

Solutions For...
TEXTILE INDUSTRY



— Moving tons... So easily • Since 1977 —



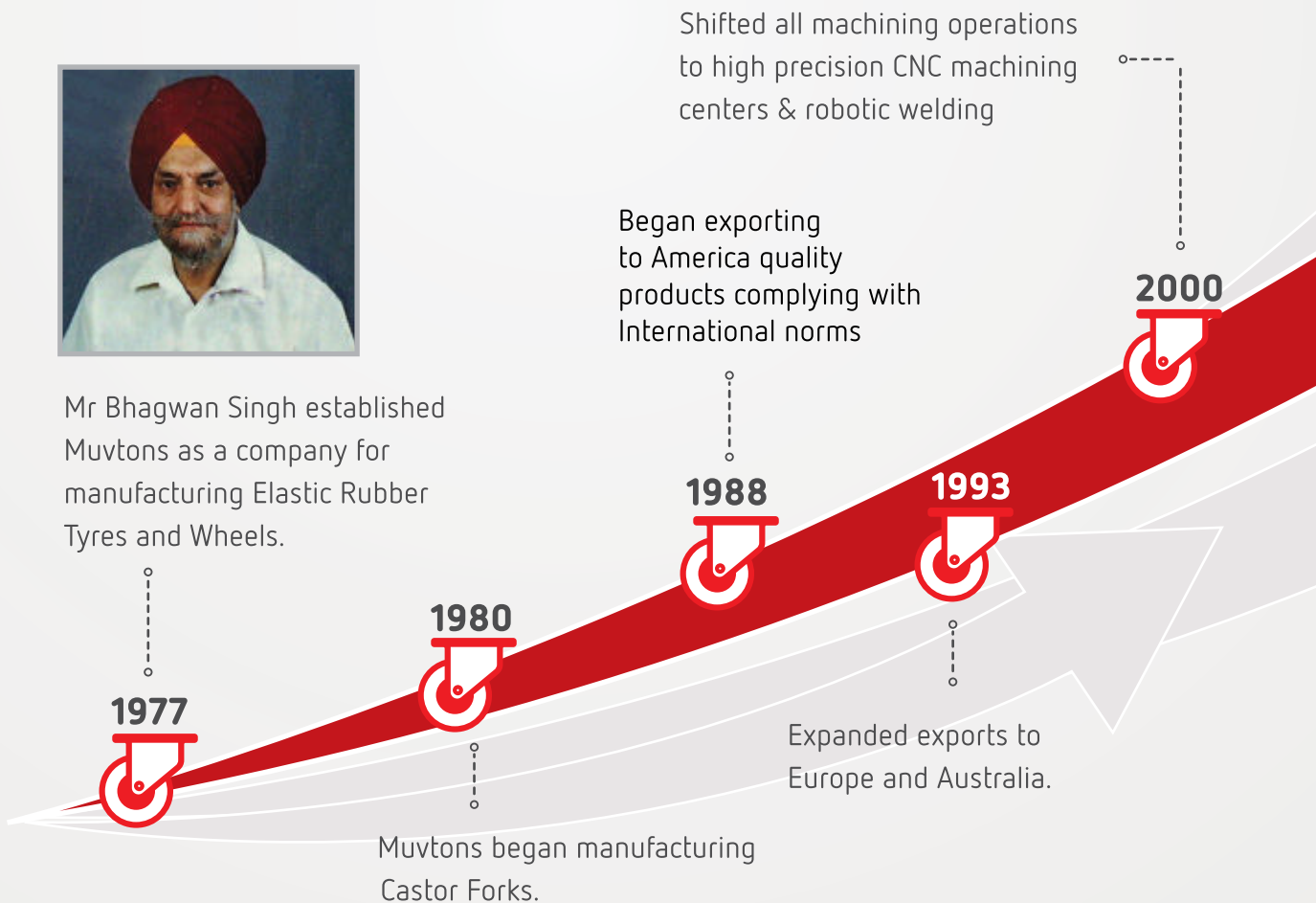
Muvtons Castors was established by Mr. Bhagwan Singh in 1977 with one simple vision: To manufacture wheels & castors that surpass all expectations of quality and performance. Today, having grown to become industry leaders in wheels & castors, we remain committed to that vision as strongly as ever.

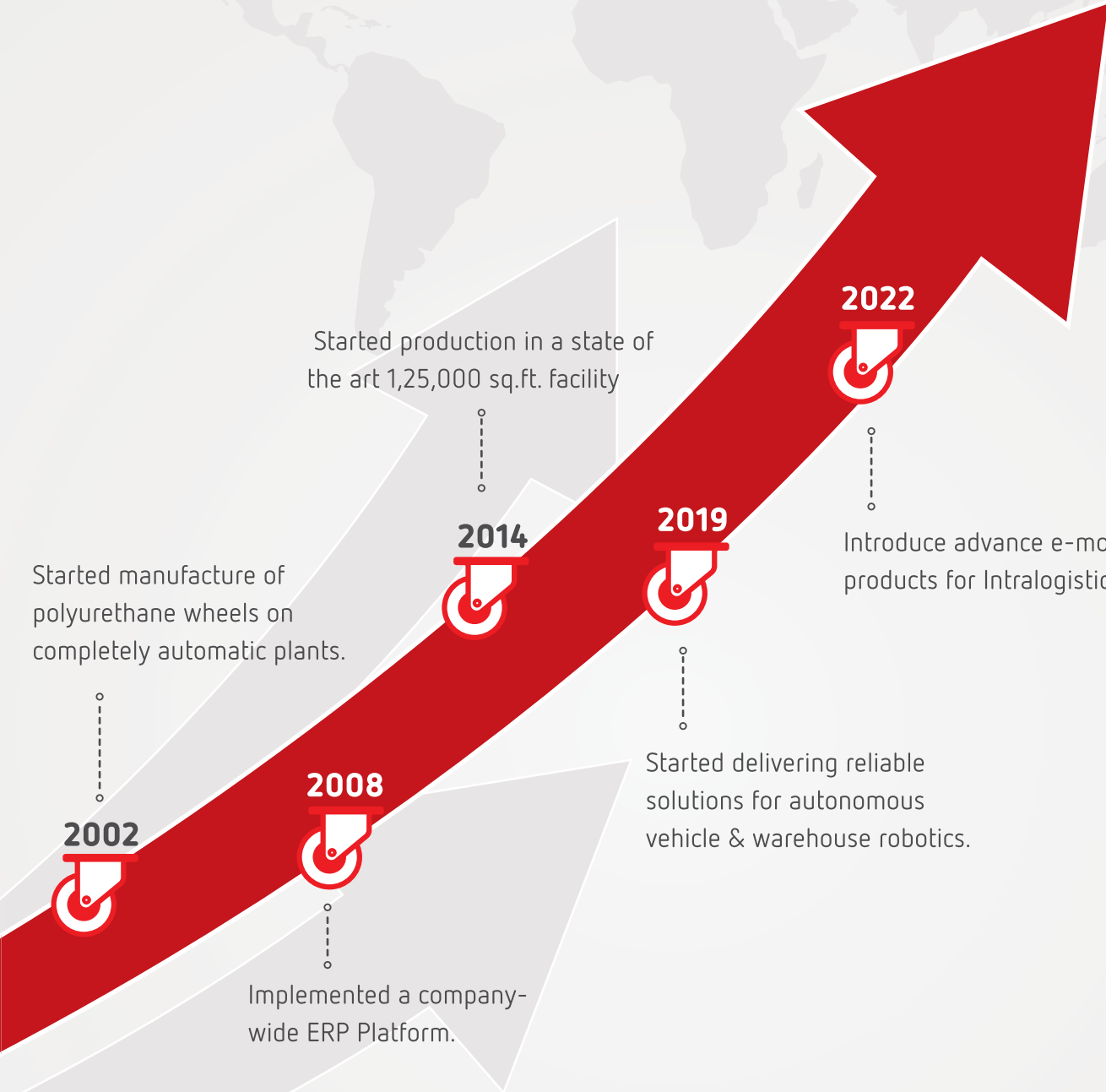
We offer the most comprehensive range of solutions for our customers; our products can ferry loads from 100 Kg up to 50 tonnes, and are available in a variety of materials and configurations to fulfil every tenable requirement.

We perform an application study before recommending mobility solutions, employ automated machinery and advanced manufacturing processes, and undertake rigorous in-house product testing to ensure that your investment performs impeccably for years to come.



Mr Bhagwan Singh established Muvtons as a company for manufacturing Elastic Rubber Tyres and Wheels.





Started manufacture of polyurethane wheels on completely automatic plants.

2002

2008

Implemented a company-wide ERP Platform.

Started production in a state of the art 1,25,000 sq.ft. facility

2014

2019

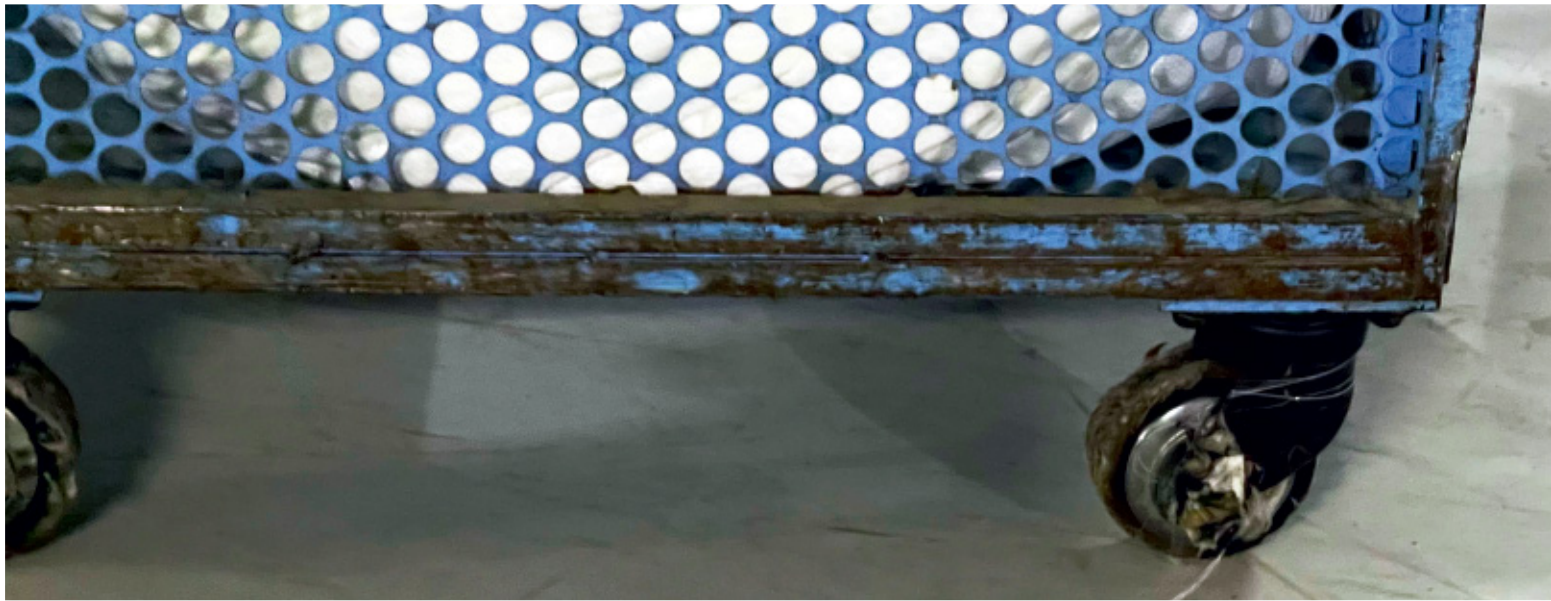
Started delivering reliable solutions for autonomous vehicle & warehouse robotics.

2022

Introduce advance e-mobility products for Intralogistics



**Moving tons...
So easily...**



Thread Ingress Leading to:

- ☞ Jammed Wheels
- ☞ Increased Effort
- ☞ Floor Damage
- ☞ Higher Maintenance
- ☞ Wheels Damage



Process Water & Chemical Leading to:

- ☞ Rusting of Wheels
- ☞ Wheels Damage
- ☞ Fabric Contamination



Specially Designed Wheel with Thread Guard to :

- ☞ Prevent Thread Ingress
- ☞ Prevent Wheel Damage
- ☞ Prevent Floor Damage
- ☞ Prevent High Costs of Maintenance



Features of Stainless Steel Castor Wheels :

- ☞ Chemical & Water Resistance
- ☞ Low Push - Pull Effort
- ☞ No Stain on Fabric



 Max Load Capacity
450 Kg

 Wheel Diameter
80 → 125 mm

 Top Plate Dimensions
105 x 85 mm

 Bolt Hole Centres
80 x 60 mm

 Attaching Bolt Size
8 mm

 Wheel Diameter
150 → 200 mm

 Top Plate Dimensions
135 x 110 mm

 Bolt Hole Centres
105 x 75-80 mm

 Attaching Bolt Size
10 mm

SWIVEL FORK



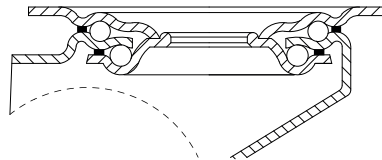
RIGID FORK



FORK CONSTRUCTION

- Extra Heavy Duty Thick Pressed Steel: Dynamically Pressed to ensure low swivel head play and long service life.
- Swivel Raceways with Double Ball Bearings to ensure High Load Bearing Capacities.
- Kingpinless Swivel Heads in large wheel diameters to eliminate chances of kingpin failure.

SWIVEL HEAD SECTION



FORK TYPES



AVAILABLE FINISH

Bright Zinc Plated

NZ Coated



+WHEELS

MATERIAL

NY	Nylon
PNY	Polyurethane Wheels + Nylon Core
SJS	Polyurethane Wheels
MEJ	Medium Duty Polyurethane Wheels

All Wheels Available in External Thread Guard (ETG)

NY-PB Nylon with Plain Bore

Material Injection Moulded Nylon
 Temperature -30°C + 80°C
 Usage Ideal for hygienic & textile industry application
 Options Low Rolling Resistance & Low abrasion Resistance



Max Load Capacity (Kg)	Wheel Diameter (mm)	Tread Width (mm)	Overall Height (mm)	Swivel Radius (mm)	Rigid Castor (Part No.)	Swivel Castor (Part No.)
280	100	37	128	90	BDS-415R-NY-PB-TG	BDS-415S-NY-PB-TG
350	125	40	155	105	BDS-515R-NY-PB-TG	BDS-515S-NY-PB-TG
400	150	45	190	130	BDS-615R-NY-PB-TG	BDS-615S-NY-PB-TG
450	200	50	238	160	BDS-82R-NY-PB-TG	BDS-82S-NY-PB-TG

All Wheels Available in Thread Guard (TG)

NY-RB Nylon with Roller Bearing

Material Injection Moulded Nylon
 Temperature -30°C + 80°C
 Usage Ideal for hygienic & textile industry application
 Options Low Rolling Resistance & Low abrasion Resistance



Max Load Capacity (Kg)	Wheel Diameter (mm)	Tread Width (mm)	Overall Height (mm)	Swivel Radius (mm)	Rigid Castor (Part No.)	Swivel Castor (Part No.)
280	100	37	128	90	BDS-415R-NY-RB-TG	BDS-415S-NY-RB-TG
350	125	40	155	105	BDS-515R-NY-RB-TG	BDS-515S-NY-RB-TG
400	150	45	190	130	BDS-615R-NY-RB-TG	BDS-615S-NY-RB-TG
450	200	50	238	160	BDS-82R-NY-RB-TG	BDS-82S-NY-RB-TG

All Wheels Available in Thread Guard (TG)

NY-BB Nylon with Ball Bearing

Material Injection Moulded Nylon
 Temperature -30°C + 80°C
 Usage Ideal for hygienic & textile industry application
 Options Low Rolling Resistance & Low abrasion Resistance



Max Load Capacity (Kg)	Wheel Diameter (mm)	Tread Width (mm)	Overall Height (mm)	Swivel Radius (mm)	Rigid Castor (Part No.)	Swivel Castor (Part No.)
400	150	50	190	130	BDS-615R-NY-BB-TG	BDS-615S-NY-BB-TG
450	200	50	241	156	BDS-82R-NY-BB-TG	BDS-82S-NY-BB-TG

All Wheels Available in Thread Guard (TG)

PNY Polyurethane Wheels with Nylon Core

Material	Polyurethane 93° + 3 Shore A
Core	Nylon
Bearings	Sealed Precision Ball Bearings
Temperature	-20°C to + 85°C
Tread Options	Also available in softer 80° Shore A Polyurethane
Usage	Epoxy Coated or smooth Cement Concrete floors
Highlights	Low Noise Operation • Low Rolling Resistance
Options	Anti - Static • ESD Polyurethane



Max Load Capacity (Kg)	Wheel Diameter (mm)	Tread Width (mm)	Overall Height (mm)	Swivel Radius (mm)	Rigid Castor (Part No.)	Swivel Castor (Part No.)
100	80	30	105	78	BDS-312R-PNY-TG	BDS-312S-PNY-TG
200	100	40	128	90	BDS-415R-PNY-ETG	BDS-415S-PNY-ETG
350	125	40	155	105	BDS-515R-PNY-ETG	BDS-515S-PNY-ETG
400	150	40	190	130	BDS-615R-PNY-ETG	BDS-615S-PNY-ETG
450	200	50	238	160	BDS-82R-PNY-TG	BDS-82S-PNY-TG

All Wheels Available in External Thread Guard (ETG)

SJS Polyurethane Wheels

Material	Polyurethane 93°±3 Shore A
Core	Cast Iron
Bearings	Sealed Precision Ball Bearings
Temperature	-20°C to + 85°C
Tread Options	Anti -Static • ESD Polyurethane
Highlights	Noiseless Running • Non Marking • Floor Protective • Cost Effective



Max Load Capacity (Kg)	Wheel Diameter (mm)	Tread Width (mm)	Overall Height (mm)	Swivel Radius (mm)	Rigid Castor (Part No.)	Swivel Castor (Part No.)
350	125	40	155	105	BDS-515R-SJS-ETG	BDS-515S-SJS-ETG
450	150	50	190	130	BDS-62R-SJS-ETG	BDS-62S-SJS-ETG
450	200	50	238	160	BDS-82R-SJS-TG	BDS-82S-SJS-TG

All Wheels Available in External Thread Guard (ETG)

MEJ Medium Duty Polyurethane Wheels

Material	Polyurethane 93°±3 Shore A
Core	Aluminum
Bearings	Sealed Precision Ball Bearings
Temperature	-20°C to + 85°C
Tread Options	Anti -Static • ESD Polyurethane
Highlights	Noiseless Running • Non Marking • Floor Protective • Cost Effective



Max Load Capacity (Kg)	Wheel Diameter (mm)	Tread Width (mm)	Overall Height (mm)	Swivel Radius (mm)	Rigid Castor (Part No.)	Swivel Castor (Part No.)
450	150	50	190	130	BDS-62R-ME-ETG	BDS-62S-ME-ETG
450	200	50	238	160	BDS-82R-ME-TG	BDS-82S-ME-TG

All Wheels Available in External Thread Guard (ETG)

 Max Load Capacity
500 Kg

 Top Plate
138 x110 mm

 Bolt Hole Centres
105 x 75-80 mm

 Attaching Bolt Size
10 mm

 Fork Legs (Thickness)
6 mm

 Fork Spacing
65 mm

 Wheel Axle
12 mm

Imperial Top Plate Option

 Top Plate
159 x115 mm

 Bolt Hole Centres
62 x 125 Slotted to 86 x 133

 Attaching Bolt Size
12 mm



SWIVEL FORK



RIGID FORK

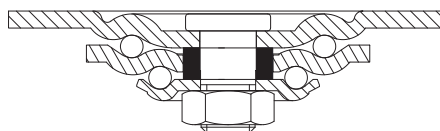


For Imperial Top plate option replace the Prefix GGSE with U20-GGS

FORK CONSTRUCTION

- Heavy Duty 5 mm thick stamped and formed top plate with a robust welded kingpin.
- Sealed Dual Ball Bearing Raceways for swivel head longevity.
- Stamped and coined Raceways for smooth swivel head movements.
- Fork Legs: Robotically welded.

SWIVEL HEAD SECTION



FORK TYPES

 Rigid Fork

 Swivel Fork

AVAILABLE FINISHES

Bright Zinc Plated

NZ Coated



+WHEELS MATERIAL

NY	Nylon
MEJ	Medium Duty Polyurethane
ME	Polyurethane Wheels
ME-SFS	Solid Elastomer + Aluminium
SAS	Polyurethane Wheels
SFS	Solid Elastomer

All Wheels Available in External Thread Guard (ETG)

NY-PB Nylon with Plain Bore

Material Injection Moulded Nylon
 Temperature -30°C + 80°C
 Usage Ideal for hygienic & textile industry application
 Options Low Rolling Resistance & Low abrasion Resistance



Max Load Capacity (Kg)	Wheel Diameter (mm)	Tread Width (mm)	Overall Height (mm)	Swivel Radius (mm)	Rigid Castor (Part No.)	Swivel Castor (Part No.)
280	100	37	143	85	GGSE-PS-42R-NY-PB-ETG	GGSE-PS-42S-NY-PB-ETG
350	125	40	165	101	GGSE-PS-52R-NY-PB-ETG	GGSE-PS-52S-NY-PB-ETG
400	150	45	190	120	GGSE-PS-62R-NY-PB-ETG	GGSE-PS-62S-NY-PB-ETG
500	200	50	241	156	GGSE-PS-82R-NY-PB-ETG	GGSE-PS-82S-NY-PB-ETG

All Wheels Available in External Thread Guard (ETG)

NY-RB Nylon with Roller Bearing

Material Injection Moulded Nylon
 Temperature -30°C + 80°C
 Usage Ideal for hygienic & textile industry application
 Options Low Rolling Resistance & Low abrasion Resistance



Max Load Capacity (Kg)	Wheel Diameter (mm)	Tread Width (mm)	Overall Height (mm)	Swivel Radius (mm)	Rigid Castor (Part No.)	Swivel Castor (Part No.)
280	100	37	143	85	GGSE-PS-42R-NY-RB-ETG	GGSE-PS-42S-NY-RB-ETG
350	125	40	165	101	GGSE-PS-52R-NY-RB-ETG	GGSE-PS-52S-NY-RB-ETG
400	150	45	190	120	GGSE-PS-62R-NY-RB-ETG	GGSE-PS-62S-NY-RB-ETG
500	200	50	241	156	GGSE-PS-82R-NY-RB-ETG	GGSE-PS-82S-NY-RB-ETG

All Wheels Available in External Thread Guard (ETG)

NY-BB Nylon with Ball Bearing

Material Injection Moulded Nylon
 Temperature -30°C + 80°C
 Usage Ideal for hygienic & textile industry application
 Options Low Rolling Resistance & Low abrasion Resistance



Max Load Capacity (Kg)	Wheel Diameter (mm)	Tread Width (mm)	Overall Height (mm)	Swivel Radius (mm)	Rigid Castor (Part No.)	Swivel Castor (Part No.)
400	150	50	190	120	GGSE-PS-62R-NY-BB-ETG	GGSE-PS-62S-NY-BB-ETG
500	200	50	241	156	GGSE-PS-82R-NY-BB-ETG	GGSE-PS-82S-NY-BB-ETG

All Wheels Available in External Thread Guard (ETG)

MEJ Medium Duty Polyurethane Wheels

Material Polyurethane 93°±3 Shore A
 Core Aluminum
 Bearings Sealed Precision Ball Bearings
 Temperature -20°C to + 85°C
 Tread Options Anti -Static • ESD Polyurethane
 Highlights Noiseless Running • Non Marking • Floor Protective • Cost Effective



Max Load Capacity (Kg)	Wheel Diameter (mm)	Tread Width (mm)	Overall Height (mm)	Swivel Radius (mm)	Rigid Castor (Part No.)	Swivel Castor (Part No.)
400	150	50	190	120	GGSE-PS-62R-MEJ-ETG	GGSE-PS-62S-MEJ-ETG
500	200	50	241	156	GGSE-PS-82R-MEJ-ETG	GGSE-PS-82S-MEJ-ETG

All Wheels Available in External Thread Guard (ETG)

ME Polyurethane Wheels

Material Polyurethane 93° + 3 Shore A
 Core Aluminium
 Bearings Sealed Precision Ball Bearings
 Temperature -20°C to + 85°C
 Tread Options Anti - Static • ESD Polyurethane
 Usage Epoxy or smooth Cement Concrete floors
 Highlights Ergonomic Design with a Curved Tread Non Corrosive



Max Load Capacity (Kg)	Wheel Diameter (mm)	Tread Width (mm)	Overall Height (mm)	Swivel Radius (mm)	Rigid Castor (Part No.)	Swivel Castor (Part No.)
450	150	50	190	120	GGSE-PS-62R-ME-ETG	GGSE-PS-62S-ME-ETG
500	200	50	241	156	GGSE-PS-82R-ME-ETG	GGSE-PS-82S-ME-ETG

All Wheels Available in External Thread Guard (ETG)

ME-SFS Solid Elastomer Wheels

Material Polyurethane 73°±3° Shore D
 Core Aluminium
 Bearings Sealed Precision Ball Bearings / Stainless Steel Bearings
 Temperature -20°C to + 85°C
 Tread Options Anti - Static • ESD Polyurethane
 Usage Ideal for moving extremely heavy loads on smooth Cement Concrete & Epoxy Coated Floors
 Options Solid Elastomer + Aluminium
 Ergonomic Design with Tread • Low Rolling Resistance










Max Load Capacity (Kg)	Wheel Diameter (mm)	Tread Width (mm)	Overall Height (mm)	Swivel Radius (mm)	Rigid Castor (Part No.)	Swivel Castor (Part No.)
500	150	50	190	120	GGSE-PS-62R-MESFS-ETG	GGSE-PS-62S-MESFS-ETG
500	200	50	241	156	GGSE-PS-82R-MESFS-ETG	GGSE-PS-82S-MESFS-ETG

All Wheels Available in External Thread Guard (ETG)

SAS Polyurethane Wheels

Material Polyurethane 93^{±3} Shore A
 Core Cast Iron
 Bearings Sealed Precision Ball Bearings / Tapered Roller Bearings
 Temperature -20°C to + 85°C
 Tread Options Anti - Static • ESD Polyurethane
 Usage Epoxy coated & smooth cement concrete floors power towing
 Highlights Non-Marking • Noiseless Running • Low Rolling Resistance • Abrasion Resistant










Max Load Capacity (Kg)	Wheel Diameter (mm)	Tread Width (mm)	Overall Height (mm)	Swivel Radius (mm)	Rigid Castor (Part No.)	Swivel Castor (Part No.)
						
400	100	50	143	85	GGSE-PS-42R-SAS-ETG	GGSE-PS-42S-SAS-ETG
500	125	50	165	101	GGSE-PS-52R-SAS-ETG	GGSE-PS-52S-SAS-ETG
500	150	50	190	120	GGSE-PS-62R-SAS-ETG	GGSE-PS-62S-SAS-ETG
500	200	50	241	156	GGSE-PS-82R-SAS-ETG	GGSE-PS-82S-SAS-ETG

All Wheels Available in External Thread Guard (ETG)

SFS Solid Elastomer Wheels

Material Polyurethane 73^{±3} Shore D
 Core Aluminium
 Bearings Sealed Precision Ball Bearings / Stainless Steel Bearings
 Temperature -20°C to + 85°C
 Tread Options Anti - Static • ESD Polyurethane
 Usage Ideal for moving extremely heavy loads on smooth Cement Concrete and Epoxy Coated Floors
 Highlights "Real Solid" reinforced Elastomer • Non-Corrosive



Max Load Capacity (Kg)	Wheel Diameter (mm)	Tread Width (mm)	Overall Height (mm)	Swivel Radius (mm)	Rigid Castor (Part No.)	Swivel Castor (Part No.)
						
375	100	50	143	85	GGSE-PS-42R-SFS-ETG	GGSE-PS-42S-SFS-ETG
500	125	50	165	101	GGSE-PS-52R-SFS-ETG	GGSE-PS-52S-SFS-ETG
500	150	50	190	120	GGSE-PS-62R-SFS-ETG	GGSE-PS-62S-SFS-ETG
500	200	50	241	156	GGSE-PS-82R-SFS-ETG	GGSE-PS-82S-SFS-ETG

All Wheels Available in External Thread Guard (ETG)



Max Load Capacity
600 Kg

Top Plate
138 x 110 mm

Bolt Hole Centres
105 x 75-80 mm

Attaching Bolt Size
10 mm

Fork Legs (Thickness)
6 mm

Fork Spacing
65 mm

Wheel Axle
12 mm

SWIVEL FORK



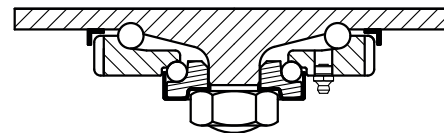
RIGID FORK



FORK CONSTRUCTION

- Forged: Single piece alloy steel top plate with integrally forged kingpin for a robust design.
- Induction hardened, precision CNC Machned and sealed Double Ball Bearing Raceways for swivel head longevity.
- Forged Lower Raceways.
- Fork Legs : Robotically welded inside & outside.

SWIVEL HEAD SECTION



FORK TYPES



Rigid Fork



Swivel Fork

AVAILABLE FINISH

Bright Zinc Plated



NZ Coated



+WHEELS MATERIAL

NY	Nylon
MEJ	Medium Duty Polyurethane
ME	Polyurethane Wheels
ME-SFS	Solid Elastomer + Aluminium
SAS	Polyurethane
SFS	Solid Elastomer

All Wheels Available in External Thread Guard (ETG)

NY-PB Nylon with Plain Bore

Material Injection Moulded Nylon
 Temperature -30°C + 80°C
 Usage Ideal for hygienic & textile industry application
 Options Low Rolling Resistance & Low abrasion Resistance



Max Load Capacity (Kg)	Wheel Diameter (mm)	Tread Width (mm)	Overall Height (mm)	Swivel Radius (mm)	Rigid Castor (Part No.)	Swivel Castor (Part No.)
280	100	37	143	85	GGSE-42R-NY-PB-ETG	GGSE-42S-NY-PB-ETG
350	125	40	165	101	GGSE-52R-NY-PB-ETG	GGSE-52S-NY-PB-ETG
400	150	45	190	120	GGSE-62R-NY-PB-ETG	GGSE-62S-NY-PB-ETG
600	200	50	241	156	GGSE-82R-NY-PB-ETG	GGSE-82S-NY-PB-ETG

All Wheels Available in External Thread Guard (ETG)

NY-RB Nylon with Roller Bearing

Material Injection Moulded Nylon
 Temperature -30°C + 80°C
 Usage Ideal for hygienic & textile industry application
 Options Low Rolling Resistance & Low abrasion Resistance



Max Load Capacity (Kg)	Wheel Diameter (mm)	Tread Width (mm)	Overall Height (mm)	Swivel Radius (mm)	Rigid Castor (Part No.)	Swivel Castor (Part No.)
280	100	37	143	85	GGSE-42R-NY-RB-ETG	GGSE-42S-NY-RB-ETG
350	125	40	165	101	GGSE-52R-NY-RB-ETG	GGSE-52S-NY-RB-ETG
400	150	45	190	120	GGSE-62R-NY-RB-ETG	GGSE-62S-NY-RB-ETG
600	200	50	241	156	GGSE-82R-NY-RB-ETG	GGSE-82S-NY-RB-ETG

All Wheels Available in External Thread Guard (ETG)

NY-BB Nylon with Ball Bearing

Material Injection Moulded Nylon
 Temperature -30°C + 80°C
 Usage Ideal for hygienic & textile industry application
 Options Low Rolling Resistance & Low abrasion Resistance










Max Load Capacity (Kg)	Wheel Diameter (mm)	Tread Width (mm)	Overall Height (mm)	Swivel Radius (mm)	Rigid Castor (Part No.)	Swivel Castor (Part No.)
400	150	50	190	120	GGSE-62R-NY-BB-ETG	GGSE-62S-NY-BB-ETG
600	200	50	241	156	GGSE-82R-NY-BB-ETG	GGSE-82S-NY-BB-ETG

All Wheels Available in External Thread Guard (ETG)

MEJ Medium Duty Polyurethane Wheels

Material	Polyurethane 93 ⁰ ±3 Shore A
Core	Aluminium
Bearings	Sealed Precision Ball Bearings
Temperature	-20°C to + 85°C
Tread Options	Anti -Static • ESD Polyurethane
Highlights	Noiseless Running • Non Marking • Floor Protective • Cost Effective










Max Load Capacity (Kg)	Wheel Diameter (mm)	Tread Width (mm)	Overall Height (mm)	Swivel Radius (mm)	Rigid Castor (Part No.)	Swivel Castor (Part No.)
						
400	150	50	190	120	GGSE-62R-MEJ-ETG	GGSE-62S-MEJ-ETG
500	200	50	241	156	GGSE-82R-MEJ-ETG	GGSE-82S-MEJ-ETG

All Wheels Available in External Thread Guard (ETG)

ME Polyurethane Wheels

Material	Polyurethane 93 ⁰ + 3 Shore A
Core	Aluminium
Bearings	Sealed Precision Ball Bearings
Temperature	-20°C to + 85°C
Tread Options	Anti - Static • ESD Polyurethane
Usage	Epoxy or smooth Cement Concrete floors
Highlights	Ergonomic Design with a Curved Tread Non Corrosive










Max Load Capacity (Kg)	Wheel Diameter (mm)	Tread Width (mm)	Overall Height (mm)	Swivel Radius (mm)	Rigid Castor (Part No.)	Swivel Castor (Part No.)
						
450	150	50	190	120	GGSE-62R-ME-ETG	GGSE-62S-ME-ETG
600	200	50	241	156	GGSE-82R-ME-ETG	GGSE-82S-ME-ETG

All Wheels Available in External Thread Guard (ETG)

ME-SFS Solid Elastomer Wheels

Material	Polyurethane 73 ⁰ ±3 ⁰ Shore D
Core	Aluminium
Bearings	Sealed Precision Ball Bearings / Stainless Steel Bearings
Temperature	-20°C to + 85°C
Tread Options	Anti - Static • ESD Polyurethane
Usage	Ideal for moving extremely heavy loads on smooth Cement Concrete & Epoxy Coated Floors
Options	Solid Elastomer + Aluminium Ergonomic Design with Tread • Low Rolling Resistance



Max Load Capacity (Kg)	Wheel Diameter (mm)	Tread Width (mm)	Overall Height (mm)	Swivel Radius (mm)	Rigid Castor (Part No.)	Swivel Castor (Part No.)
						
600	150	50	190	120	GGSE-62R-MESFS-ETG	GGSE-62S-MESFS-ETG
600	200	50	241	156	GGSE-82R-MESFS-ETG	GGSE-82S-MESFS-ETG

All Wheels Available in External Thread Guard (ETG)

SAS Polyurethane Wheels

Material	Polyurethane 93 ⁰ ±3 Shore A
Core	Cast Iron
Bearings	Sealed Precision Ball Bearings / Tapered Roller Bearings
Temperature	-20°C to + 85°C
Tread Options	Anti - Static • ESD Polyurethane
Usage	Epoxy Coated & smooth Cement Concrete floors Power Towing
Highlights	Non-marking • Noiseless Running • Low Rolling Resistance • Abrasion Resistant



Max Load Capacity (Kg)	Wheel Diameter (mm)	Tread Width (mm)	Overall Height (mm)	Swivel Radius (mm)	Rigid Castor (Part No.)	Swivel Castor (Part No.)
400	100	50	143	85	GGSE-42R-SAS-ETG	GGSE-42S-SAS-ETG
550	125	50	165	101	GGSE-52R-SAS-ETG	GGSE-52S-SAS-ETG
600	150	50	190	120	GGSE-62R-SAS-ETG	GGSE-62S-SAS-ETG
600	200	50	241	156	GGSE-82R-SAS-ETG	GGSE-82S-SAS-ETG
600	250	50	295	194	GGSE-102R-SAS-ETG	GGSE-102S-SAS-ETG

All Wheels Available in External Thread Guard (ETG)

SFS Solid Elastomer Wheels

Material	Polyurethane 73 ⁰ ±3 ⁰ Shore D
Core	Aluminium
Bearings	Sealed Precision Ball Bearings / Stainless Steel Bearings
Temperature	-20°C to + 85°C
Tread Options	Anti - Static • ESD Polyurethane
Usage	Ideal for moving extremely heavy loads on smooth Cement Concrete and Epoxy Coated Floors
Highlights	"Real Solid" reinforced Elastomer • Non-Corrosive



Max Load Capacity (Kg)	Wheel Diameter (mm)	Tread Width (mm)	Overall Height (mm)	Swivel Radius (mm)	Rigid Castor (Part No.)	Swivel Castor (Part No.)
375	100	50	143	85	GGSE-42R-SFS-ETG	GGSE-42S-SFS-ETG
500	125	50	165	101	GGSE-52R-SFS-ETG	GGSE-52S-SFS-ETG
600	150	50	190	120	GGSE-62R-SFS-ETG	GGSE-62S-SFS-ETG
600	200	50	241	156	GGSE-82R-SFS-ETG	GGSE-82S-SFS-ETG

All Wheels Available in External Thread Guard (ETG)



 Max Load Capacity
900 Kg

 Top Plate
138 x110 mm

 Bolt Hole Centres
105 x 75-80 mm

 Attaching Bolt Size
10 mm

 Fork Legs (Thickness)
6 mm

 Fork Spacing
65 mm

 Wheel Axle
12 mm

SWIVEL FORK



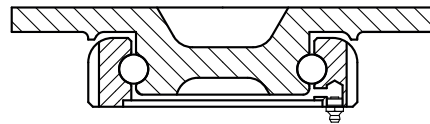
RIGID FORK



FORK CONSTRUCTION

- Forged Single piece Alloy Steel Top Plate and Fork Base for a robust design.
- Induction hardened & precision CNC Machined Raceways for swivel head longevity.
- Totally Sealed Swivel Head with Grease Nipple.
- Fork Legs: Robotically welded inside & outside.

SWIVEL HEAD SECTION



FORK TYPES



AVAILABLE FINISHES

Bright Zinc Plated



NZ Coated



+WHEELS MATERIAL

NY	Nylon
MEJ	Medium Duty Polyurethane
ME	Polyurethane Wheels
ME-SFS	Solid Elastomer + Aluminium
SAS	Polyurethane
SFS	Solid Elastomer

All Wheels Available in External Thread Guard (ETG)

NY-PB Nylon with Plain Bore

Material Injection Moulded Nylon
 Temperature -30°C + 80°C
 Usage Ideal for hygienic & textile industry application
 Options Low Rolling Resistance & Low abrasion Resistance



Max Load Capacity (Kg)	Wheel Diameter (mm)	Tread Width (mm)	Overall Height (mm)	Swivel Radius (mm)	Rigid Castor (Part No.)	Swivel Castor (Part No.)
280	100	37	143	85	GHKE-42R-NY-PB-ETG	GHKE-42S-NY-PB-ETG
350	125	40	165	101	GHKE-52R-NY-PB-ETG	GHKE-52S-NY-PB-ETG
400	150	45	190	120	GHKE-62R-NY-PB-ETG	GHKE-62S-NY-PB-ETG
600	200	50	241	156	GHKE-82R-NY-PB-ETG	GHKE-82S-NY-PB-ETG

All Wheels Available in External Thread Guard (ETG)

NY-RB Nylon with Roller Bearing

Material Injection Moulded Nylon
 Temperature -30°C + 80°C
 Usage Ideal for hygienic & textile industry application
 Options Low Rolling Resistance & Low abrasion Resistance



Max Load Capacity (Kg)	Wheel Diameter (mm)	Tread Width (mm)	Overall Height (mm)	Swivel Radius (mm)	Rigid Castor (Part No.)	Swivel Castor (Part No.)
280	100	37	143	85	GHKE-42R-NY-RB-ETG	GHKE-42S-NY-RB-ETG
350	125	40	165	101	GHKE-52R-NY-RB-ETG	GHKE-52S-NY-RB-ETG
400	150	45	190	120	GHKE-62R-NY-RB-ETG	GHKE-62S-NY-RB-ETG
600	200	50	241	156	GHKE-82R-NY-RB-ETG	GHKE-82S-NY-RB-ETG

All Wheels Available in External Thread Guard (ETG)

NY-BB Nylon with Ball Bearing

Material Injection Moulded Nylon
 Temperature -30°C + 80°C
 Usage Ideal for hygienic & textile industry application
 Options Low Rolling Resistance & Low abrasion Resistance



Max Load Capacity (Kg)	Wheel Diameter (mm)	Tread Width (mm)	Overall Height (mm)	Swivel Radius (mm)	Rigid Castor (Part No.)	Swivel Castor (Part No.)
400	150	50	190	120	GHKE-62R-NY-BB-ETG	GHKE-62S-NY-BB-ETG
600	200	50	241	156	GHKE-82R-NY-BB-ETG	GHKE-82S-NY-BB-ETG

All Wheels Available in External Thread Guard (ETG)

MEJ Medium Duty Polyurethane Wheels

Material Polyurethane 93⁰±3 Shore A
 Core Aluminum
 Bearings Sealed Precision Ball Bearings
 Temperature -20°C to + 85°C
 Tread Options Anti -Static • ESD Polyurethane
 Highlights Noiseless Running • Non Marking •
 Floor Protective • Cost Effective



Max Load Capacity (Kg)	Wheel Diameter (mm)	Tread Width (mm)	Overall Height (mm)	Swivel Radius (mm)	Rigid Castor (Part No.)	Swivel Castor (Part No.)
400	150	50	190	120	GHKE-62R-MEJ-ETG	GHKE-62S-MEJ-ETG
550	200	50	241	156	GHKE-82R-MEJ-ETG	GHKE-82S-MEJ-ETG

All Wheels Available in External Thread Guard (ETG)

ME Polyurethane Wheels

Material Polyurethane 93⁰ + 3 Shore A
 Core Aluminium
 Bearings Sealed Precision Ball Bearings
 Temperature -20°C to + 85°C
 Tread Options Anti - Static • ESD Polyurethane
 Usage Epoxy or smooth Cement Concrete floors
 Highlights Ergonomic Design with a Curved Tread Non Corrosive



Max Load Capacity (Kg)	Wheel Diameter (mm)	Tread Width (mm)	Overall Height (mm)	Swivel Radius (mm)	Rigid Castor (Part No.)	Swivel Castor (Part No.)
450	150	50	195	115	GHKE-62R-ME-HR-ETG	GHKE-62S-ME-HR-ETG
600	200	50	245	152	GHKE-82R-ME-HR-ETG	GHKE-82S-ME-HR-ETG
650	250	50	295	190	GHKE-102R-ME-HR-ETG	GHKE-102S-ME-HR-ETG

All Wheels Available in External Thread Guard (ETG)

ME-SFS Solid Elastomer Wheels

Material Polyurethane 73⁰±3⁰ Shore D
 Core Aluminium
 Bearings Sealed Precision Ball Bearings / Stainless Steel Bearings
 Temperature -20°C to + 85°C
 Tread Options Anti - Static • ESD Polyurethane
 Usage Ideal for moving extremely heavy loads on smooth Cement Concrete & Epoxy Coated Floors
 Options Solid Elastomer + Aluminium
 Ergonomic Design with Tread • Low Rolling Resistance










Max Load Capacity (Kg)	Wheel Diameter (mm)	Tread Width (mm)	Overall Height (mm)	Swivel Radius (mm)	Rigid Castor (Part No.)	Swivel Castor (Part No.)
675	150	50	195	115	GHKE-62R-ME-SFS-ETG	GHKE-62S-ME-SFS-ETG
800	200	50	245	152	GHKE-82R-ME-SFS-ETG	GHKE-82S-ME-SFS-ETG

All Wheels Available in External Thread Guard (ETG)

SAS Polyurethane Wheels

Material Polyurethane 93^{±3} Shore A
 Core Cast Iron
 Bearings Sealed Precision Ball Bearings / Tapered Roller Bearings
 Temperature -20°C to + 85°C
 Tread Options Anti - Static • ESD Polyurethane
 Usage Epoxy Coated & smooth Cement Concrete floors Power Towing
 Highlights Non-marking • Noiseless Running • Low Rolling Resistance • Abrasion Resistant










Max Load Capacity (Kg)	Wheel Diameter (mm)	Tread Width (mm)	Overall Height (mm)	Swivel Radius (mm)	Rigid Castor (Part No.)	Swivel Castor (Part No.)
						
400	100	50	140	77	GHKE-42R-SAS-ETG	GHKE-42S-SAS-ETG
550	125	50	165	95	GHKE-52R-SAS-ETG	GHKE-52S-SAS-ETG
750	150	50	195	115	GHKE-62R-SAS-ETG	GHKE-62S-SAS-ETG
900	200	50	245	152	GHKE-82R-SAS-ETG	GHKE-82S-SAS-ETG
900	250	50	295	190	GHKE-102R-SAS-ETG	GHKE-102S-SAS-ETG

All Wheels Available in External Thread Guard (ETG)

SFS Solid Elastomer Wheels


Material Polyurethane 73^{±3} Shore D
 Core Aluminium
 Bearings Sealed Precision Ball Bearings / Stainless Steel Bearings
 Temperature -20°C to + 85°C
 Tread Options Anti - Static • ESD Polyurethane
 Usage Ideal for moving extremely heavy loads on smooth Cement Concrete and Epoxy Coated Floors
 Highlights "Real Solid" reinforced Elastomer • Non-Corrosive




Max Load Capacity (Kg)	Wheel Diameter (mm)	Tread Width (mm)	Overall Height (mm)	Swivel Radius (mm)	Rigid Castor (Part No.)	Swivel Castor (Part No.)
						
375	100	50	140	77	GHKE-42R-SFS-ETG	GHKE-42S-SFS-ETG
500	125	50	165	95	GHKE-52R-SFS-ETG	GHKE-52S-SFS-ETG
675	150	50	195	115	GHKE-62R-SFS-ETG	GHKE-62S-SFS-ETG
800	200	50	245	152	GHKE-82R-SFS-ETG	GHKE-82S-SFS-ETG


All Wheels Available in External Thread Guard (ETG)


 Max Load Capacity
350 Kg

 Top Plate
105 x 85 mm


 Bolt Hole Centres
82 x 62 mm Slotted to 78 x 58 mm

 Attaching Bolt Size
8 mm

 Wheel Diameter
80-125 mm

 Top Plate
135 x 110 mm

 Bolt Hole Centres
110 x 58 mm Slotted to 100 x 75 mm

 Attaching Bolt Size
10 mm

 Wheel Diameter
150-200 mm



SWIVEL FORK



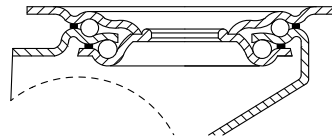
RIGID FORK



FORK CONSTRUCTION

- Pressed Steel: Dynamically Pressed to ensure low swivel head play and long service life
- Swivel Raceways with Double Ball Bearings To Ensure High Load Bearing Capacities
- Stainless Steel 304 Grade construction
- Ideal for wet & steam applications

SWIVEL HEAD SECTION



FORK TYPES



Rigid Fork



Swivel Fork



Swivel Fork with Brake

AVAILABLE FINISH

→ Polished Stainless Steel

OPTIONS

→ Total Lock Brake System

+WHEELS

MATERIAL

NY Nylon

PNY Polyurethane Wheels + Nylon Core

NY-PB Nylon with Plain Bore

Material Injection Moulded Nylon
 Temperature -30°C + 80°C
 Usage Ideal for hygienic & textile industry application
 Options Low Rolling Resistance & Low abrasion Resistance



Max Load Capacity (Kg)	Wheel Diameter (mm)	Tread Width (mm)	Overall Height (mm)	Swivel Radius (mm)	Rigid Castor (Part No.)	Swivel Castor (Part No.)
280	100	37	128	90	BDS-415R-NY-PB	BDS-415S-NY-PB
350	125	40	155	105	BDS-515R-NY-PB	BDS-515S-NY-PB
350	150	45	190	130	BDS-615R-NY-PB	BDS-615S-NY-PB
350	200	50	238	160	BDS-82R-NY-PB	BDS-82S-NY-PB

NY-RB Nylon with Roller Bearing

Material Injection Moulded Nylon
 Temperature -30°C + 80°C
 Usage Ideal for hygienic & textile industry application
 Options Low Rolling Resistance & Low abrasion Resistance



Max Load Capacity (Kg)	Wheel Diameter (mm)	Tread Width (mm)	Overall Height (mm)	Swivel Radius (mm)	Rigid Castor (Part No.)	Swivel Castor (Part No.)
280	100	37	128	90	BDS-415R-NY-RB	BDS-415S-NY-RB
350	125	40	155	105	BDS-515R-NY-RB	BDS-515S-NY-RB
350	150	45	190	130	BDS-615R-NY-RB	BDS-615S-NY-RB
350	200	50	238	160	BDS-82R-NY-RB	BDS-82S-NY-RB

NY-BB Nylon with Ball Bearing

Material Injection Moulded Nylon
 Temperature -30°C + 80°C
 Usage Ideal for hygienic & textile industry application
 Options Low Rolling Resistance & Low abrasion Resistance












Max Load Capacity (Kg)	Wheel Diameter (mm)	Tread Width (mm)	Overall Height (mm)	Swivel Radius (mm)	Rigid Castor (Part No.)	Swivel Castor (Part No.)
350	150	50	190	120	BDS-62R-NY-BB	BDS-62S-NY-BB
350	200	50	241	156	BDS-82R-NY-BB	BDS-82S-NY-BB

PNY Polyurethane Wheels with Nylon Core

Material Polyurethane 93° Shore A
 Core Nylon
 Bearings Sealed Precision Ball Bearings
 Temperature -20°C to +85°C
 Tread Options Also available in softer 80° Shore A Polyurethane
 Anti Static • ESD Polyurethane
 Usage Epoxy Coated or smooth Cement Concrete floors
 Highlights Low Noise Operation • Low Rolling Resistance



Max Load Capacity (Kg)	Wheel Diameter (mm)	Tread Width (mm)	Overall Height (mm)	Swivel Radius (mm)	Sw. Rad. with TL (mm)	Rigid Castor (Part No.)	Swivel Castor (Part No.)	Swivel Castor with Total Lock (Part No.)
								
200	100	40	128	88	120	BHS-SS-415R-PNY	BHS-SS-415S-PNY	BHS-SS-415S-PNY-TL
350	125	40	155	107	127	BHS-SS-515R-PNY	BHS-SS-515S-PNY	BHS-SS-515S-PNY-TL
350	150	40	190	135	165	BHS-SS-615R-PNY	BHS-SS-615S-PNY	BHS-SS-615S-PNY-TL
350	200	50	235	155	168	BHS-SS-82R-PNY	BHS-SS-82S-PNY	BHS-SS-82S-PNY-TL



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