-8299-455	6-8298-455	241	159
272	Performa Round/Grey			Roller	6-8299-559	6-8298-559	241	159		
306	Performa Flat/Black			Roller	6-8299-459-2	6-8298-459-2	241	159		
306	Performa Flat/Black			FPBB	6-8299-455-2	6-8298-455-2	241	159		
450	Thermo 180°C			Roller	6-8299-839HT	6-8298-839HT	241	159		
450	Nylon HI-TECH			Roller	6-8299-829	6-8298-829	241	159		
410	Polyolefin			Roller	6-8299-839	6-8298-839	241	159		
600	Maxim			Roller	6-8299-539	6-8298-539	241	159		
500	Polyurethane Aluminum			Roller	6-8299-939	6-8298-939	241	159		
680	CG-MAX Orange Polyurethane Aluminum			Ball Bearing	6-8299-9NC	6-8298-9NC	241	159		
500	Phenolic			Roller	6-8299-339	6-8298-339	241	159		
680	Cast Iron			Roller	6-8299-139	6-8298-139	241	159		
680	V-groove Cast Iron			Roller	6-8299-739	6-8298-739	241	159		
500	Polyurethane HI-TECH			Ball Bearing	6-8299-948	6-8298-948	241	159		

Features

- ★ Full double ball raceway hardened with heat treat process for better performance and greater durability.
- ★ Zinc plated finish with RoHS compliance.
- ★ Diameters: 150 ,200mm.
- ★ Bearing type:Prec. Ball,roller bearing,pedestal precision ball ,delrin
- ★ Housing type:top Plate.

HI-TECH POLYURETHANE

- 🔥 EXTENDED LIFE
- 🛠 ENHANCED ERGONOMICS
- 🏋 BOOSTED CAPACITY





(mm)	(mm)	(kg)	Wheel material	Bearing	Swivel	Rigid	(mm)	(mm)		
150	51	410	Polyurethane HI-TECH	Ball Bearing	6-6289-928	6-6278-928	191	119		
		270	Performa Flat/Grey	Roller	6-6289-459	6-6278-459	191	119		
		270	Performa Flat/Grey	FPBB	6-6289-455	6-6278-455	191	119		
		204	Performa Round/Grey	Roller	6-6289-559	6-6278-559	191	119		
		270	Performa Flat/Black	Roller	6-6289-459-2	6-6278-459-2	191	119		
		270	Performa Flat/Black	FPBB	6-6289-455-2	6-6278-455-2	191	119		
		400	Thermo 180°C	Roller	6-6289-839HT	6-6278-839HT	191	119		
		410	Nylon HI-TECH	Roller	6-6289-829	6-6278-829	191	119		
		318	Polyolefin	Roller	6-6289-839	6-6278-839	191	119		
		500	Maxim	Roller	6-6289-539	6-6278-539	191	119		
		450	Polyurethane Aluminum	Roller	6-6289-939	6-6278-939	191	119		
		568	CG-MAX Orange Polyurethane Aluminum	Ball Bearing	6-6289-9NC	6-6278-9NC	191	119		
		450	Phenolic	Roller	6-6289-339	6-6278-339	191	119		
		650	Cast Iron	Roller	6-6289-139	6-6278-139	191	119		
		680	Forged Steel	Roller	6-6289-239	6-6278-239	191	119		
		650	V-groove Cast Iron	Roller	6-6289-739	6-6278-739	191	119		
		200	51	450	Polyurethane HI-TECH	Ball Bearing	6-8289-948	6-8278-948	191	119
				450	Polyurethane HI-TECH	Ball Bearing	6-8289-928	6-8278-928	257	165
306	Performa Flat/Grey			Roller	6-8289-459	6-8278-459	257	165		
306	Performa Flat/Grey			PPBB	6-8289-455	6-8278-455	257	165		
272	Performa Round/Grey			Roller	6-8289-559	6-8278-559	257	165		
306	Performa Flat/Black			Roller	6-8289-459-2	6-8278-459-2	257	165		
306	Performa Flat/Black			FPBB	6-8289-455-2	6-8278-455-2	257	165		
450	Thermo 180°C			Roller	6-8289-839HT	6-8278-839HT	257	165		
450	Nylon HI-TECH			Roller	6-8289-829	6-8278-829	257	165		
410	Polyolefin			Roller	6-8289-839	6-8278-839	257	165		
600	Maxim			Roller	6-8289-539	6-8278-539	257	165		
500	Polyurethane Aluminum			Roller	6-8289-939	6-8278-939	257	165		
680	CG-MAX Orange Polyurethane Aluminum			Ball Bearing	6-8289-9NC	6-8278-9NC	257	165		
500	Phenolic			Roller	6-8289-339	6-8278-339	257	165		
680	Cast Iron			Roller	6-8289-139	6-8278-139	257	165		
680	V-groove Cast Iron			Roller	6-8289-739	6-8278-739	257	165		
500	Polyurethane HI-TECH			Ball Bearing	6-8289-948	6-8278-948	257	165		

CG-MAX EFFICIENCY WHEEL™



- Our most advanced polyurethane wheel.
- ANSI:ICWM tested to outlast and outperform the competition.
- Patent pending self-retaining top hats reduce environmental and assembly waste.
- Debris resistant.

Wheel Selection



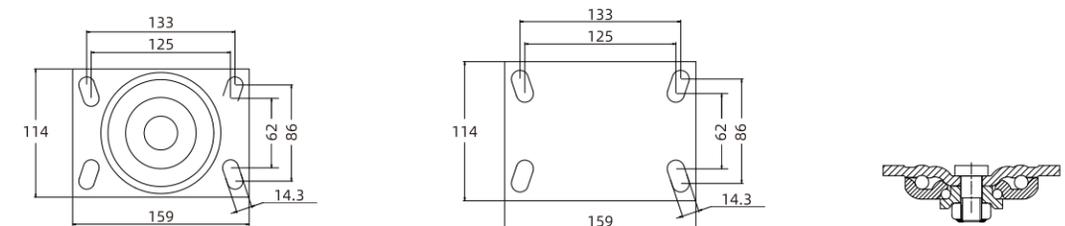
Bearing Selection



Brake Selection



Standard Dimension



7 series

Capacity up to 2025kg



Features

- ★ Full single ball raceway hardened with heat treat process for better performance and greater durability.
- ★ Zinc plated finish with RoHS compliance.
- ★ Diameters: 150 ,200mm.
- ★ Bearing type: Prec. Ball, roller bearing, pedestal precision ball ,delrin
- ★ Grease fittings in wheel bearing and swivel raceway for easy maintenance
- ★ Notches in the raceway allows for easy installation of swivel locks.



(mm)	(mm)	(kg)	Wheel material	Bearing	Swivel	Rigid	(mm)	(mm)
150	64	1800	Forged Steel	Roller	7-6679-269	7-6678-269	191	121
200	76	2025			7-8679-279	7-8678-279	257	162
250	76	2025			7-10679-279	7-10678-279	292	192
150	76	900	Polyurethane Aluminum	Roller	7-6679-979	7-6678-979	195	121
200	76	1125			7-8679-979	7-8678-979	257	162
250	64	1035			7-10679-959	7-10678-959	292	192
250	76	1350			7-10679-979	7-10678-979	292	192
300	76	1575			7-12679-979	7-12678-979	343	230
150		900	Polyurethane Iron	Ball Bearing	7-6679-985	7-6678-985	195	121
200	76	1125			7-8679-985	7-8678-985	257	162
250		1350			7-10679-985	7-10678-985	292	192
300		1575			7-12679-985	7-12678-985	343	230

Wheel Selection



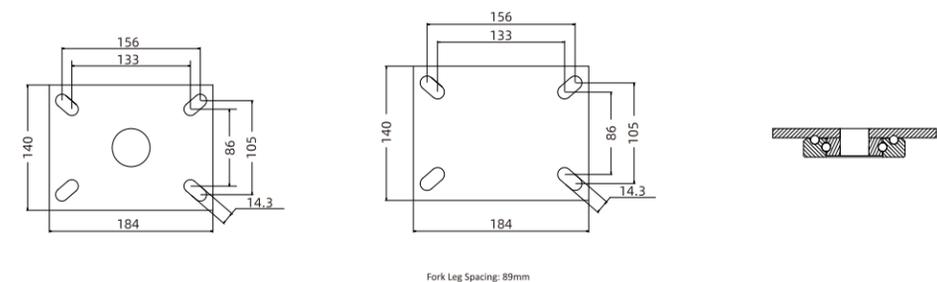
Brake Selection



Bearing Selection



Standard Dimension





Need even more load capacity?

Check out our Made 110,310,410 and 610 Series Kingpinless Caster-featuring an industry leading 1Year Warranty.



ALBION is part of Colson Group. For almost 80 years, Albion has remained dedicated to solving industrial mobility challenges for customers around the world. Leveraging our industry-proven experience and manufacturing technology, Albion offers the most complete lineup of industrial caster and wheel products, coupled with cutting-edge design capabilities to solve even the toughest application challenges.

Looking for a **Heavy Duty Wheel**

that also **PROTECTS YOUR FLOOR?**



HEAVY DUTY WHEELS BY ALBION

PF
UPTO CAPACITY



Features

- Color: Yellow flat tread
- Temperater: -40~80
- Hardness: 95 Shore A

VG
UPTO CAPACITY



Features

- High quality heavy duty cast iron
- Color: Silver metallic paint
- The maximum temperature can reach 400°C

NX
UPTO CAPACITY



Features

- Color: Black
- Temperater: -35~100°C
- Hardness: 78-82 Shore D

CA
UPTO CAPACITY



Features

- Tread: Machined / Straight tread
- Color: Silver metallic paint
- The maximum temperature can reach 400°C

MR
UPTO CAPACITY



Features

- Color: Rubber/Black rubber-coated core
- Temperater: -40~80°C
- Hardness: 78-82 Shore A

VM
UPTO CAPACITY



Features

- Tread: VM wheel with V-Groove
- Color: Silver metallic paint/black paint
- The maximum temperature can reach 400°C

110/310/410/610 series

Capacity up to 3270kg



Features

- ★ Yoke Base: Notched AISI 1045 steel.
- ★ Swivel Section: One row of 3/8" ball bearings mounted in a heat-treated precision machined raceway.
- ★ Axle: 1/2" diameter hollow axle with zerk fitting on roller and tapered bearing models.
- ★ Improved zinc plated finish for attractive appearance, better corrosion resistance and longer life.

110 SERIES



Swivel	Rigid	(mm)	(mm)	(kg)	(mm)	(mm)
110PF06228S	110PF06228R	152.40	50.80	630	190.50	39.69
110PF08228S	110PF08228R	203.20	50.80	630	257.18	57.15
110NX04228S	110NX04228R	101.60	50.80	630	142.88	30.16
110NX05228S	110NX05228R	127.00	50.80	630	165.10	34.93
110NX06228S	110NX06228R	152.40	50.80	630	190.50	39.69
110NX08228S	110NX08228R	203.20	50.80	630	257.18	57.15
110CA04201S	110CA04201R	101.60	47.63	450	142.88	30.16
110CA05201S	110CA05201R	127.00	47.63	590	165.10	34.93
110CA06201S	110CA06201R	152.40	47.63	630	190.50	39.69
110CA08201S	110CA08201R	203.20	50.80	630	257.18	57.15
110VG04201S	110VG04201R	101.60	50.80	360	142.88	30.16
110VG05201S	110VG05201R	127.00	50.80	360	165.10	34.93
110VG06201S	110VG06201R	152.40	50.80	450	190.50	39.69

310 SERIES



Swivel	Rigid	(mm)	(mm)	(kg)	(mm)	(mm)
310PF06528S	310PF06528R	152.40	76.20	1400	190.50	34.93
310PF08528S	310PF08528R	203.20	76.20	1500	257.18	39.69
310PF10528S	310PF10528R	254.00	76.20	1800	292.10	57.15
310PF12528S	310PF12528R	304.80	76.20	1860	342.90	68.26
310NX06528S	310NX06528R	152.40	76.20	1860	190.50	34.93
310NX08528S	310NX08528R	203.20	76.20	1860	257.18	39.69
310NX10528S	310NX10528R	254.00	76.20	1860	292.10	57.15
310NX12528S	310NX12528R	304.80	76.20	1860	342.90	68.26
310CA06529S	310CA06529R	152.40	76.20	1270	190.50	34.93
310CA08529S	310CA08529R	203.20	76.20	1270	257.18	39.69
310CA10529S	310CA10529R	254.00	76.20	1270	292.10	57.15
310CA12529S	310CA12529R	304.80	76.20	1270	342.90	68.26
310VG08529S	310VG08529R	203.20	76.20	1130	257.18	52.39
310VG10529S	310VG10529R	254.00	76.20	1360	292.10	57.15

410 SERIES



Swivel	Rigid	(mm)	(mm)	(kg)	(mm)	(mm)
410PF06528S	410PF06528R	152.40	76.20	1400	203.20	56.36
410PF08528S	410PF08528R	203.20	76.20	1800	266.70	74.61
410PF10528S	410PF10528R	254.00	76.20	1900	317.50	85.73
410PF12528S	410PF12528R	305.00	76.20	2000	393.70	109.54
410NX06528S	410NX06528R	152.40	76.20	2450	203.20	56.36
410NX08528S	410NX08528R	203.20	76.20	2450	266.70	74.61
410NX10528S	410NX10528R	254.00	76.20	2450	317.50	85.73
410NX12528S	410NX12528R	305.00	76.20	2450	393.70	109.54
410FR06501S	410FR06501R	152.40	76.20	2450	203.20	56.36
410FR08510S	410FR08510R	203.20	76.20	2270	266.70	74.61
410FR10501S	410FR10501R	254.00	76.20	2270	317.50	85.73

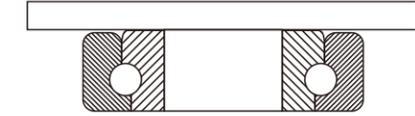
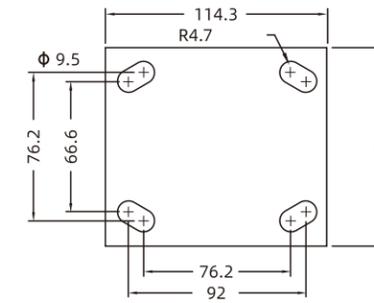
610 SERIES



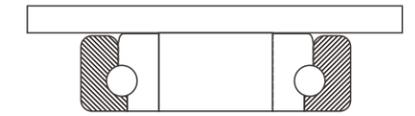
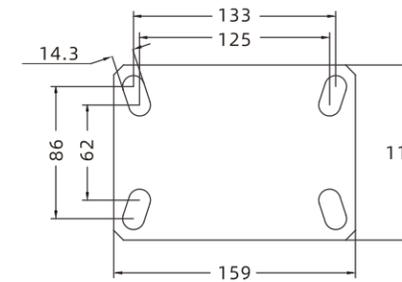
Swivel	Rigid	(mm)	(mm)	(kg)	(mm)	(mm)
610PF06528S	610PF06528R	152.00	76.20	1400	215.90	44.45
610PF08528S	610PF08528R	203.00	76.20	1800	266.70	57.15
610PF10528S	610PF10528R	254.00	76.20	1900	317.50	69.85
610PF12528S	610PF12528R	304.80	76.20	2000	393.40	92.08
610NX06528S	610NX06528R	152.00	76.20	3270	215.90	44.45
610NX08528S	610NX08528R	203.00	76.20	3270	266.70	57.15
610NX10528S	610NX10528R	254.00	76.20	3270	317.50	69.85
610NX12528S	610NX12528R	304.80	76.20	3270	393.40	92.08
610CA06529S	610CA06529R	152.00	76.20	1270	215.90	44.45
610CA08529S	610CA08529R	203.00	76.20	1270	266.70	57.15
610CA10529S	610CA10529R	254.00	76.20	1270	317.50	69.85
610CA12529S	610CA12529R	304.80	76.20	1270	393.40	92.08
610FM06501S	610FM06501R	152.00	76.20	2720	215.90	44.45
610FM08501S	610FM08501R	203.00	76.20	2720	266.70	57.15
610FM10501S	610FM10501R	254.00	76.20	2720	317.50	69.85

Standard Dimension

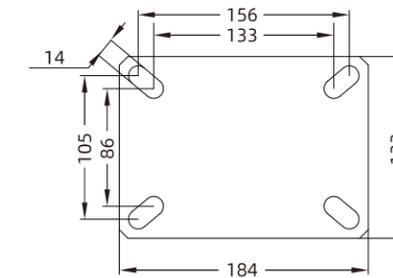
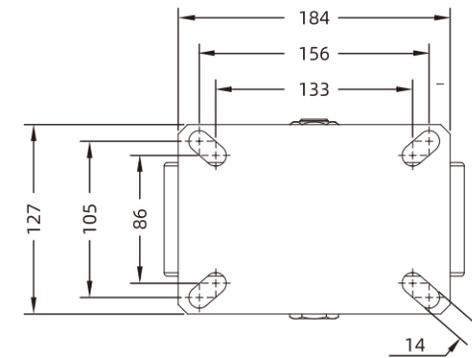
110 series



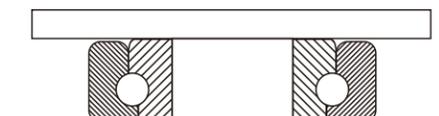
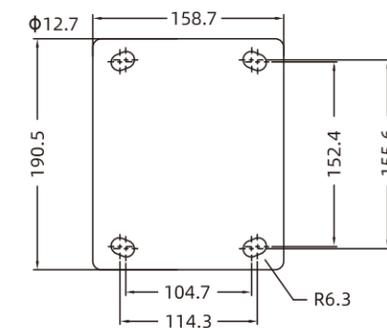
310 series



410 series



610 series



Brake Selection



Hand operated field installable swivel lock order **SL 160**



Face specify **FBB**



Face specify **FBB**(for 610 series)

AGV series

Capacity up to 2500kg



Features

- ★ Manufactured using imported polyurethane casting, offering excellent wear resistance and anti-aging properties..
- ★ Featuring a double-bearing structure, it is compact, requires less steering effort, and rotates more smoothly.
- ★ The dual-wheel differential design enhances driving performance.
- ★ Certified by ICWM testing, compliant with RoHS standards.



(kg)	(mm)	(mm)	Hardness Shore A	(mm)	Swing Diameter (mm)	(mm)	Installable Dimension (mm)	Mounting Hole Dimension (mm)
150	79	55	95 ± 3	20	102	100×80	80/76x60	8.7
250	87	60	95 ± 3	20	108	105×80	86/82x60.5	9
300	107	75	95 ± 3	21	126	90×90	70x70	M8
400	110.5	80	95 ± 3	25	144	125×125	98x98	11
600	127	90	95 ± 3	30	176	125×125	98x98	11
1000	204	152.4	95 ± 3	42	270	155.6×133.4	155.6/133.4x104.8/85.7	14
1500	200	148	95 ± 3	57	310	104.8×85.7	155.6/133.4x104.8/85.7	14
2500	276	203	95 ± 3	65	390	165x165	150/165x150/165	M10

(Wheel Material)	(Wheel Core)	(mm)	(mm)	R (R Arc)	Hardness (Shore A)	Surface Treatment	Fitting Hole (mm)
PU	Ductile Iron	230	70	Double-sided 20mm 14-degree angle	85	Anti-rust Oil	45
PU	Steel	190	55	R190	83	Spray Paint	45
Rubber	Steel	250	90	Flat Tread	70	Anti-rust Oil	Threaded Mounting Hole
Rubber	Cast Iron	203	47	Flat Tread	80	Spray Paint	Keyslot Hole



550PF series

Capacity up to 3270kg



Features

- ★ Made with imported polyurethane materials through casting, ensuring wear resistance and anti-aging properties.
- ★ The shock-absorbing damping structure effectively absorbs minor vibrations, providing a smoother experience.
- ★ Equipped with both tread and directional brake designs.
- ★ The double-bearing structure is compact, requires less turning force, and offers more flexible rotation, enhancing operational convenience and efficiency.
- ★ Certified by ICWM testing, compliant with RoHS standards.



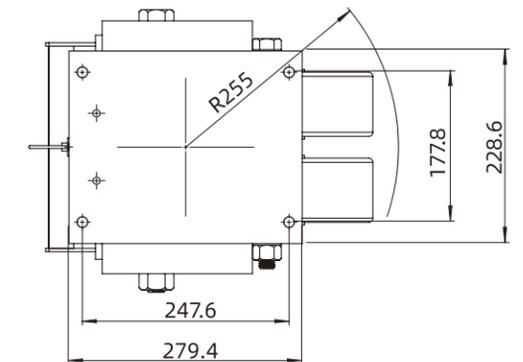
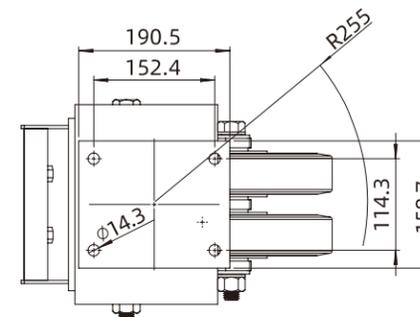
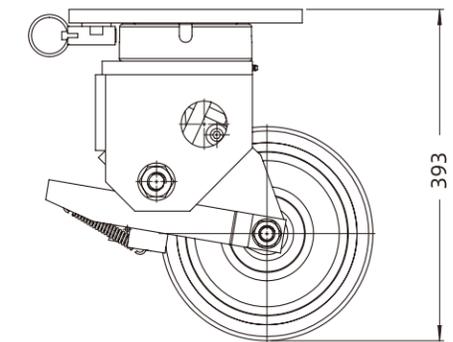
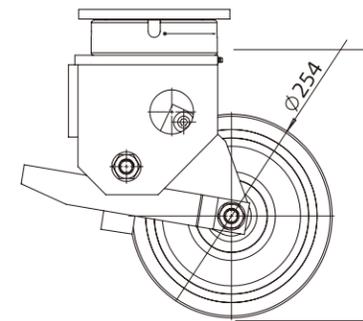
550PF10228S



550PF10528S

 (kg)	 (mm)	Swivel diameter (mm)	 (mm)	PU wheel diameter (mm)	Hardness (Shore A)	Wheel diameter (mm)	Hole diameter (mm)
1500	385	255	220	250X50.8	95	190X158	14.3
3000	395	255	220	250X76.2	95	110X80	14.3

Standard Dimension



Server Rack Caster

Capacity up to 540kg

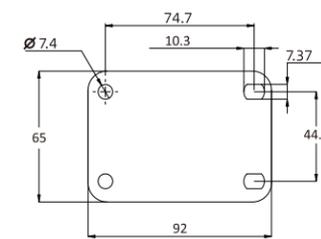


(mm)	(mm)	(kg)	(Wheel material)	(Bearing)	(Swivel)	(Rigid)	(mm)	(mm)
50	40	90	Rubber	Plain	Z701-50-447	Z702-50-447	75	46
50	40	90	Rubber	Plain	Z701-50-447B		75	46
64	36	180	Nylon	Plain	Z701-65-506	-	78	63
64	36	150	Polyolefin	Plain	Z701-65-206	-	78	63
64	44	180	Polyolefin	Plain	Z701-65-206K	Z702-65-206	88	45
75	44	230	Polyolefin	Roller Bearing	Z701-75-203	Z702-75-203	102	59
75	44	230	Polyolefin	Roller Bearing	Z701-75-203B		102	59
50	41	200	Glass Filled Nylon	Plain	S4-2205-351-99	S4-2208-351-99	73	60
75	46	227	Glass Filled Nylon	Roller Bearing	S4-3305-351	-	103	66
75	46	136	Polyurethane	Ball bearing	S4-3307-951	S4-3308-951	103	63
75	46	136	Polyurethane	Roller Bearing	S4-3307-951BRK3		103	63
75	46	310	Glass Filled Nylon	Roller Bearing	S4-3307-351	S4-3308-351	103	63
75	46	310	Glass Filled Nylon	Roller Bearing	S4-3307-351BRK3		103	63
75	46	540	Glass Filled Nylon	Roller Bearing	S4-3312-351	S4-3308-351R	105	60
75	46	540	Glass Filled Nylon	Roller Bearing	S4-3312-351BRK3		105	60

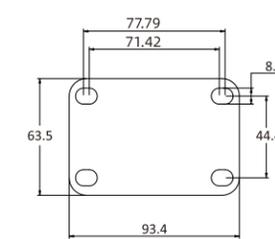
Features

- ★ Double ball raceway hardened with heat treat process for greater performance and better durability.
- ★ Zinc-plated finish or electrophoresis with RoHS compliance.
- ★ Ultra-tough, thermoplastic wheel resists hard impacts and supports high dynamic load.
- ★ Typical applications for vending machines, computer racks, server cabinets or anywhere overall load height is restricted.

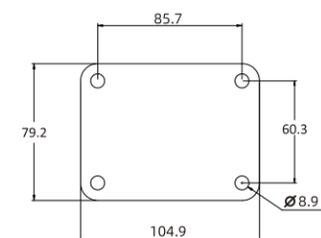
Brake Selection



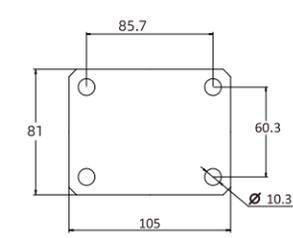
S4-2205



S4-3305



S4-3307



S4-3312

AIR CARGO

Capacity up to 200kg



Features

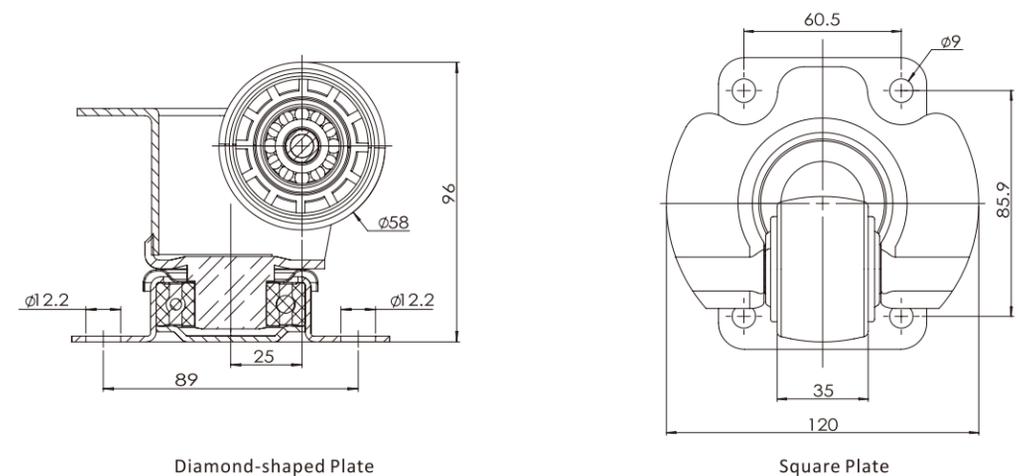
- ★ Double ball raceway hardened with heat treat process for greater performance and better durability.
- ★ Zinc-plated finish or electrophoresis with RoHS compliance.
- ★ Ultra-tough, thermoplastic wheel resists hard impacts and supports high dynamic load.
- ★ Typical applications for vending machines, computer racks, server cabinets or anywhere overall load height is restricted.



(mm)	(mm)	(kg)	(Wheel material)	(Bearing)	(Swivel)	(mm)	(mm)
75	34	120	Black Polyolefin	Flanged Radial Ball	Z711-75-204	95	67
75	34	120	Black Polyolefin	Flanged Radial Ball	Z711-75-204	120	61
67	35	120	Apricot Polyolefin	Double Needle Bearing	Z711-67-212 Square	96	57
67	35	120	Apricot Polyolefin	Double Needle Bearing	Z711-67-212	96	57
58	35	136	Nylon	Ball Bearing	3-2646-255	96	25
58	35	200	Nylon	Ball Bearing	8-033494-1	96	25
58	35	200	Nylon	Ball Bearing	8-033493	96	25
70	35	136	Nylon	Ball Bearing	3-3646-255	102	25
58	35	136	Nylon	Ball Bearing	3-2646-255MTG	102	25
70	35	136	Nylon	Ball Bearing	3-3646-255MTG	96	25

Note: MTG is for Square Plate

Standard Dimension



Pneumatic

Capacity up to 210kg



Features

- ★ Extra wide forks accommodate large pneumatic wheels.
- ★ Standard top plate with bolt hole spacing 84mmx70mm.
- ★ 6mm material thickness for the swivel rig; double ball raceways hardened by heat treatment.
- ★ 6mm material thickness for the rigid rig.
- ★ 6mm material thickness for the top plate.



(mm)	(mm)	(kg)	(Wheel material)	(Bearing)	(Swivel)	(Rigid)	(mm)	(mm)
200	60	140	Black Tire	Flanged Radial Ball	*Z421-200-424	*Z422-200-424	241	165
250	95	210	Black Tire	Flanged Radial Ball	*Z421-250-424	Z422-250-424	330	194
200	60	140	Black Tire	Flanged Radial Ball	*C421-200-424	*C422-200-424	241	165
200	8	200	Grey Tire Aluminum	Flanged Radial Ball	*C421-200-414	*C422-200-414	241	166
200	8	200	Grey Tire Aluminum	Flanged Radial Ball	*T421-200-414	*T422-200-414	241	166
200	60	140	Grey Tire	Flanged Radial Ball	*Z421-200-434	*Z422-200-434	241	165
250	95	210	Grey Tire	Flanged Radial Ball	Z421-250-434	Z422-250-434	330	194

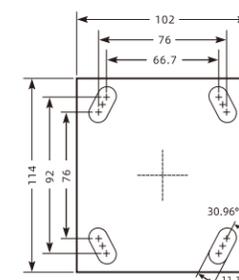
Wheel Selection



Wheel Diameter

Wheel Spec	Black Tire on zinc-plating wheel discs	Black Tire on chrome-plating wheel discs	Black Tire on copper-plating wheel discs	Grey Tire on zinc-plating wheel discs	Grey Tire on Aluminum core
8X2.35	44-941	44-942	44-943	44-947	71-928-1
10X3.5	44-963	44-950	44-970	44-964	—

Standard Dimension



Note:
Standard finish is zinc-plating. Copper-plating and chrome-plating are also available. Please add "T" for copper-plating or "C" for chrome-plating to the end of model number.
Side lock brake is available. Please add "B" to the end of model number.

European Medium Duty

Capacity up to 180kg



Features

- ★ Top plate with hollow kingpin. Please see the right for top plate dimension.
- ★ 3.5mm material thickness for swivel.
- ★ 3mm material thickness for rigid.
- ★ 4mm material thickness for top plate.
- ★ 6mm material thickness for the top plate.



(mm)	(mm)	(kg)	(Wheel material)	(Bearing)	(Swivel)	(Rigid)	(mm)	(mm)
100	35	150	Performa	Ball Bearing	Z511-100-101Q	Z512-100-101	128	135
100		150			Z511-100-101		128	90
125		180			Z511-125-101Q	Z512-125-101	156	135
125		180			Z511-125-101		156	101
100	35	120	Polyolefin	Ball Bearing	Z511-100-211Q	Z512-100-211	128	135
100		120			Z511-100-211		128	90
125		140			Z511-125-211Q	Z512-125-211	156	135
125		140			Z511-125-211		156	101
100	35	150	Nylon	Ball Bearing	Z511-100-501Q	Z512-100-501	128	135
100		150			Z511-100-501		128	90
125		180			Z511-125-501Q	Z512-125-501	156	135
125		180			Z511-125-501		156	101
100	35	130	Performa	Ball Bearing	Z511-100-301Q	Z512-100-301	128	135
100		130			Z511-100-301		128	90
125		160			Z511-125-301Q	Z512-125-301	156	135
125		160			Z511-125-301		156	101
100	35	120	Performa	Ball Bearing	Z511-100-311Q	Z512-100-311	128	135
100		120			Z511-100-311		128	90
125		180			Z511-125-311Q	Z512-125-311	156	135
125		180			Z511-125-311		156	101

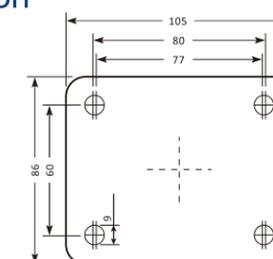
Wheel Selection



Wheel Diameter

Wheel Spec (mm)	Polyurethane on Nylon Wheel	Shock-absorbing Wheel with red annular ring	White Nylon Wheel	Performa Flat/ Grey	Performa Round/ Grey
100X35	41-614	42-564	42-604	43-442	43-444(Tread Width24mm)
125X35	41-615	42-530	42-605	43-441	43-445(Tread Width32mm)

Standard Dimension



Shopping Cart

Capacity up to 150kg



Features

- ★ 2.5mm material thickness for fork.
- ★ M12x35 thread stem.
- ★ Certified by ICWM testing, compliant with RoHS standards.



(mm)	(mm)	(kg)	(Wheel material)	(Bearing)	(Swivel)	(mm)	(mm)
125	30	100	Rubber on Polyolefin	Double Ball	*Z603-125-441	153	102



(mm)	(mm)	(kg)	(Wheel material)	(Bearing)	(Swivel)	(mm)	(mm)
125	30	100	TPR on Polyolefin	Ball Bearing	*Z603-125-301	150	102



(mm)	(mm)	(kg)	(Wheel material)	(Bearing)	(Swivel)	(mm)	(mm)
125	30	100	PU	Double Ball	*Z603-125-102	150	102

Wheel Selection



5" American Rubber anti-UV wheel with single bearing



5" American TPR wheel with double ball bearing



5" American Polyurethane Wheel



4" American Conductive Polyurethane Wheel

Wheel Diameter

Wheel Spec	5" American Rubber anti-UV wheel with single bearing	5" American TPR wheel with double ball bearing	5" American Polyurethane Wheel	4" American Conductive Polyurethane Wheel
100		X	*41-304-02 Ball	8-575403 41-304-02对应总成
125	*71-610	*71-434	*71-421 annual Ball	*71-484

Note:

The rigs and ball plate have undergone heat treatment for strengthening, making them more durable and robust.

Tinis series

Capacity up to 100kg



Application
Hospital Cart
Medical Equipment
ECG Equipment
Beauty device



Features

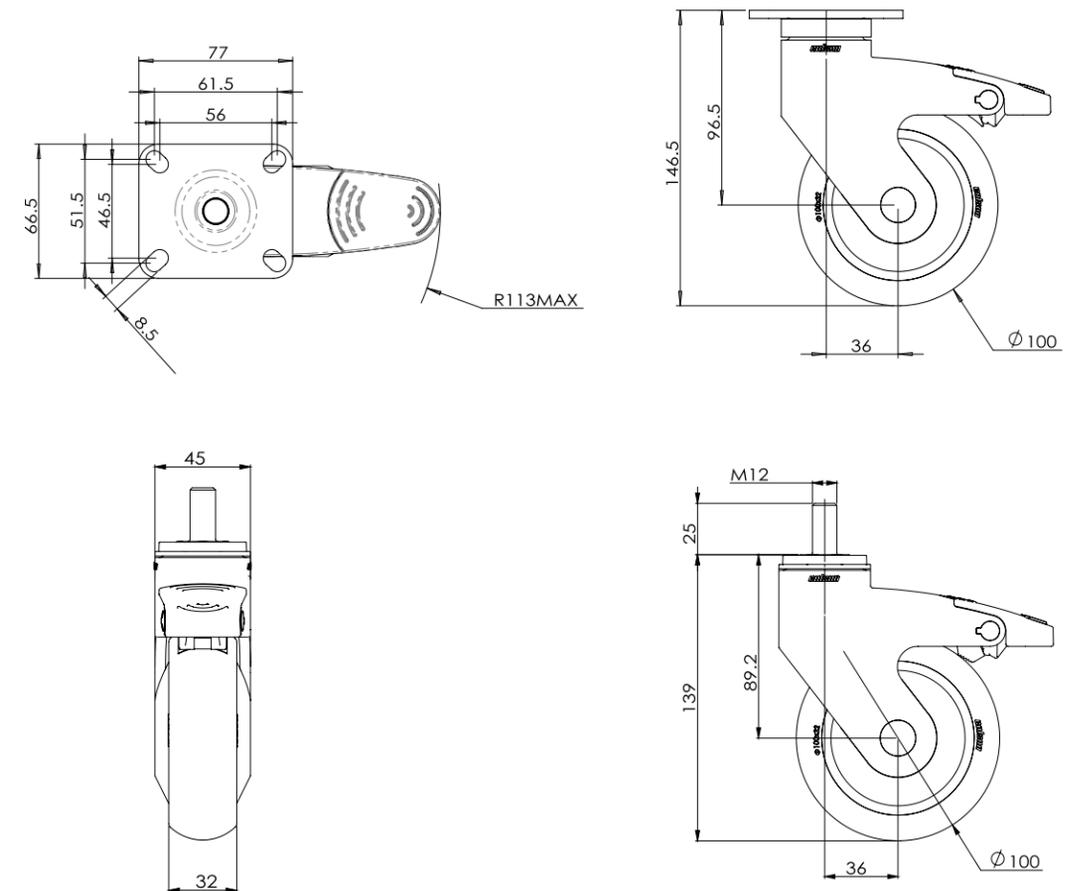
- ★ Both the wheels and brackets use sealed precision ball bearings.
- ★ TPR tread—characterized by wear resistance, flexible rotation, quiet operation, and no wheel marks.
- ★ Optional antibacterial and anti-static materials are available, and special modifications can be made for MRI environments.
- ★ Standard:EN12530.



Model	(mm)	(mm)	(kg)	Wheel material	Bearing	Swivel radius	(mm)	(mm)	
TS-4856-448	100	32	100	TPR	Ball Bearing	86	146.5	36	Top plate
TS-4856-448DL	100	32	100	TPR	Ball Bearing	113	146.5	36	Top plate
TS-4856-448BRK4	100	32	100	TPR	Ball Bearing	113	146.5	36	Top plate
TS-4854-448	100	32	100	TPR	Ball Bearing	86	146.5	36	Thread Stem
TS-4854-448BRK4	100	32	100	TPR	Ball Bearing	113	146.5	36	Thread Stem

Note: DL is for direction lock; BRK4 is for total lock.

Standard Dimension



Genesis series

Capacity up to 70kg

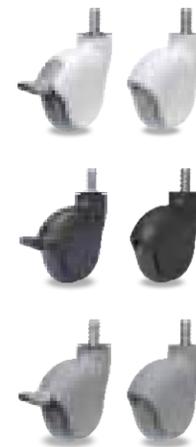


Application

- Electronic Equipment
- Audio/Visual Equipment
- Medical Equipment
- Food Service Cart

Features

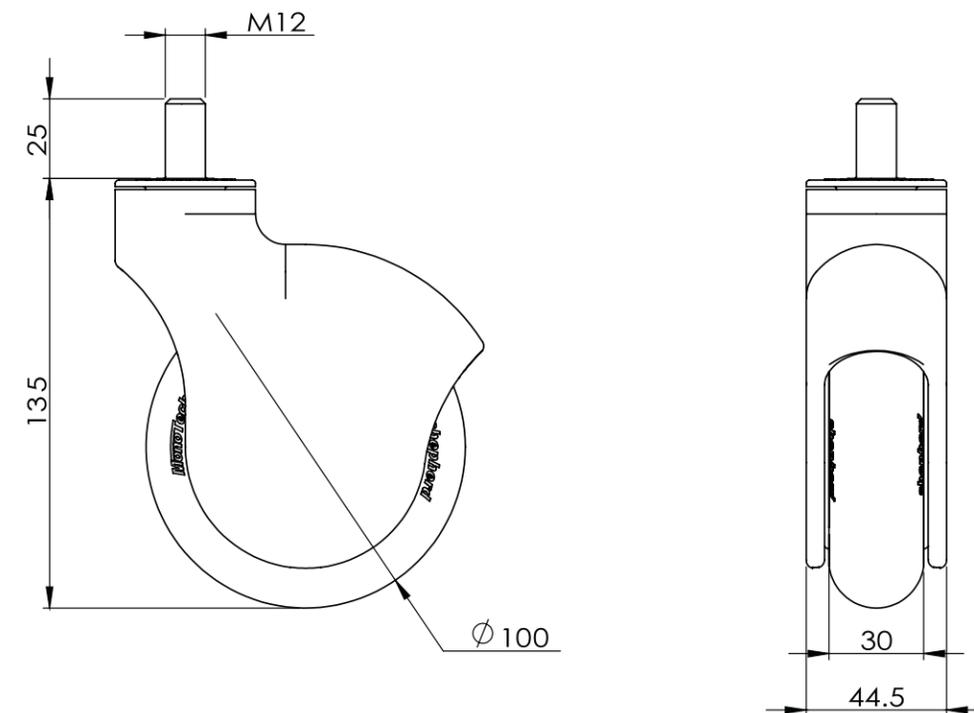
- ★ Precision ball bearings in rigs and wheels offers better performance in rolling and swiveling.
- ★ Mono Tech wheels are non-marking and resists debris. It can also be used in carpets and hard floor.
- ★ The rig with polished finish is easy for wash.
- ★ Wheels have full thread guard for added protection from carpet sutures.
- ★ Standard:EN12530.



(mm)	(kg)	Swivel	Rigid	(mm)	(mm)	Stem type
75	50	PGE30W	PGE30W-BK	100	74	M12×25
100	70	PGE40W	PGE40W-BK	135	95	M12×25
75	50	PGE30B	PGE30B-BK	100	74	M12×25
100	70	PGE40B	PGE40B-BK	135	95	M12×25
75	50	PGE30G	PGE30G-BK	100	74	M12×25
100	70	PGE40G	PGE40G-BK	135	95	M12×25

Note: B is for black, G for grey, and BK for brake.

Standard Dimension



STO series

Capacity up to 100kg



Application
Hospital Cart
Medical Equipment
Utility Cart

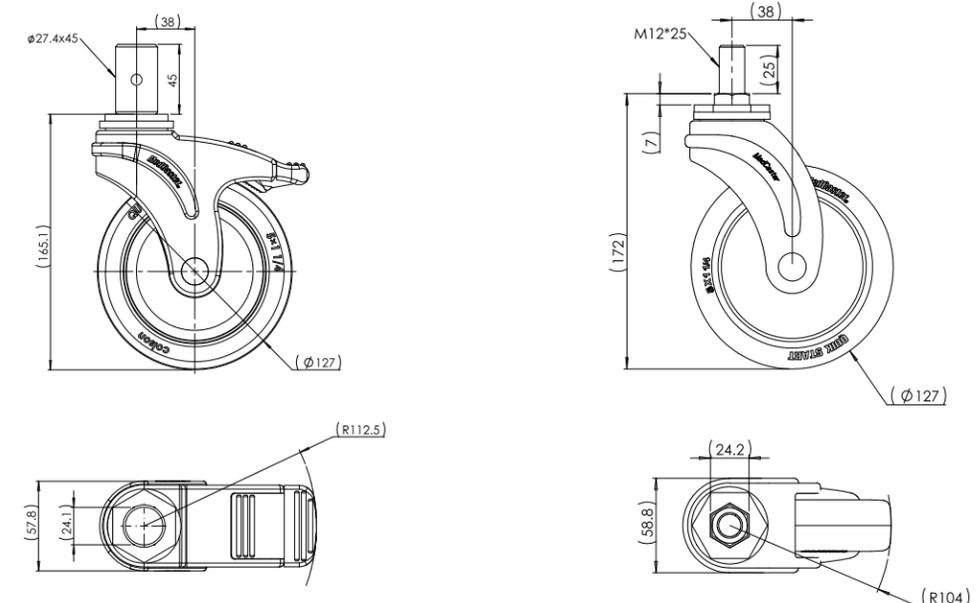
Features

- ★ Body constructed of glass filled nylon for high load capacities and durability. Light in weight but strong for high impact. Resistant to most chemicals and excellent for wash down applications.
- ★ Sealed precision ball bearing is insert molded into the swivel raceway. Wheels feature sealed precision ball bearings to provide a smooth, quiet and maintenance free ride.
- ★ Performa HI-TECH wheel is non marking and resists debris. Perfect for use on carpet and hard floor.
- ★ STO Series meets ISO Standard 22881 .



(mm)	(mm)	(kg)	Wheel material	Bearing	Swivel	(mm)	(mm)	Stem radius
75	32	70	Performa	Roller	STO-3854-448	107	72	M12X25
100	32	80	Performa	Roller	STO-4854-448	137	87	M12X25
125	32	100	Performa	Roller	STO-5854-448	172	102	M12X25
150	32	100	Performa	Roller	STO-6854-448	198	114	M12X25
75	32	70	Performa	Roller	STO-3854-448BRK4	107	95	M12X25
100	32	80	Performa	Roller	STO-4854-448BRK4	137	112	M12X25
125	32	100	Performa	Roller	STO-5854-448BRK4	172	112	M12X25
150	32	100	Performa	Roller	STO-6854-448BRK4	198	126	M12X25
100	32	100	Performa	Roller	STO-4851-448	136	87	Φ21.8x55
125	32	100	Performa	Roller	STO-5851-448	165	102	Φ21.8x55
100	32	100	Performa	Roller	STO-4851-448BRK4	136	90	Φ21.8x55
125	32	100	Performa	Roller	STO-5851-448BRK4	165	112	Φ21.8x55

Standard Dimension



SOFI series

Capacity up to 150kg



Application
Ultrasound
Anesthesia Machine
Diagnostic Equipment
Hospital Bed



SOFI series medical caster awards by the iF Design and MUSE Design

Features

- ★ Precision ball bearing design for more flexible and lightweight rotation.
- ★ Double pedal design for easier and more effortless operation.
- ★ Anti-tangle design cover prevents hair and other debris from entering the bearings, making it easy to clean.
- ★ Standard:EN12530.
- ★ SOFI series medical caster awards by the iF Design and MUSE Design.



Model	(mm)	(mm)	(kg)	Wheel material	Bearing	Swivel radius (mm)	(mm)	(mm)	
SF-3856-85	75	65	80	Polyurethane	Ball Bearing	67	98	23	Top plate
SF-3856-85DL	75	65	80	Polyurethane	Ball Bearing	78.5	98	23	Top plate
SF-3856-85BRK4	75	65	80	Polyurethane	Ball Bearing	78.5	98	23	Top plate
SF-3854-85	75	65	80	Polyurethane	Ball Bearing	67	98	23	Thread Stem
SF-3854-85DL	75	65	80	Polyurethane	Ball Bearing	78.5	98	23	Thread Stem
SF-3854-85BRK4	75	65	80	Polyurethane	Ball Bearing	78.5	98	23	Thread Stem



Model	(mm)	(mm)	(kg)	Wheel material	Bearing	Swivel radius (mm)	(mm)	(mm)	
SF-4856-85	100	70	100	Polyurethane	Ball Bearing	87	122	31	Top plate
SF-4856-85DL	100	70	100	Polyurethane	Ball Bearing	101	122	31	Top plate
SF-4856-85BRK4	100	70	100	Polyurethane	Ball Bearing	101	122	31	Top plate
SF-4854-85	100	70	100	Polyurethane	Ball Bearing	87	122	31	Thread Stem
SF-4854-85DL	100	70	100	Polyurethane	Ball Bearing	101	122	31	Thread Stem
SF-4854-85BRK4	100	70	100	Polyurethane	Ball Bearing	101	122	31	Thread Stem



Model	(mm)	(mm)	(kg)	Wheel material	Bearing	Swivel radius (mm)	(mm)	(mm)	
SF-5856-85	125	86.5	100	Polyurethane	Ball Bearing	106.7	148.5	36.7	Top plate
SF-5856-85DL	125	86.5	100	Polyurethane	Ball Bearing	145.5	148.5	36.7	Top plate
SF-5856-85BRK4	125	86.5	100	Polyurethane	Ball Bearing	145.5	148.5	36.7	Top plate
SF-5854-85	125	86.5	100	Polyurethane	Ball Bearing	106.7	152.5	36.7	Thread Stem
SF-5854-85BRK4	125	86.5	100	Polyurethane	Ball Bearing	145.5	152.5	36.7	Thread Stem

Note: DL is for direction lock; BRK4 is for total lock.

CPT series

Capacity up to 100kg



Application
Ultrasound
Anesthesia Machine
Diagnostic Equipment
Hospital Bed



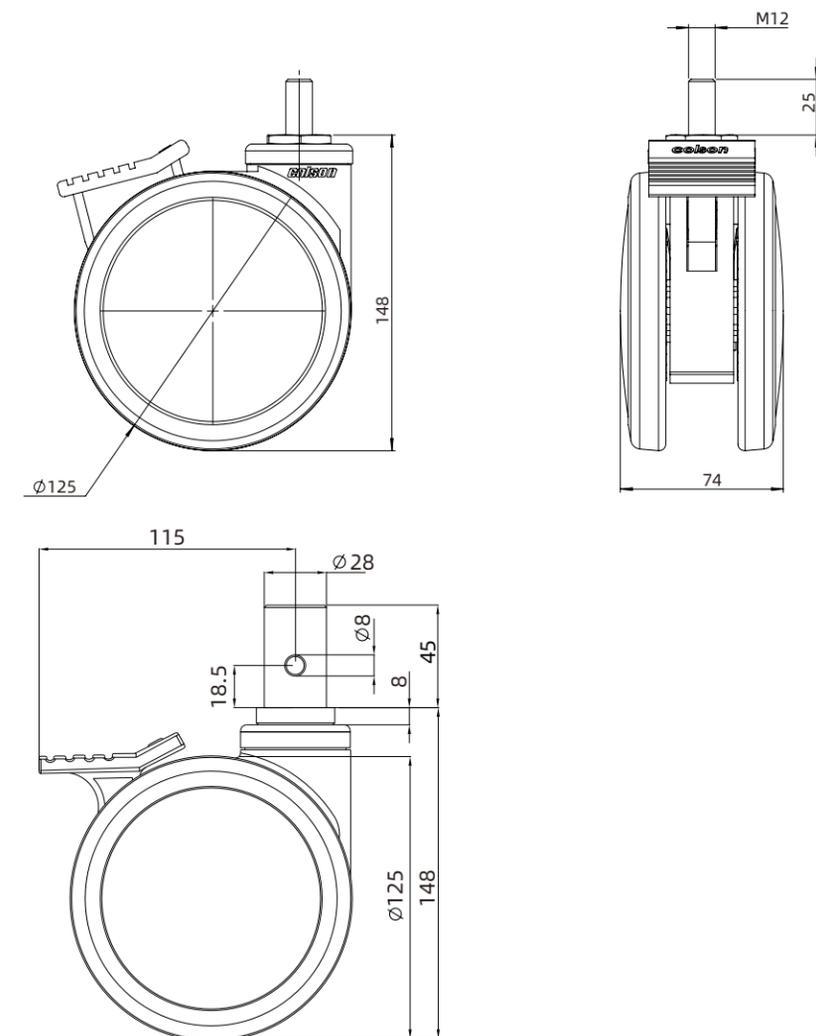
Features

- ★ Aluminum alloy rigs, offering better load-bearing and impact strength compared to fiberglass nylon rigs.
- ★ Nylon wheel core with polyurethane tread, providing better performance than PP wheel cores.
- ★ The central locking stem allows a central pedal to lock 2 or 4 casters at the same time.
- ★ Brake: Free position/ Total lock – TL. tread hardness: 90±3 Shore A.
- ★ Standard:EN12530.

(mm)	(mm)	(kg)	Wheel material	Bearing	Swivel	(mm)	(mm)	(mm)
75	59	80	Polyurethane	Roller	CPT-3854-85	94	62	M12×25
100	66	100	Polyurethane	Roller	CPT-4854-85	125	82	M12×25
125	74	100	Polyurethane	Roller	CPT-5854-85	148	103	M12×25
75	59	80	Polyurethane	Roller	CPT-3854-85BRK4	94	71	M12×25
100	66	100	Polyurethane	Roller	CPT-4854-85BRK4	125	92	M12×25
125	74	100	Polyurethane	Roller	CPT-5854-85BRK4	148	117	M12×25
125	74	100	Polyurethane	Roller	CPT-5851-85	148	103	∅28×45
125	74	100	Polyurethane	Roller	CPT-5851-85BRK4	148	117	∅28×45

Note:BRK4 is for brake type.

Standard Dimension



Salvus series

Capacity up to 120kg



- Application**
- Diagnostic imaging equipment
 - Ultrasound devices
 - Radiotherapy machines
 - Precision electronic or medical equipment requiring shock-absorbing wheels

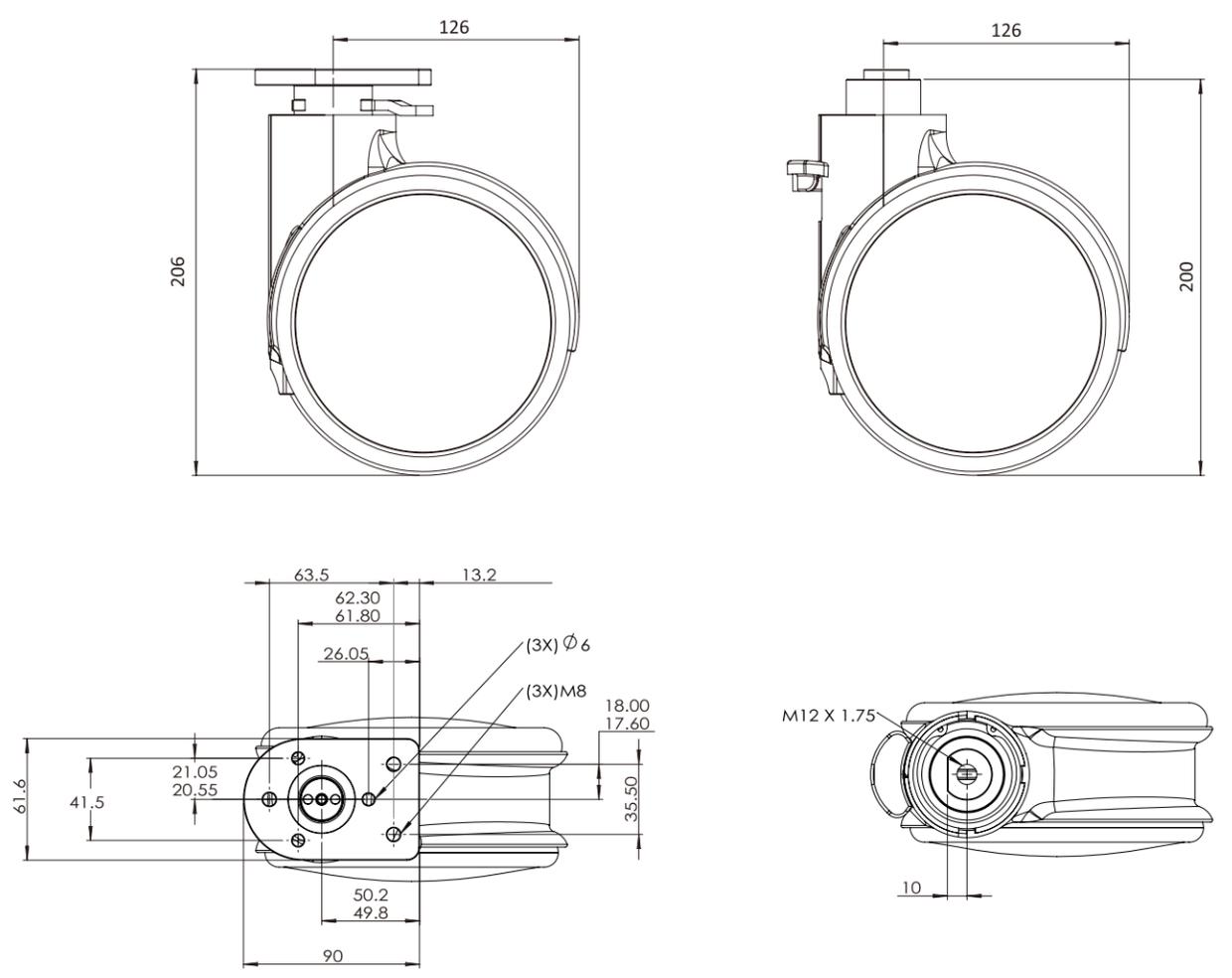


Features

- ★ Customizable according to specific product requirements to meet particular loads and specifications.
- ★ The swivel rigs and wheels both use precision ball bearings, providing smooth and quiet rolling performance.
- ★ Integrated protective cover to prevent entanglement with hair, threads, and debris.
- ★ Offering a central control brake system with wheel brakes and directional brakes, or optionally, manual wheel brakes configuration.
- ★ Standard: EN12530.

 (mm)	 (mm)	 (kg)	 (mm)	 Wheel material	 Bearing	 Swivel	 (mm)	 (mm)
150	15	110	84	Rubber	Ball Bearing	CG10280.001	200	127
150	15	110	84	Rubber	Ball Bearing	CG10279.001	200	127

Standard Dimension



CGC Economic series

Capacity up to 54kg



Application
Hospital Carts
Patient Aids
Medical Equipment
Audio/Visual Equipment Carts

Features

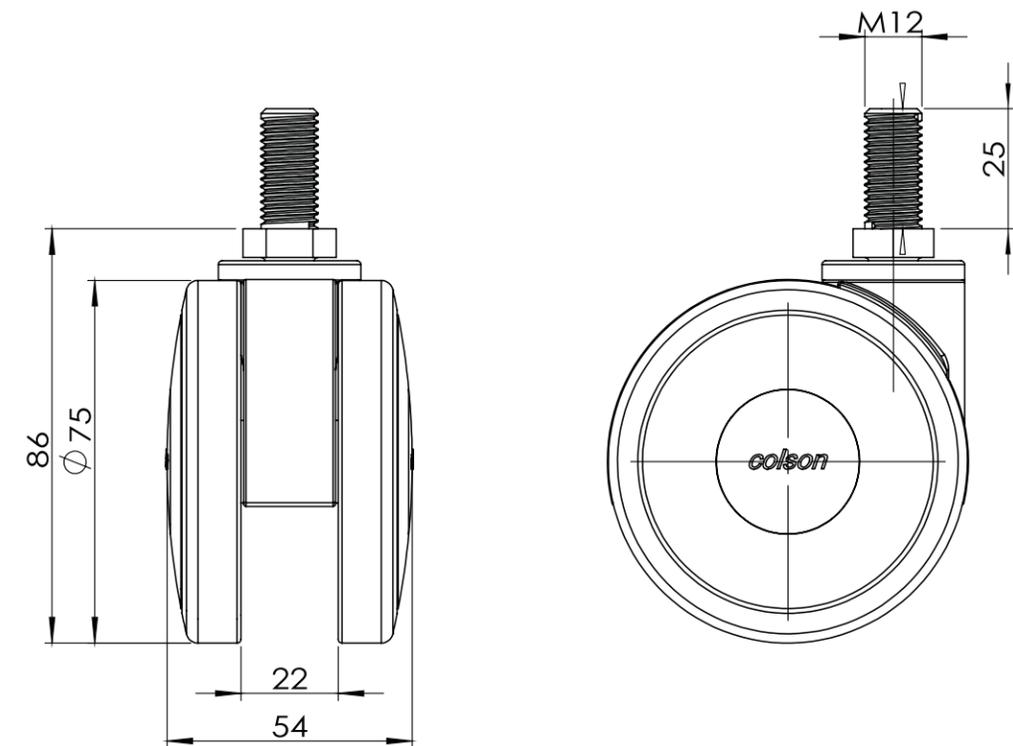
- ★ Rigs are made of glass filled Nylon for added strength.
- ★ Polyurethane tread features great durability and good performance in swiveling and rolling. It's non-marking.
- ★ Brake version is available.
- ★ Standard:EN12530.



(mm)	(mm)	(kg)	Wheel material	Bearing	Swivel	(mm)	(mm)	(mm)
75	54	40	Polyurethane	Roller	CGT7554	86	66	M12X25
75	54	40	Polyurethane	Roller	CGT7554BK	86	72	M12X25

Note: BK is for brake.

Standard Dimension



Softtech series

Capacity up to 70kg



Application
Electronic Equipment
Audio/Visual Equipment
Furniture
Medical Equipment

Features

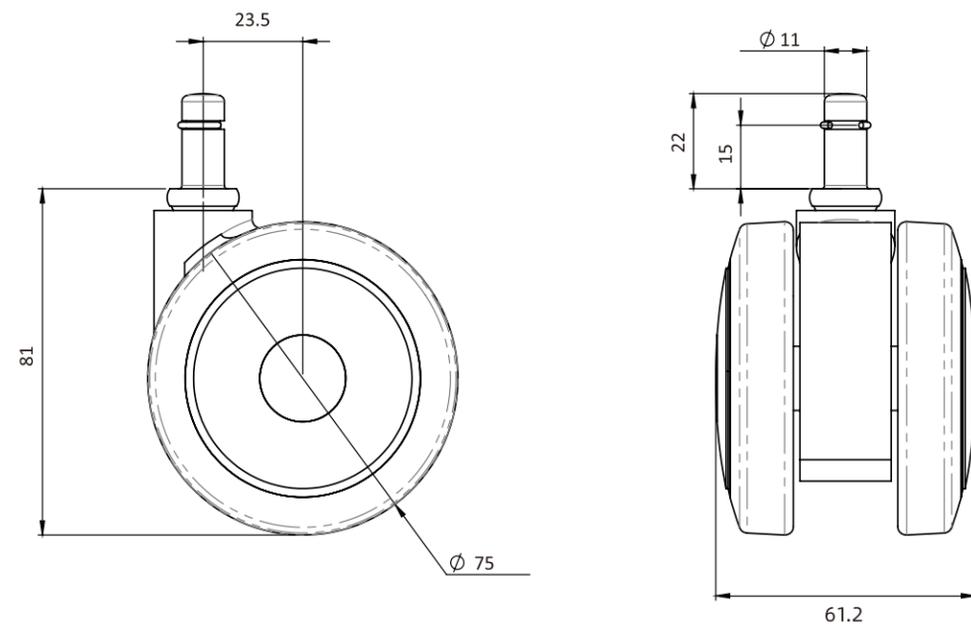
- ★ Precision ball bearings in rigs and wheels offers better performance in rolling and swiveling.
- ★ Mono Tech wheels are non-marking and resists debris. It can also be used in carpets and hard floor.
- ★ The rig with polished finish is easy for wash.
- ★ Wheels have full thread guard for added protection from carpet sutures.
- ★ Standard:EN12530.



(mm)	(kg)	Swivel	Rigid	(mm)	(mm)	Stem type
75	50	PSF7554B	PSF7554B-BK	81	68	7/16 × 7/8(in)
100	70	PSF10054B	PSF10054B-BK	109	92	M10 × 17(mm)
75	50	PSF7554G	PSF7554G-BK	81	68	7/16 × 7/8(in)
100	70	PSF10054G	PSF10054G-BK	109	92	M10 × 17(mm)

Note: B is for black, G for grey, and BK for brake.

Standard Dimension



TUC series-Central lock

Capacity up to 110kg



Application
Hospital Cart
Medical Equipment
ECG Equipment
Beauty device



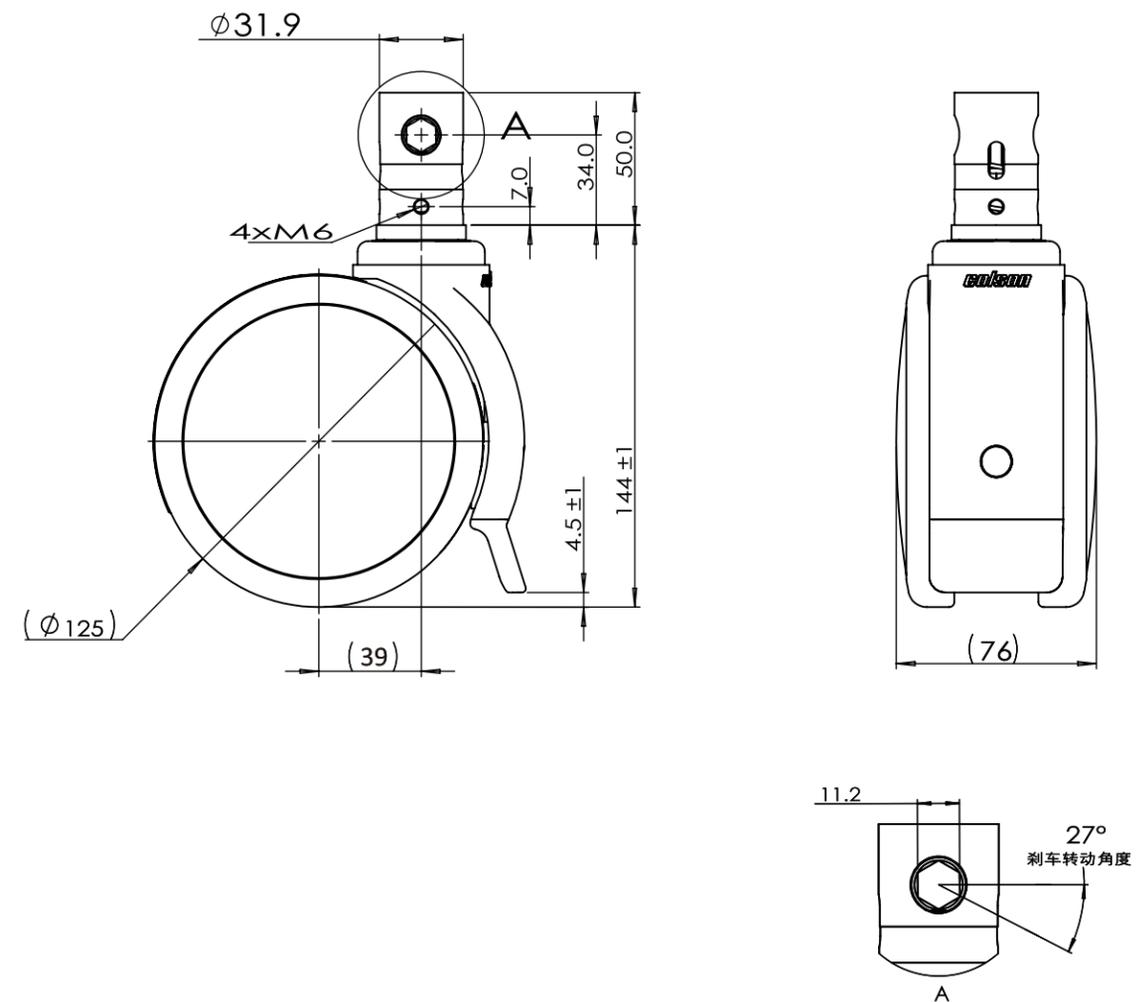
Features

- ★ Aluminum alloy rigs, offering better load-bearing and impact strength compared to fiberglass nylon rigs.
- ★ Nylon wheel core with polyurethane tread, providing better performance than PP wheel cores.
- ★ The central locking stem allows a central pedal to lock 2 or 4 casters at the same time.
- ★ Brake: Free position/ Total lock – TL. tread hardness: 90±3 Shore A.
- ★ Standard:EN12530.



(mm)	(mm)	(kg)	Wheel material	Bearing	Swivel	(mm)	(mm)	(°)	(mm)
125	76	110	Hi-Tech polyurethane	Ball Bearing	TUC-5012TPU-TL-SW-N	144	39	27	-
125	76	110	Hi-Tech polyurethane	Ball Bearing	TUC-5012TPU-TL-SW-N	144	39	-	M16×25

Standard Dimension



398 series

Capacity up to 150kg



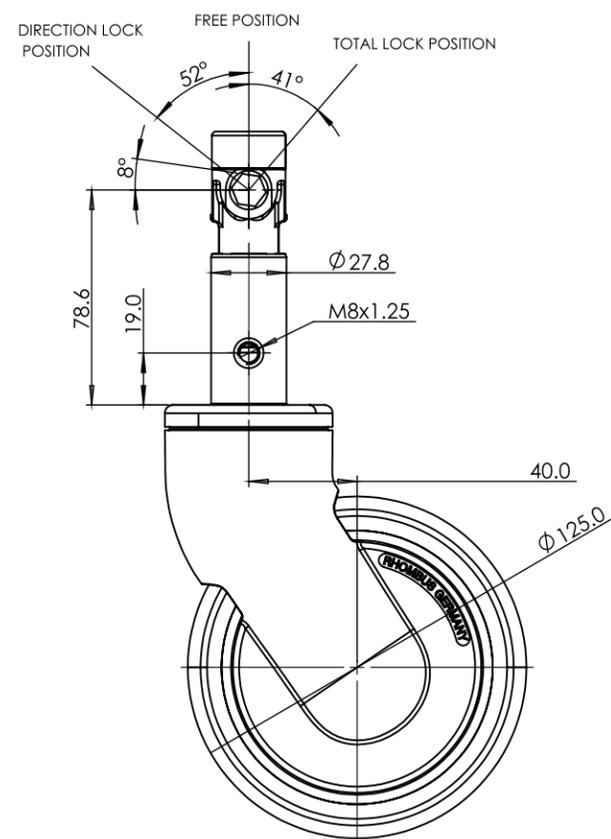
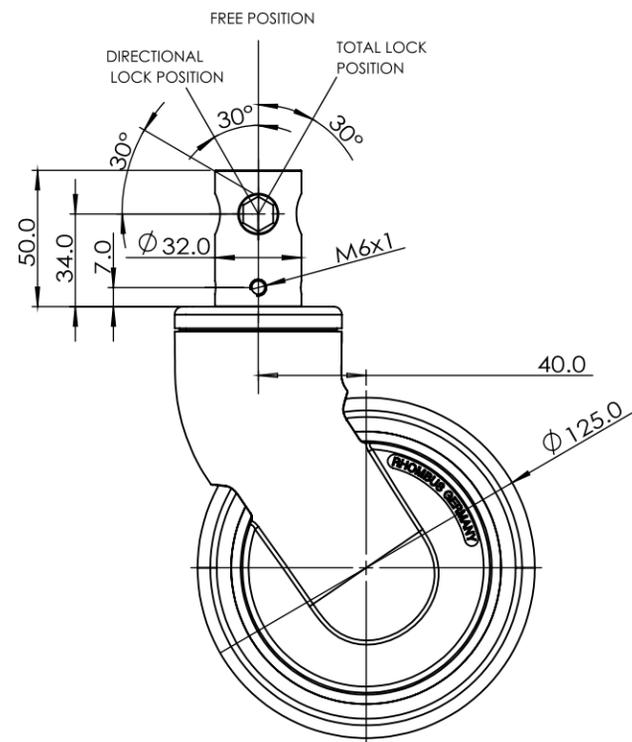
Application
Nursing bed
Hospital Beds
Medical Equipment
Operating table cart



Features

- ★ Aluminum alloy rigs, offering better load-bearing and impact strength compared to fiberglass nylon rigs.
- ★ Nylon wheel core with polyurethane tread, providing better performance than PP wheel cores.
- ★ The central locking stem allows a central pedal to lock 2 or 4 casters at the same time.
- ★ Brake: Free position/ Total lock – TL. tread hardness: 90±3 Shore A.
- ★ Standard:EN12530.

(mm)	(kg)	(Wheel material)	(Swivel)	(Thread Stem Dimension)	Brake
125	120	Performa	398Q35K125RK985NP	Short stem Ø32x50	Total locking
125	120	Performa	398R35K125RK985NP	Short stem Ø32x50	Direction locking
125	120	Polyurethane	398Q35K125VK985NP	Short stem Ø32x50	Total locking
125	120	Polyurethane	398R35K125VK985NP	Short stem Ø32x50	Direction locking
125	120	Conductive TPR	398Q35K125AK985NP	Short stem Ø32x50	Total locking
125	120	Conductive TPR	398R35K125AK985NP	Short stem Ø32x50	Direction locking
150	150	Performa	398Q35K150RK985NP	Short stem Ø32x50	Total locking
150	150	Performa	398R35K150RK985NP	Short stem Ø32x50	Direction locking
150	150	Polyurethane	398Q35K150VK985NP	Short stem Ø32x50	Total locking
150	150	Polyurethane	398R35K150VK985NP	Short stem Ø32x50	Direction locking
150	150	Conductive TPR	398Q35K150AK985NP	Short stem Ø32x50	Total locking
150	150	Conductive TPR	398R35K150AK985NP	Short stem Ø32x50	Direction locking
200	150	Performa	398Q37K200RK985NP	Short stem Ø32x50	Total locking
200	150	Performa	398R37K200RK985NP	Short stem Ø32x50	Direction locking
200	150	Polyurethane	398Q37K200VK985NP	Short stem Ø32x50	Total locking
200	150	Polyurethane	398R37K200VK985NP	Short stem Ø32x50	Direction locking
200	150	Conductive TPR	398Q37K200AK985NP	Short stem Ø32x50	Total locking
200	150	Conductive TPR	398R37K200AK985NP	Short stem Ø32x50	Direction locking
125	120	Performa	398Q35K125RK2351ZA	Long stem Ø27.8x100	Total locking
125	120	Performa	398R35K125RK2351ZA	Long stem Ø27.8x100	Direction locking
125	120	Polyurethane	398Q35K125VK2351ZA	Long stem Ø27.8x100	Total locking
125	120	Polyurethane	398R35K125VK2351ZA	Long stem Ø27.8x100	Direction locking
125	100	Conductive TPR	398Q35K125AK2351ZA	Long stem Ø27.8x100	Total locking
125	120	Conductive TPR	398R35K125AK2351ZA	Long stem Ø27.8x100	Direction locking
150	150	Performa	398Q35K150RK2351ZA	Long stem Ø27.8x100	Total locking
150	150	Performa	398R35K150RK2351ZA	Long stem Ø27.8x100	Direction locking
150	150	Polyurethane	398Q35K150VK2351ZA	Long stem Ø27.8x100	Total locking
150	150	Polyurethane	398R35K150VK2351ZA	Long stem Ø27.8x100	Direction locking
150	150	Conductive TPR	398Q35K150AK2351ZA	Long stem Ø27.8x100	Total locking
150	150	Conductive TPR	398R35K150AK2351ZA	Long stem Ø27.8x100	Direction locking
200	150	Performa	398Q37K200RK2351ZA	Long stem Ø27.8x100	Total locking
200	150	Performa	398R37K200RK2351ZA	Long stem Ø27.8x100	Direction locking
200	150	Polyurethane	398Q37K200VK2351ZA	Long stem Ø27.8x100	Total locking
200	150	Polyurethane	398R37K200VK2351ZA	Long stem Ø27.8x100	Direction locking
200	150	Conductive TPR	398Q37K200AK2351ZA	Long stem Ø27.8x100	Total locking
200	150	Conductive TPR	398R37K200AK2351ZA	Long stem Ø27.8x100	Direction locking



PERFECT CASTER SOLUTION FOR MEDICAL EQUIPMENT

