

PROVIDING  
SOLUTIONS  
TO  
MOVE  
THE  
WORLD



OUR SOLUTIONS LIE WITHIN



# ABOUT US

*Nansin Co., Ltd. is the oldest as well as the biggest manufacturer of casters and wheels in Japan. For over 50 years, Nansin has been producing a wide range of "Nansin" Brand Casters for the furniture, institutional, hospital and industrial applications.*

*Today, Nansin is the only Caster & Wheels manufacturer to cover every stage of production - from mold to finished products. Using highly efficient and automated manufacturing facilities, we meet our customer's needs and schedules. Unlike other caster and wheel companies, we rigorously test all our products to standards above your needs; this means if you compare another company's product of similar size and materials to ours, Nansin products outperform the competition!*

*In keeping to our commitment to quality products, competitive pricing and customer satisfaction, Nansin has expanded since its conception to better meet the market demands. In 1989, NSG(Malaysia) Sdn. Bhd. manufacturing facility was established in Penang, Malaysia. And to meet the challenges of the future, Nansin acquired in 1991, Flexello Limited, largest casters and wheels manufacturer in England.*

*Our reputation was built on our customer satisfaction through our continuous efforts to generate further improvements in quality, performance, durability and of course, pricing. If you have not purchased our products, we welcome the opportunity to serve you in your needs.*

*Let Nansin be your partner in success in the new millenium.*

## THE NANSIN GROUP



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**Established:** July 1932  
**Capital:** JP ¥1,696,500,000.-  
**Certification:** JIS ISO 9001

**Category:** Subsidiary  
**Location:** NSG(Malaysia) Sdn. Bhd.  
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**Established:** February 1989  
**Capital:** RM 30,000,000.-  
**Certification:** BS EN ISO 9002



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**Website:** <http://www.flexello.co.uk/>  
**Established:** September 1991  
**Capital:** £ 7,000,000.-  
**Certification:** BS EN ISO 9001



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## CASTERS

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[PLATE TYPE]

STC	Series	[ up to 160kg(353Lbs) each]	11-12
STM	Series	[ up to 500kg(1,101Lbs) each]	13
STH	Series	[ up to 550kg(1,211Lbs) each]	14
STM/STH (MC NYLON)	Series	[ up to 1,330kg(2,930Lbs) each]	15
THN	Series	[ up to 220kg(485Lbs) each]	16
ANTISTATIC	Series	[ up to 370kg(815Lbs) each]	17-18
STAINLESS	Series	[ up to 250kg(551Lbs) each]	19-21
[BOLT TYPE]			
SMO/GM/GMO	Series	[ up to 110kg(243Lbs) each]	22
PMW	Series	[ up to 100kg(220Lbs) each]	23
SR/SM/SEM	Series	[ up to 70kg(154Lbs) each]	24
SSC	Series	[ up to 160kg(353Lbs) each]	25
LTO	Series	[ up to 100kg(220Lbs) each]	26
SCAFFOLDING	Series	[ up to 250kg(551Lbs) each]	27

## WHEELS

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EM/HR/RM/RL/VM (Solid rubber)	30
VA/VAH/VH/VS100/VS/CBC/VAE/VSE/SUN/SUB ( Rubber tyre/Steel disk)	30-31
MM/BM ( Gray Rubber/Steel disk)	31-32
NTP (Thermo)	32
NTB/NU (Polyurethane tread/Nylon core)	32
VUH/VU/VUE (Polyurethane tread/Steel disk)	32
NM/NMC100/NH/NB/NL (Nylon)	32-33
MBC/MHC (MC Nylon)	33
PH/PH100 (Phenolic)	33

# NANSIN WARRANTY

Each Nansin products is warranted against defects in material and workmanship for one year from the date of original purchase, unless it has been misused, abused, modified or improperly installed.

Any product that is claimed to be defective that is returned to Nansin with its approval will be repaired or replaced free of charge (excluding freight and installation)

This warranty is exclusive and there are no other warranties, express or implied, such as an implied warranty of merchantability or fitness for particular purpose. This remedy is the sole remedy in contract, tort or otherwise, and Nansin is not liable for incidental, consequential or special damages.



# PROVIDING SOLUTIONS TO MOVE THE WORLD

As a leading caster manufacturer, we at Nansin simply believe that the fundamental purpose of a caster is **move heavy loads using little effort**. To do this effectively, one must have the right caster for the job. Such factors as the **load capacity, durability** and **starting point** should be carefully considered when selecting an appropriate caster.

Unfortunately, people tend to select their casters from catalogue which list only the size and material of the caster and wheel. This often results in higher costs in the long term, since performance and durability become compromised, and the caster need to be more frequently replaced, costing both time and money to your operation.

Since 1942, we have been dedicated to manufacturing quality casters and wheels. For instance, the **breaking point** of our caster is **approximately 8 to 10 greater than the load capacity** listed in our catalogue. Furthermore all of our casters have passed our standard tests.

In choosing Nansin casters and wheels, you will discover how **smooth** and **trouble-free** your castered equipment can operate; and you will also be able to **reduce costs**. Choose Nansin for durability and reability!

## HOW TO SELECT THE PROPER CASTER & WHEEL

When purchasing casters and wheels for your needs, we believe it's important to consider their application in order to ensure maximum satisfaction.

- How much load will they be bearing?
- What surfaces will they be used on?
- How frequently will they be used?

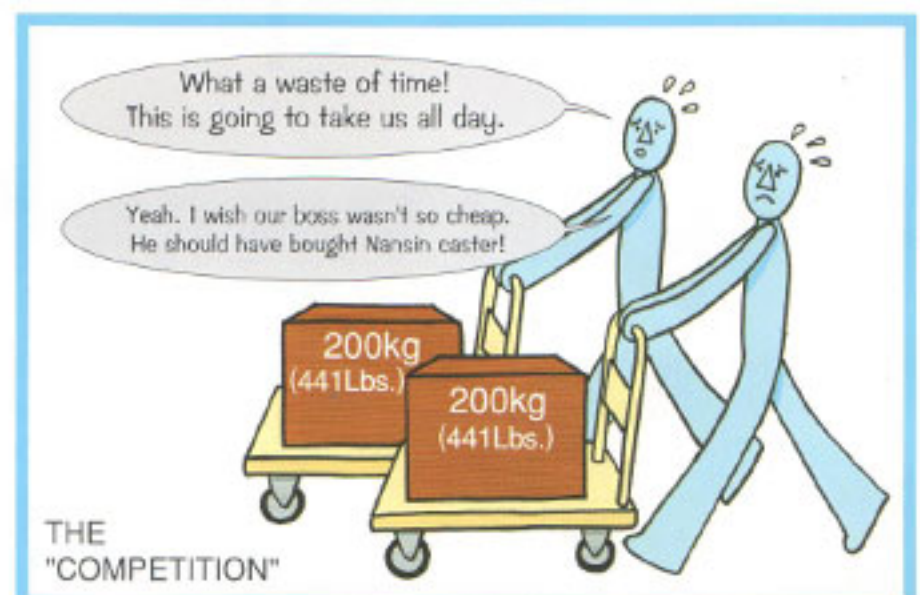
These are a few considerations we believe necessary in selecting the right caster and wheel for the right job.

Nansin has striven to perfect the caster and wheel. In our achievements to date, we have developed products that far outperform our competition. For example, our 4 inch caster may be superior to the industry's 5 inch caster standards produced by most other companies. Similarly, our rubber wheel may be superior to most poly-urethane alternatives.

Please shop around for the caster and wheel that best suit your requirements; but when doing so, be sure to balance your needs with the performance of the product in question. To simply contrast price by comparing size and material alone, may result in higher long term costs.

## NANSIN MOBILE QUALITY

### Nansin take every task seriously





**The difference**

Smooth & trouble-free!  
Nansin's mobile quality  
is great!

NANSIN

Goo grief! I've realized  
the troubles of using cheap caster.

Hey, boss! How many times do I have to  
tell you that we should buy quality caster?

THE  
"COMPETITION"

**4"caster can serve for the 6"caster!**

4"caster can serve for  
the 6"caster!

NANSIN

100mm(4")

6" diam caster  
can load only 441Lbs.

THE  
"COMPETITION"

150mm(6")

**Nansin build friendship**

Non-marking!  
Nansin outperform  
the competition.

NANSIN

If I keep this up,  
there won't be much  
left of me soon.

THE  
"COMPETITION"

**After repeated use.....**

I'm rolling  
in the money now!  
Nansin products outperform  
the competition  
thanks to  
their higher standards.  
Thanks Nansin!

NANSIN

I thought  
I could save some money  
by buying the cheaper  
casters and wheels but now  
I have to spend  
more money now!

THE  
"COMPETITION"



# FITTINGS



STC-150CBC

**Plate fittings**  
STC/STM/STH/THN Series



SR-50RM-M12

**Threaded screw**  
SMO/SR/SM/SEL/SSC Series



GM-100MM

**Expandable adaptor**  
GM/GMO Series



PMW-125UWB

Stem with integrated actuation cam for hospital beds, stretcher and other medical equipment  
PMW Series



SCJ-150VS-W21

**Scaffold jacking stem**  
35mm diam.x355mm(H)  
SCJ Series



SCP-150VS-W21

**Scaffold round plug**  
36mm diam.x100/105mm(H)  
SCP Series

# BRAKES



S-1



S-2



S-3



S-4



S-8



S-12



SW-4



W-1R



W-3



W-5



W-6



W-21

**Wheel brake:**

**Directional lock:**

**Wheel brake & Swivel lock:**

**Total lock:**

S-1    S-2    S-3    S-12

S-4

SW-4

W-1R    W-3    W-5    W-6    W-21



Swiveling motion stopper OFF.  
Caster moves freely.



Swiveling motion stopper ON.  
Caster is fixed.

## S-8

- When the stopper part on the wheel engages in the lock chamfer in the predetermined position, the swiveling motion is locked and the caster is fixed.
- Stop a straight drive and draw it back slightly. The stopper is unlocked and the caster moves freely.
- Move it in the same direction again. The swiveling lock function works and fix the caster.
- No mistakable operation is required.



# TECHNICAL INFORMATION

	Principle Material	Hardness	Rockwell Hardness	Resiliency	Water Resistance	Heat Resistance (°C)	Cold Resistance (°C)	Acid Resistance	Alkali Resistance	Ozone Resistance	Gasoline/Kerosene Resistance
HR,EM50 · 65	NR	85	-	○	◎	80	-40	○	○	△	×
EM75,RL100	NR,BR	80	-	○	◎	80	-40	○	○	△	×
VS,VA,CBC	NR,BR	65	-	◎	△	100	-40	×	×	×	×
VU,VUH,VUE	Urethane	95	-	○	△	80	-40	×	×	○	◎
NU	Nylon Urethane	92	-	△	△	80	-10	×	×	○	◎
NB,NM,NH,NMC	Nylon	-	R103~ R118	×	◎	120	-10	×	◎	◎	◎
MBC,MHC	MC Nylon	-	R118~ R120	×	◎	130	-10	×	◎	◎	◎
PH	Phenolic	-	R96~ R120	×	◎	160	-40	◎	×	◎	◎
SUN,SUB	NR,BR	65	-	◎	○	100	-40	△	○	×	×
NTP	PP,TPR	92	-	△	◎	100	-40	○	○	○	△
NTB	Nylon Urethane	90	-	△	△	80	-40	×	×	○	◎
VAH	NR,BR	80	-	○	△	100	-40	×	×	×	×
VAE,VSE	NR,BR	70	-	◎	△	100	-40	×	×	×	×

NU	SBR	BR	U	TPR
Natural Rubber	Styrene-Butadiene Rubber	Butadiene Rubber	Castable Urethane Rubber	Thermo-Plastic Rubber

※ Starting resistance(kgf)=Working load(kg) × Coefficient of wheel rotation( $\mu$ )

※ Working load(kg)=Load capacity (kg) × 3

※ Nansin grease(cold proof -30°C) standard on all products.



# Product Information

Dear Caster Users,

According to the definition of the liability of manufacturers for their products, which is given in the "Law of Liability of Products", the following information about wheels casters has to be considered.

## 1.0 Product Information and Determined Use

Wheels and casters, according to this definition, are constructional parts that are generally interchangeable. They are fitted to apparatus, furniture, transport systems or similar products to make them mobile.

This product information refers to casters and wheels, which are used on non-powered equipment at a speed not exceeding walking pace and not being under continuous motion.

### Wheel diameter   Speed

Below 75mm   below 2km/hr

Above 100mm   below 4km/hr

The wheels will give a long and troublefree life if the following points are adhered to:

- a) Correct and secure fitting at the design position
- b) The fixing position must have adequate strength and material for secure fixing
- c) The function of the caster must not be changed nor affected by the fixing
- d) The swivel action axle must be vertical at all times
- e) Fixed casters must have their wheel axles in alignment
- f) If all swivel casters are used, then they must be common to each other
- g) If fixed casters are used in conjunction with swivel casters then all casters must be compatible and as recommended by the manufacturer

Where casters are used in areas of:

Outdoors

Coastal areas

Corrosive and/or aggressive areas

Special products have to be specified.

For use in temperature below 5°C and above 30°C the efficiency of the castor can be impaired, particularly the normal load capacity as published can be affected when used in temperatures below/above those stated herein. Special products can be specified.

Component parts are assembled into a complete caster. The manufacturer is only liable for the original component parts making the complete caster.

When selecting a caster it is necessary to consider all aspects of the symbol chart as published.

## 2.0 Misuse

The word "misuse" can be defined as:

2.1 Overloading \*Total Load Weight=1 pce. Load Capacity x 4 x 0.8

2.2 Unsuitable flooring

2.3 Excessive temperatures

2.4 Failure to release brakes

2.5 Exposure to caustic brakes

2.6 Excessive shock loading

2.7 Ingression of foreign objects into the wheel treads

2.8 Excessive speed

2.9 Changes made to the components parts and assembled casters not previously agreed with the original manufacturer

## 3.0 Product Capability

Should the user not find a product clearly described in the manufacturers catalogue, leaflets, descriptive literature etc., then any new caster designed for the particular application has to be fully agreed with the manufacturer. Any new designs effected will be subject to the relevant JIS B8920,B8924

## 4.0 Maintenance

The maintenance of caster is usually:

Regressing the axle and swivel bearings, by the retightening of axle and/or adjustable kingpin, when fitted.

Should any cleaning agents be used, then these same agents should not contain corrosive, or grinding elements.

## 5.0 Product Information and User Guide

It is necessary to ensure that the Product Information on the following page (No.7,8) are made available as and when required and that the reseller ensures that the customer is supplied with the necessary catalogues; that the Original Equipment Manufacturer, on who's equipment the product is fitted, ensures the end user has the Product Information. To ensure proper function of the casters and wheels the reseller must consider the Product Information (page7). This product information can be supplied for issue to the manufacturer of the equipment. The manufacturer of the equipment has to refer to the Product Information, copies of this Product Information can be ordered from the caster manufacturer for distribution to the end user.

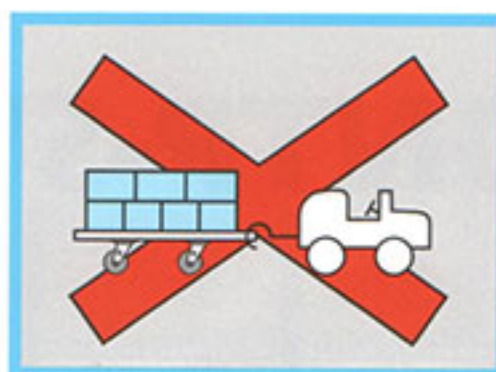




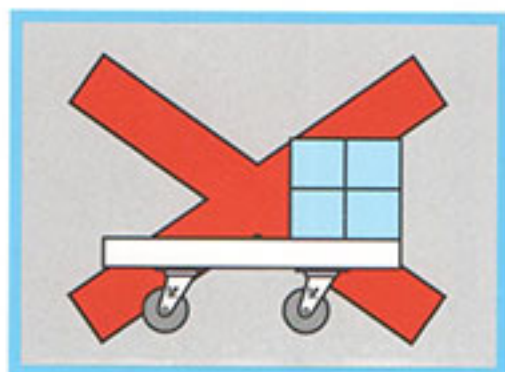
# SIMPLE GUIDE TO THE "DON'TS" OF CASTER USAGE



Follow the load capacity listed in this catalogue



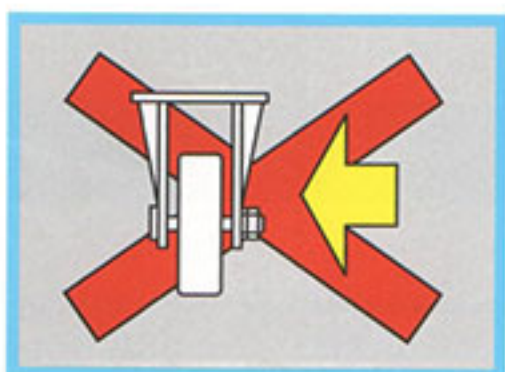
No traction use



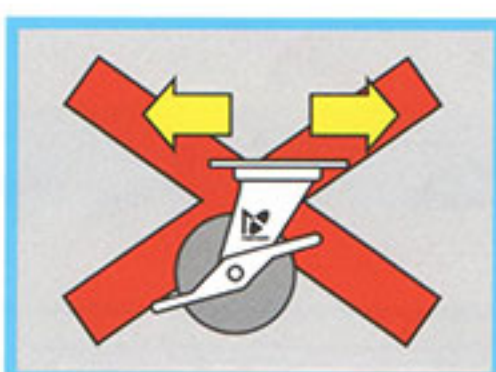
Make sure the loads in the center of trolley



Make sure the caster is used for right purpose



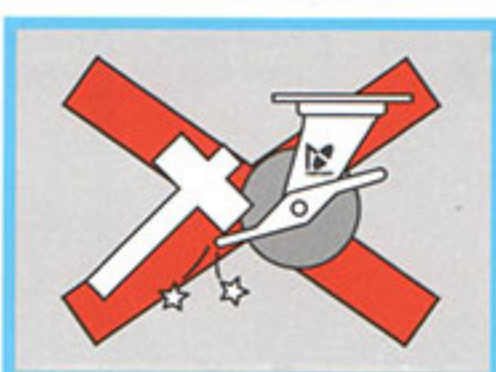
No side forces to rigid caster



Operate caster with brake or directional lock or other attachment appropriately engaged



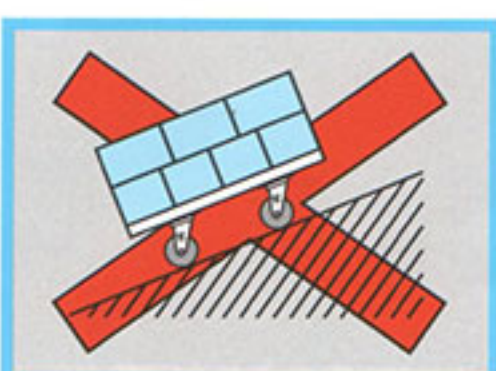
No shock loads, curbs



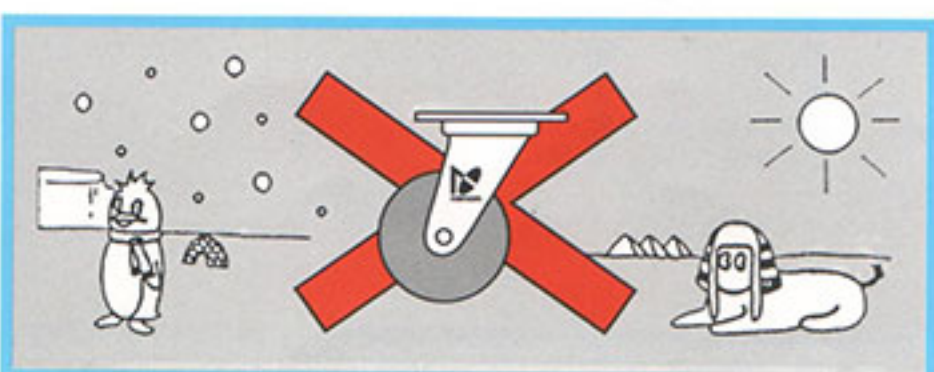
Operate attachments with reasonable force



No uneven floors



Operate attachments on even floors



Follow the operating temperatures



# CODE NUMBER SYSTEM

## SR-50NTP-S1 M12xP1.25

Caster series  
(swivel or rigid)

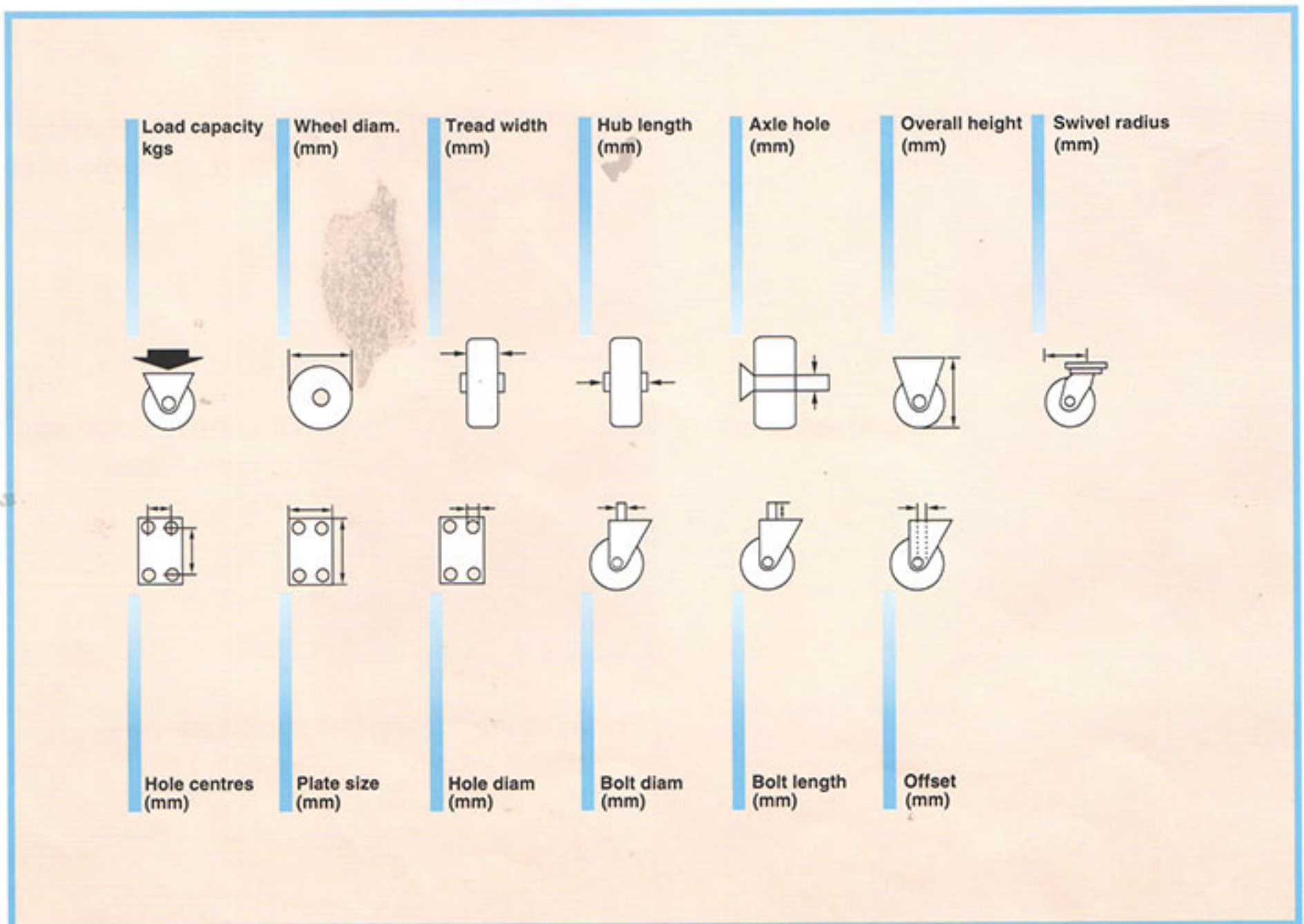
Wheel diameter  
in mm

Wheel

Brake  
(wheel brake, directional lock or total lock)

Fitting dimensions  
in mm

# SYMBOLS





# STANDARD NANSIN CASTERS

## STC SERIES

Capacity up to 160kg each



50/65/75/100/125/150mm wheel diam.  
(See page 11-12)

## STM SERIES

Capacity up to 500kg each



75/100/130/150/200/250mm wheel diam.  
(See page 13)

## STH SERIES

Capacity up to 550kg each



100/130/150mm wheel diam.  
(See page 14)

## STM/STH (MC NYLON) SERIES

Capacity up to 600kg each



75/100/130/150/200mm wheel diam.  
(See page 15)

## THN SERIES

Capacity up to 220kg each



50/65/75/100mm wheel diam.  
(See page 16)

## ANTISTATIC SERIES

Capacity up to 370kg each



75/100/130/150/200mm wheel diam.  
(See page 17-18)

## STAINLESS SERIES

Capacity up to 250kg each



50/65/75/100/125/150/200mm wheel diam.  
(See page 19-21)

## SMO/GM/GMO SERIES

Capacity up to 110kg each



75/100/125/150mm wheel diam.  
(See page 22)

## PMW SERIES

Capacity up to 100kg each



126mm wheel diam.  
(See page 23)

## SR/SM/SEM SERIES

Capacity up to 70kg each



40/50/75/100mm wheel diam.  
(See page 24)

## SSC SERIES

Capacity up to 160kg each



100/125/150mm wheel diam.  
(See page 25)

## LTO SERIES

Capacity up to 100kg each



100/125mm wheel diam.  
(See page 26)

## SCAFFOLDING SERIES

Capacity up to 250kg each



100/130/150/200mm wheel diam.  
(See page 27)

**Sample available for large quantity inquiry**



# STC Series

Light duty industrial casters(excellent performance for high frequent use.)

Application:Factories / Manufacturing, Garages / Auto Service, Hotels / Motels.



STC-150CBC

mm	kgs Rubber(Polyurethane)	mm	mm	mm	mm	mm	mm	mm	Contents per case (pc)	Code number	
										Rubber	Polyurethane
50	35 (-)	65	59×47	46×35	6.5	16	46	100	STC-50EM	-	
65	50 (70)	85	70×58	55×42	8.8	25	59	50	STC-65EM	STC-65NU	
75	60 (80)	93	70×58	55×42	8.8	25	65	40	STC-75EM	STC-75NU	
100	100 (100)	130	90×90	70×70 (68×68)	10.5	30	84	15	STC-100VS	STC-100NU	
125	140 (140)	165	110×110	90×90 (75×75)	11.0	35	103	10	STC-125CBC	STC-125NU	
150	160 (160)	190	110×110	90×90 (75×75)	11.0	40	120	8	STC-150CBC	STC-150NU	



STC-100VS-S2

mm	kgs Rubber(Polyurethane)	mm	mm	mm	mm	mm	mm	mm	Contents per case (pc)	Code number	
										Rubber	Polyurethane
50	35 (-)	65	59×47	46×35	6.5	16	46	100	STC-50EM-S1	-	
65	50 (70)	85	70×58	55×42	8.8	25	59	50	STC-65EM-S1	STC-65NU-S2	
75	60 (80)	93	70×58	55×42	8.8	25	65	40	STC-75EM-S1	STC-75NU-S2	
100	100 (100)	130	90×90	70×70 (68×68)	10.5	30	84	15	STC-100VS-S2	STC-100NU-S2	
125	140 (140)	165	110×110	90×90 (75×75)	11.0	35	103	8	STC-125CBC-S2	STC-125NU-S2	
150	160 (160)	190	110×110	90×90 (75×75)	11.0	40	120	8	STC-150CBC-S2	STC-150NU-S2	

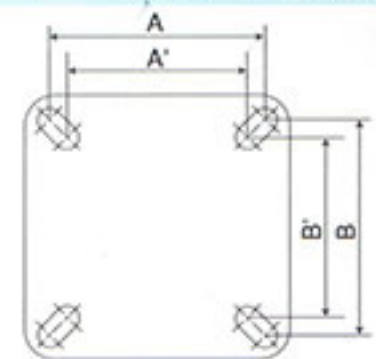


SKC-150CBC

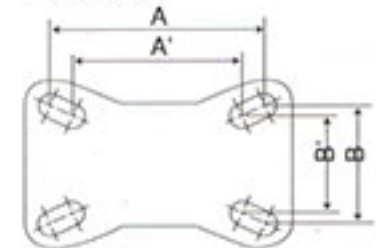
mm	kgs Rubber(Polyurethane)	mm	mm	mm	mm	mm	mm	Contents per case (pc)	Code number	
									Rubber	Polyurethane
50	35 (-)	65	58×44	45×25	6.5	-	-	100	SKC-50EM	-
65	50 (70)	85	70×52	55×28	8.8	-	-	70	SKC-65EM	SKC-65NU
75	60 (80)	93	70×52	55×28	8.8	-	-	50	SKC-75EM	SKC-75NU
100	100 (100)	130	110×70	90×50 (80×45)	10.5	-	-	15	SKC-100VS	SKC-100NU
125	140 (140)	165	140×80	112×53 (100×56)	11.0	-	-	10	SKC-125CBC	SKC-125NU
150	160 (160)	190	140×80	112×53 (100×56)	11.0	-	-	8	SKC-150CBC	SKC-150NU

Diameter (mm)	Rubber Wheel			Polyurethane Wheel		
	Breaking load (kg)	Coefficient of wheel rotation (μ)	Starting resistance (kgf)	Breaking load (kg)	Coefficient of wheel rotation (μ)	Starting resistance (kgf)
50	600	0.040	4.20	-	-	-
65	700	0.035	5.25	700	0.030	6.30
75	700	0.035	6.30	700	0.030	7.20
100	1000	0.015	4.50	1000	0.012	3.60
125	1400	0.010	4.20	1400	0.010	4.20
150	1400	0.010	4.80	1400	0.010	4.80

Starting resistance(kgf)=Working load(kg) × Coefficient of wheel rotation(μ)  
 ※ Working load(kg)=Load capacity(kg) × 3



[Example]  
 STC-100 Hole centre  
 A×B=70×70  
 A'×B'=68×68



[Example]  
 SKC-100 Hole centre  
 A×B=90×50  
 A'×B'=80×45



**EM50/65/75**  
 Solid rubber(NR)  
 Plain bearing



**VS100**  
 Rubber(NR, BR)  
 Steel disk  
 Commercial bearing



**CBC125/150**  
 Rubber(NR, BR)  
 Steel disk  
 Commercial bearing



**NU65/75/100/125/150**  
 Polyurethane tread  
 Nylon core  
 Needle bearing(100,125,150mm only)



# STC (NYLON) Series

Light duty industrial casters(excellent performance for high frequent use.)  
 Application:Factories / Manufacturing, Garages / Auto Service, Hotels / Motels.



STC-100NMC

mm	kgs	mm	mm	mm	mm	mm	mm	mm	Contents per case (pce)	Code number Nylon
50	40	65	59×47	46×35	6.5	16	46	100	100	STC-50NM
65	60	85	70×58	55×42	8.8	25	59	50	50	STC-65NM
75	65	93	70×58	55×42	8.8	25	65	40	40	STC-75NM
100	100	130	90×90	71×71 (68×68)	10.5	30	84	15	15	STC-100NMC
125	140	165	110×110	90×90 (75×75)	11.0	35	103	10	10	STC-125NB
150	160	190	110×110	90×90 (75×75)	11.0	40	120	8	8	STC-150NB



STC-100NMC-S2

mm	kgs	mm	mm	mm	mm	mm	mm	mm	Contents per case (pce)	Code number Nylon
50	40	65	59×47	46×35	6.5	16	46	100	100	STC-50NM-S1
65	60	85	70×58	55×42	8.8	25	59	50	50	STC-65NM-S1
75	65	93	70×58	55×42	8.8	25	65	40	40	STC-75NM-S1
100	100	130	90×90	71×71 (68×68)	10.5	30	84	15	15	STC-100NMC-S2
125	140	165	110×110	90×90 (75×75)	11.0	35	103	8	8	STC-125NB-S2
150	160	190	110×110	90×90 (75×75)	11.0	40	120	8	8	STC-150NB-S2



SKC-100NMC

mm	kgs	mm	mm	mm	mm	mm	mm	mm	Contents per case (pce)	Code number Nylon
50	40	65	58×44	45×25	6.5				100	SKC-50NM
65	60	85	70×52	70×52	8.8				70	SKC-65NM
75	65	93	70×52	70×52	8.8				50	SKC-75NM
100	100	130	110×70	90×50 (80×45)	10.5				15	SKC-100NMC
125	140	165	140×80	112×53 (100×56)	11.0				10	SKC-125NB
150	160	190	140×80	112×53 (100×56)	11.0				8	SKC-150NB

Rubber Wheel			
Diameter (mm)	Breaking load (kg)	Coefficient of wheel rotation (μ)	Starting resistance (kgf)
50	600	0.018	2.16
65	700	0.015	2.70
75	700	0.015	2.93
100	1000	0.012	2.60
125	1400	0.005	2.10
150	1400	0.005	2.40

Starting resistance(kgf)=Working load(kg) × Coefficient of wheel rotation(μ)  
 ※Working load(kg)=Load capacity(kg) × 3



NM50/65/75  
Nylon



NMC100  
Nylon



NB125/150  
Nylon  
Needle bearing



# STM Series

## Medium duty industrial caster

Application: Factories / Manufacturing , Garages / Auto Service



STM-75VU

mm	kgs Rubber(Polyurethane)	mm	mm	mm	mm	mm	mm	mm	Contents per case (pce)	Code number	
										Rubber	Polyurethane
75	80 (120)	100	81×81	63×63	9.5	30	69	30	STM-75VA	STM-75VU	
100	100 (170)	144	95×95	73×73 (70×70)	10.5	35	88	15	STM-100VS	STM-100VU	
130	180 (260)	177	105×105	82×82 (80×80)	11.0	40	108	10	STM-130VS	STM-130VU	
150	200 (300)	198	120×120	93×93 (90×90)	11.0	45	123	8	STM-150VS	STM-150VU	
200	250 (370)	250	140×140	115×115 (105×105)	11.0	58	166	4	STM-200VS	STM-200VU	
250	330 (500)	305	160×160	125×125	14.0	63	193	4	STM-250VS	STM-250VU	



STM-100VU-W3

mm	kgs Rubber(Polyurethane)	mm	mm	mm	mm	mm	mm	mm	Contents per case (pce)	Code number	
										Rubber	Polyurethane
75	80 (120)	100	81×81	63×63	9.5	30	69	30	STM-75VA-W3	STM-75VU-W3	
100	100 (170)	144	95×95	73×73 (70×70)	10.5	35	88	15	STM-100VS-W3	STM-100VU-W3	
130	180 (260)	177	105×105	82×82 (80×80)	11.0	40	108	8	STM-130VS-W3	STM-130VU-W3	
150	200 (300)	198	120×120	93×93 (90×90)	11.0	45	123	6	STM-150VS-W3	STM-150VU-W3	
200	250 (370)	250	140×140	115×115 (105×105)	11.0	58	166	4	STM-200VS-W3	STM-200VU-W3	

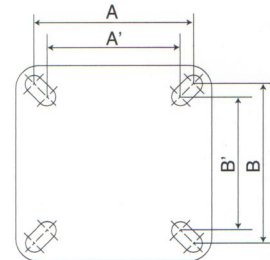


SKM-100VU

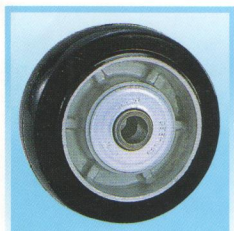
mm	kgs Rubber(Polyurethane)	mm	mm	mm	mm	mm	mm	Contents per case (pce)	Code number	
									Rubber	Polyurethane
75	80 (120)	100	95×71	63×63	9.5			30	SKM-75VA	SKM-75VU
100	100 (170)	144	115×80	80×45	10.5			15	SKM-100VS	SKM-100VU
130	180 (260)	177	138×90	100×56	11.0			10	SKM-130VS	SKM-130VU
150	200 (300)	198	138×90	100×56	11.0			8	SKM-150VS	SKM-150VU
200	250 (370)	250	152×100	112×63	11.0			4	SKM-200VS	SKM-200VU
250	330 (500)	305	200×140	140×80	14.0			4	SKM-250VS	SKM-250VU

Diameter (mm)	Rubber Wheel			Polyurethane Wheel		
	Breaking load (kg)	Coefficient of wheel rotation (μ)	Starting resistance (kgf)	Breaking load (kg)	Coefficient of wheel rotation (μ)	Starting resistance (kgf)
75	800	0.018	4.32	800	0.016	5.76
100	1400	0.015	4.50	1400	0.012	6.12
130	1900	0.012	6.48	1900	0.012	9.36
150	1900	0.012	7.20	1900	0.012	10.80
200	2100	0.010	7.50	2100	0.010	11.10
250	4000	0.012	11.88	4000	0.012	18.00

Starting resistance(kgf)=Working load(kg) × Coefficient of wheel rotation(μ)  
 ※Working load(kg)=Load capacity(kg) × 3



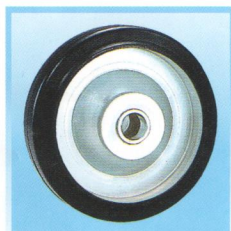
[Example]  
 STM-130 Hole centre  
 A × B = 82 × 82  
 A' × B' = 80 × 80



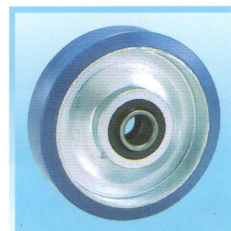
**VA75**  
 Rubber(NR,BR)  
 Aluminium core  
 Commercial bearing



**VS100**  
 Rubber(NR,BR)  
 Steel disk  
 Commercial bearing



**VS130/150/200/250**  
 Rubber(NR,BR)  
 Steel disk  
 Commercial bearing



**VU75/100/130/150/200/250**  
 Polyurethane tread  
 Steel disk  
 Radial bearing



# STH Series

Medium duty industrial caster

Application: Factories / Manufacturing , Garages / Auto Service



STH-100VAH

mm	kgs Rubber (Polyurethane)	mm	mm	mm	mm	mm	mm	Contents per case (pcs)	Code number	
									Rubber	Polyurethane
100	250(350)	144	108×108	80×80	11	35	90	10	STH-100VAH	STH-100VUH
130	300(500)	177	108×108	80×80	11	40	110	8	STH-130VAH	STH-130VUH
150	350(550)	198	120×120	90×90	11	45	125	6	STH-150VAH	STH-150VUH

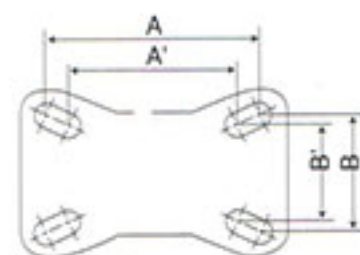


SKH-150VAH

mm	kgs Rubber (Polyurethane)	mm	mm	mm	mm	mm	Contents per case (pcs)	Code number	
								Rubber	Polyurethane
100	250(350)	144	137×86	108×55(100×50)	11		10	SKH-100VAH	SKH-100VUH
130	300(500)	177	137×93	100×56	11		8	SKH-130VAH	SKH-130VUH
150	350(550)	198	137×93	100×56	11		6	SKH-150VAH	SKH-150VUH

Diameter (mm)	Rubber Wheel			Polyurethane Wheel		
	Breaking load (kg)	Coefficient of wheel rotation (μ)	Starting resistance (kgf)	Breaking load (kg)	Coefficient of wheel rotation (μ)	Starting resistance (kgf)
100	3000	0.025	18.75	3000	0.020	21.00
130	3000	0.020	18.00	3000	0.018	27.00
150	3000	0.018	18.90	3000	0.016	26.40

Starting resistance(kgf)=Working load(kg) × Coefficient of wheel rotation(μ)  
 ※ Working load(kg)=Load capacity(kg) × 3



[Example]  
 SKH-100 Hole centre  
 A×B=108×55  
 A'×B'=100×50



**VAH100/130/150**  
 Rubber(NR,BR)  
 Aluminium core  
 Radial bearing



**VUH100/130/150**  
 Polyurethane tread  
 Aluminium core  
 Radial bearing



# STM/STH (MC NYLON) Series

Heavy duty industrial caster  
Application: Factories/Manufacturing



STM-130MBC

mm	kgs	mm	mm	mm	mm	mm	mm	Contents per case (pcs)	Code Number MC Nylon
75	120	100	81×81	63×63	9.5	30	69	30	STM-75MBC
100	180	144	95×95	73×73 (70×70)	10.5	35	88	15	STM-100MBC
130	270	177	105×105	82×82 (80×80)	11.0	40	108	10	STM-130MBC
150	300	198	120×120	93×93 (90×90)	11.0	45	123	8	STM-150MBC
200	400	250	140×140	115×115 (105×105)	11.0	58	166	4	STM-200MBC



STM-130MBC-W3

mm	kgs	mm	mm	mm	mm	mm	mm	Contents per case (pcs)	Code Number MC Nylon
75	120	100	81×81	63×63	9.5	30	69	30	STM-75MBC-W3
100	180	144	95×95	73×73 (70×70)	10.5	35	88	15	STM-100MBC-W3
130	270	177	105×105	82×82 (80×80)	11.0	40	108	8	STM-130MBC-W3
150	300	198	120×120	93×93 (90×90)	11.0	45	123	6	STM-150MBC-W3
200	400	250	140×140	115×115 (105×105)	11.0	58	166	4	STM-200MBC-W3



SKM-130MBC

mm	kgs	mm	mm	mm	mm	Contents per case (pcs)	Code Number MC Nylon
75	120	100	95×71	63×63	9.5	30	SKM-75MBC
100	180	144	115×80	80×45	10.5	15	SKM-100MBC
130	270	177	138×90	100×56	11.0	10	SKM-130MBC
150	300	198	138×90	100×56	11.0	8	SKM-150MBC
200	400	250	152×100	112×63	11.0	4	SKM-200MBC



STH-100MHC

mm	kgs	mm	mm	mm	mm	mm	mm	Contents per case (pcs)	Code Number MC Nylon
100	460	144	108×108	80×80	11	35	90	10	STH-100MHC
130	550	177	108×108	80×80	11	40	110	8	STH-130MHC
150	600	198	120×120	90×90	11	45	125	6	STH-150MHC



SKH-100MHC

mm	kgs	mm	mm	mm	mm	Contents per case (pcs)	Code Number MC Nylon
100	460	144	137×80	108×55 (100×50)	11	10	SKH-100MHC
130	550	177	137×93	100×56	56	8	SKH-130MHC
150	600	198	137×93	100×56	56	6	SKH-150MHC

Diameter (mm)	MC Nylon Wheel:MBC			MC Nylon Wheel:MHC		
	Breaking load (kg)	Coefficient of wheel rotation (μ)	Starting resistance (kg)	Breaking load (kg)	Coefficient of wheel rotation (μ)	Starting resistance (kg)
75	800	0.010	3.60	-	-	-
100	1400	0.010	5.40	3000	0.005	6.90
130	1900	0.010	8.10	3300	0.005	8.25
150	1900	0.005	4.50	3300	0.005	9.00
200	2100	0.004	4.80	-	-	-

Starting resistance(kg)=Working load(kg)×Coefficient of wheel rotation(μ)  
\* Working load(kg)=Load capacity(kg)×3

## Features:

- ① High intensity & hardness. Can be loaded more than rubber or plastic wheel.
- ② Less starting & rolling resistance. High efficiency High heat resistance.
- ③ Excellent heat resistance

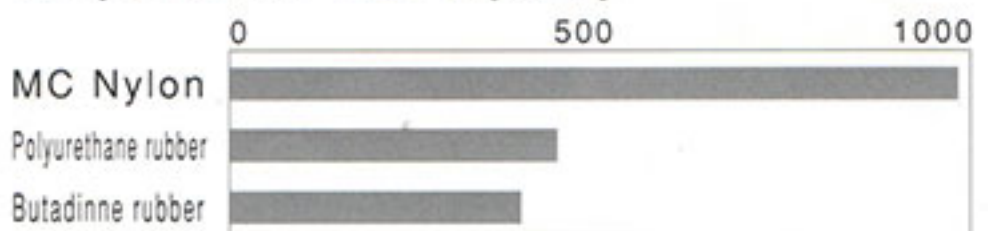


MBC75/100/130/150/200  
MC Nylon  
Radial bearing



MHC100/130/150  
MC Nylon  
Radial bearing

## Comparison in load capacity





# THN Series

Application: Factories / Manufacturing, offices



THN-65PH

mm	kgs Rubber (Phenolic)	mm	mm	mm	mm	mm	mm	mm	Contents per case (pcs)	Code number	
										Rubber	Phenolic
50	80(150)	68	70×54	54×36	6.5	25	53	40	THN-50HR	THN-50PH	
65	110(210)	92	90×90	71×71	10.5	25	60	25	THN-P-65HR	THN-65PH	
75	140(220)	106	90×90	71×71	10.5	28	67	20	THN-P-75HR	THN-75PH	
100	170(220)	130	125×86	103×67	10.5	28	83	15	THN-100HR	THN-100PH	



THN-50PH-S2

mm	kgs Rubber (Phenolic)	mm	mm	mm	mm	mm	mm	mm	Contents per case (pcs)	Code number	
										Rubber	Phenolic
50	80(150)	68	70×54	54×36	6.5	25	53	30	THN-50HR-S2	THN-50PH-S2	
65	110(210)	92	90×90	71×71	10.5	25	60	20	THN-P-65HR-S2	THN-65PH-S2	
75	140(220)	106	90×90	71×71	10.5	28	67	15	THN-P-75HR-S2	THN-75PH-S2	
100	170(220)	130	125×86	103×67	10.5	28	83	12	THN-100HR-S2	THN-100PH-S2	



KHN-75HR

mm	kgs Rubber (Phenolic)	mm	mm	mm	mm	mm	mm	Contents per case (pcs)	Code number	
									Rubber	Phenolic
50	80(150)	68	80×50	66×36	6.5			40	KHN-50HR	KHN-50PH
65	110(210)	92	111×70	91×47	10.5			30	KHN-65HR	KHN-65PH
75	140(220)	106	123×72	103×52	10.5			20	KHN-75HR	KHN-75PH
100	170(220)	130	123×72	103×52	10.5			15	KHN-100HR	KHN-100PH

Diameter (mm)	Rubber Wheel			Phenolic Wheel		
	Breaking load (kg)	Coefficient of wheel rotation (μ)	Starting resistance (kgf)	Breaking load (kg)	Coefficient of wheel rotation (μ)	Starting resistance (kgf)
50	750	0.060	14.40	750	0.040	18.00
65	1900	0.040	13.20	1900	0.020	12.60
75	1900	0.040	16.80	1900	0.020	13.20
100	1900	0.040	20.40	1900	0.020	13.20

Starting resistance(kgf)=Working load(kg) × Coefficient of wheel rotation(μ)  
 ※ Working load(kg)=Load capacity(kg) × 3



**HR50/65/75/100**  
Solid rubber(NR)  
Plain bearing



**PH50/65/75**  
Phenolic



**PH100**  
Phenolic  
Needle bearing(65mm,75mm only)



# Anti-Static Series

Application: Computer equipment, medical equipment, cleanroom or any other equipment which has a danger of static electricity build-up



STM-100VAE

mm	kgs	mm	mm	mm	mm	mm	mm	Contents per case (pcs)	Code number Rubber
75	80	100	81×81	63×63	9.5	30	69	30	STM-75VAE
100	100	144	95×95	73×73 (70×70)	10.5	35	88	15	STM-100VAE
130	180	177	105×105	82×82 (80×80)	11.0	40	108	10	STM-130VSE
150	200	198	120×120	93×93 (90×90)	11.0	45	123	8	STM-150VSE
200	250	250	140×140	115×115 (105×105)	11.0	58	166	4	STM-200VSE



STM-150VSE-S3

mm	kgs	mm	mm	mm	mm	mm	mm	Contents per case (pcs)	Code number Rubber
75	80	100	81×81	63×63	9.5	30	69	30	STM-75VAE-S2
100	100	144	95×95	73×73 (70×70)	10.5	35	88	15	STM-100VAE-S2
130	180	177	105×105	82×82 (79×79)	11.0	40	108	8	STM-130VSE-S3
150	200	198	120×120	93×93 (87×87)	11.0	45	123	6	STM-150VSE-S3
200	250	250	140×140	115×115 (105×105)	11.0	58	166	4	STM-200VSE-S3



SKM-75VAE

mm	kgs	mm	mm	mm	mm	Contents per case (pcs)	Code number Rubber
75	80	100	95×71	63×63	9.5	30	SKM-75VAE
100	100	144	115×80	80×45	10.5	15	SKM-100VAE
130	180	177	138×90	100×56	11.0	10	SKM-130VSE
150	200	198	138×90	100×56	11.0	8	SKM-150VSE
200	250	250	152×100	112×63	11.0	4	SKM-200VSE

- Anti-static caster developed for improving anti-static and dustproof effects.
- The wheel uses a special conductive synthetic rubber in order to allow electricity to lead out.
- Disaster prevention caster made of highly conductive materials with further improved anti-static property.

Electromagnetic Resistance;	less than $10^8 \Omega$
Features;	Elastic rubber tire does not damage floor. Not different from a conventional rubber wheel in terms of oil, abrasion and aging resistance.  The caster has uniform grounding effect since powdery or liquid state substance is used to provide the wheel with conductivity.



**VAE75/100**  
Rubber (SBR, BR)  
Aluminium disk  
Commercial bearing



**VSE130/150/200**  
Rubber (SBR, BR)  
Steel disk  
Commercial bearing



# Anti-Static Series

Application: Computer equipment, medical equipment, cleanroom



STM-100VUE

mm	kgs	mm	mm	mm	mm	mm	mm	Contents per case (pcs)	Code Number Polyurethane
75	120	100	81×81	63×63	9.5	28	69	30	STM-75 VUE
100	170	144	95×95	71×71	10.5	35	88	15	STM-100 VUE
130	260	177	105×105	80×80 (77×77)	11.0	40	108	10	STM-130 VUE
150	300	198	120×120	90×90 (80×80)	11.0	45	123	8	STM-150 VUE
200	370	250	140×140	112×112 (102×102)	11.0	58	166	4	STM-200 VUE



STM-100VUE-S3

mm	kgs	mm	mm	mm	mm	mm	mm	Contents per case (pcs)	Code Number Rubber
75	120	100	81×81	63×63	9.5	28	69	30	STM-75 VUE-S2
100	170	144	95×95	71×71	10.5	35	88	15	STM-100 VUE-S3
130	260	177	105×105	80×80 (77×77)	11.0	40	108	8	STM-130 VUE-S3
150	300	198	120×120	90×90 (80×80)	11.0	45	123	6	STM-150 VUE-S3
200	370	250	140×140	112×112 (102×102)	11.0	58	166	4	STM-200 VUE-S3



SKM-100VUE

mm	kgs	mm	mm	mm	mm	Contents per case (pcs)	Code Number Rubber
75	120	100	95×71	63×40	9.5	30	SKM-75 VUE
100	170	144	115×80	80×45	10.5	15	SKM-100 VUE
130	260	177	138×90	100×56	11.0	10	SKM-130 VUE
150	300	198	138×90	100×56	11.0	8	SKM-150 VUE
200	370	250	152×100	112×63	14.0	4	SKM-200 VUE

Features: Non-marking (Non-black carbon use polyurethane)  
 Anti-static polyurethane is also available for industrial equipment.  
 Electromagnetic resistance  $10^7 \sim 8 \Omega$  (between wheel and bracket)  
 Hardness: A 92°  
 Volume resistivity  $1.6 \times 10^7 (\Omega \cdot \text{cm})$  (JIS K6911)



The data is measure value, not guaranteed value. Subjected to change by measuring instrument and environmental factors

## Characteristics Comparison

Item		Normal TPU	Antistatic TPU
Hardness	JIS-A	92	92 ○
Tensile strength	MPa		24.5 ○
Elongation	MPa	500	580 ○
100% modulus	MPa	8.5	8.3 ○
300% modulus	MPa	15	13.7 ○
Tearing strength	kN/m	105	110.8 ○
Repulse elasticity	%	45	39 ○
Friction test	mg	50	56 ○
Compress permanent set	%	30	55 ○
Specific resistance of volume	$\Omega \cdot \text{cm}$		$1.6 \times 10^7$
Specific resistance of surface volume	$\Omega$		$6.2 \times 10^8$

○ Means for superior characteristics



VUE 75/100/130/150/200  
 Polyurethane tread  
 Steel disk  
 Commercial bearing



# SU-STC Series

JIS-SUS-304

Application: Food processing plants, Corrosive environments, Laundries



SU-STC-100NU

mm	kgs Rubber (Polyurethane)	mm	mm	mm	mm	mm	mm	mm	Contents per case (pcs)	Code number	
										Rubber	Polyurethane
65	50(70)	85	70×58	55×42	8.8	25	59	50	SU-STC-65EM	SU-STC-65NU	
75	60(80)	93	70×58	55×42	8.8	25	65	40	SU-STC-75EM	SU-STC-75NU	
100	100(100)	130	90×90	70×70 (68×68)	10.5	30	84	15	SU-STC-100SUN	SU-STC-100NU	
125	140(140)	165	110×110	90×90 (75×75)	11.0	35	103	10	SU-STC-125SUB	SU-STC-125NU	
150	160(160)	190	110×110	90×90 (75×75)	11.0	40	120	8	SU-STC-150SUB	SU-STC-150NU	
200	250(-)	250	140×140	115×115 (105×105)	11.0	58	164	4	SU-STC-200SUN		



SU-STC-75EM-S12

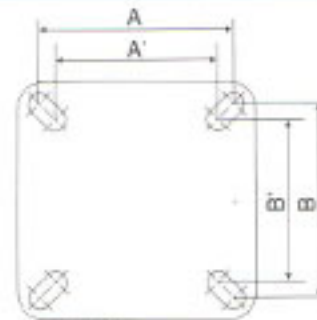
mm	kgs Rubber (Polyurethane)	mm	mm	mm	mm	mm	mm	mm	Contents per case (pcs)	Code number	
										Rubber	Polyurethane
65	50(70)	85	70×58	55×42	8.8	25	59	50	SU-STC-65EM-S12	SU-STC-65NU-S12	
75	60(80)	93	70×58	55×42	8.8	25	65	40	SU-STC-75EM-S12	SU-STC-75NU-S12	
100	100(100)	130	90×90	70×70 (68×68)	10.5	30	84	15	SU-STC-100SUN-S2	SU-STC-100NU-S2	
125	140(140)	165	110×110	90×90 (75×75)	11.0	35	103	10	SU-STC-125SUB-S2	SU-STC-125NU-S2	
150	160(160)	190	110×110	90×90 (75×75)	11.0	40	120	8	SU-STC-150SUB-S2	SU-STC-150NU-S2	



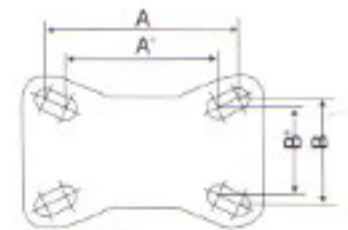
SU-SKC-100NU

Option: S-12 brake 65mm, 75mm only  
S-2 brake 100mm, 150mm only

mm	kgs Rubber (Polyurethane)	mm	mm	mm	mm	mm	mm	Contents per case (pcs)	Code number	
									Rubber	Polyurethane
65	50(70)	85	70×52	55×28	8.8			50	SU-SKC-65EM	SU-SKC-65NU
75	60(80)	93	70×52	55×28	8.8			40	SU-SKC-75EM	SU-SKC-75NU
100	100(100)	130	110×70	90×50 (80×45)	10.5			15	SU-SKC-100SUN	SU-SKC-100NU
125	140(140)	165	140×80	112×53 (100×56)	11.0			10	SU-SKC-125SUB	SU-SKC-125NU
150	160(160)	190	140×80	112×53 (100×56)	11.0			8	SU-SKC-150SUB	SU-SKC-150NU
200	250(-)	250	152×100	112×63	11.0			4	SU-SKC-200SUB	



[Example]  
SU-STC100 Hole centre  
A×B=70×70  
A'×B'=68×68



[Example]  
SU-SKC100 Hole centre  
A×B=90×50  
A'×B'=80×45

Diameter (mm)	Rubber Wheel			Polyurethane Wheel		
	Breaking load (kg)	Coefficient of wheel rotation (μ)	Starting resistance (kg)	Breaking load (kg)	Coefficient of wheel rotation (μ)	Starting resistance (kg)
65	700	0.035	5.25	700	0.030	6.30
75	700	0.035	6.30	700	0.030	7.20
100	1000	0.025	7.50	1000	0.010	3.00
125	1400	0.010	4.20	1400	0.010	4.80
150	1400	0.010	4.80	1400	0.010	4.80
200	2100	0.020	15.0	-	-	-

Starting resistance(kgf)=Working load(kg)×Coefficient of wheel rotation(μ)  
②:Working load(kg)=Load capacity(kg)×3



**EM65/75**  
Solid Rubber (NR)  
Plain bearing



**SUN100/200**  
Rubber (NR, BR)  
Stainless steel disk  
Plain bearing



**SUB125/150**  
Rubber (NR, BR)  
Stainless steel disk  
Needle bearing



**NU65/75/100/125/150**  
Polyurethane Tread  
Nylon core  
Plain bearing (65mm, 75mm only)  
Needle bearing (100mm~150mm only)



# SU-STC (NYLON) Series

JIS-SUS-304

Application: Food processing plants, Corrosive environments, Laundries



SU-STC-200NH

mm	kgs	mm	mm	mm	mm	mm	mm	mm	Contents per case (pcs)	Code number Nylon
65	60	85	70×58	55×42	8.8	25	59	50	50	SU-STC-65NM
75	65	93	70×58	55×42	8.8	25	65	40	40	SU-STC-75NM
100	100	130	90×90	70×70 (68×68)	10.5	30	85	15	15	SU-STC-100NMC
125	140	165	102×102	80×80 (75×75)	11.0	35	103	10	10	SU-STC-125NB
150	160	190	102×102	80×80 (75×75)	11.0	40	120	8	8	SU-STC-150NB
200	250	250	140×140	115×115 (105×105)	11.0	58	?	4	4	SU-STC-200NH



SU-STC-75NM-S12

mm	kgs	mm	mm	mm	mm	mm	mm	mm	Contents per case (pcs)	Code number Nylon
65	60	85	70×58	55×42	8.8	25	59	50	50	SU-STC-65NM-S12
75	65	93	70×58	55×42	8.8	25	65	40	40	SU-STC-75NM-S12
100	100	130	90×90	70×70 (68×68)	10.5	30	85	15	15	SU-STC-100NMC-S2
125	140	165	102×102	80×80 (75×75)	11.0	35	103	10	10	SU-STC-125NB-S2
150	160	190	102×102	80×80 (75×75)	11.0	40	120	8	8	SU-STC-150NB-S2



SU-SKC-200NH

Option: S-12 brake 65mm, 75mm only  
S-2 brake 100mm, 150mm only

mm	kgs	mm	mm	mm	mm	mm	mm	mm	Contents per case (pcs)	Code number Nylon
65	60	85	70×52	55×28	8.8				50	SU-SKC-65NM
75	65	93	70×52	55×28	8.8				40	SU-SKC-75NM
100	100	130	110×70	90×50 (80×45)	10.5				15	SU-SKC-100NMC
125	140	165	140×80	112×53 (100×56)	11.0				10	SU-SKC-125NB
150	160	190	140×80	112×53 (100×56)	11.0				8	SU-SKC-150NB
200	250	250	152×100	112×63	11.0				4	SU-SKC-200NH



Nylon Wheel			
Diameter (mm)	Breaking load (kg)	Coefficient of wheel rotation (μ)	Starting resistance (kgf)
65	700	0.015	2.70
75	700	0.015	2.93
100	1000	0.012	3.60
125	1400	0.005	2.40
150	1400	0.005	2.40
200	2100	0.014	10.5

Starting resistance(kgf)=Working load(kg) × Coefficient of wheel rotation(μ)  
 ※ Working load(kg)=Load capacity(kg) × 3



NM65/75  
Nylon



NMC100/NH  
Nylon



NB125/150  
Nylon  
Needle bearing



# SU-TEL Series

JIS-SUS-304

Application: Food processing plants, corrosive environments, Laundries.



SU-TEL-65RL

mm	kgs Rubber (Nylon)	mm	mm	mm	mm	mm	mm	mm	Contents per case (pcs)	Code number Rubber	Nylon
100	50 (60)	122	100×58	82×40	8.8	33	86	30	30	SU-TEL-100RL	SU-TEL-100NM



SU-TEL-65RL-S2

mm	kgs Rubber (Nylon)	mm	mm	mm	mm	mm	mm	mm	Contents per case (pcs)	Code number Rubber	Nylon
100	50 (60)	122	100×58	82×40	8.8	33	86	25	25	SU-TEL-100RL-S2	SU-TEL-100NM-S2



SU-KEL-65RL

mm	kgs Rubber (Nylon)	mm	mm	mm	mm	mm	mm	mm	Contents per case (pcs)	Code number Rubber	Nylon
100	50 (60)	122	100×61	82×40	8.8				30	SU-KEL-100RL	SU-KEL-100NM

# SU-SR/SEL/SM Series

Application: Food processing plants, corrosive environments, Laundries.

JIS-SUS-304



SU-SR-50RM

mm	kgs Rubber (Nylon)	mm	mm	mm	mm	mm	mm	Spanner (option)	Contents per case (pcs)	Code number Rubber	Nylon
50	35 (40)	67	M12×P1.75	14	22	49		B	100	SU-SR-50RM	SU-SR-50NM
65	35 (35)	85	M12×P1.75	14	25	60		B	70	SU-SEL-65RL	SU-SEL-65NL
75	40 (40)	97	M12×P1.75	14	30	75		B	60	SU-SEL-75RL	SU-SEL-75NL
100	65 (65)	123	M12×P1.75	25	33	86		B	30	SU-SM-100VM	SU-SM-100NM



SU-SEL-65RL-S2

mm	kgs Rubber (Nylon)	mm	mm	mm	mm	mm	mm	Spanner (option)	Contents per case (pcs)	Code number Rubber	Nylon
65	35 (40)	85	M12×P1.75	14	25	60		B	60	SU-SEL-65RL-S2	SU-SEL-65NL-S2
75	40 (40)	97	M12×P1.75	14	30	75		B	50	SU-SEL-75RL-S2	SU-SEL-75NL-S2
100	65 (65)	123	M12×P1.75	25	33	86		B	25	SU-SM-100VM-S2	SU-SM-100NM-S2

Nansin spanner



B (19×21)



**RL65/75/100**  
Solid rubber (NR, BR)  
Plain bearing (100mm Only)



**RM50**  
Solid rubber (NR)



**VM100**  
Solid rubber (SBR, NR)  
Plain bearing



**NL65/75**  
Nylon











**NM100**  
Nylon











# SMO/GM/GMO Series









## Application: Hospitals/Laboratories

								Spanner (option)	Contents per case (pcs)	Code number	
	mm	kgs MM(BM)	mm	mm	mm	mm	mm			MM	BM
	77 (76)	55 (60)	105	U1/2 X 20-1 M16 X P2.0	25	30	72	A	40	SMO-75MM	SMO-75BM
	102	60 (70)	137	U1/2 X 20-1 M16 X P2.0	25	35	89	A	25	SMO-100MM	SMO-100BM
	126	90 (100)	162	U1/2 X 20-1 M16 X P2.0	25	45	111	A	12	SMO-125MM	SMO-125BM
	150	100 (110)	192	U1/2 X 20-1 M16 X P2.0	25	45	123	A	10	SMO-150MM	SMO-150BM









SMO-100BM

								Spanner (option)	Contents per case (pcs)	Code number	
	mm	kgs MM(BM)	mm	mm	mm	mm	mm			MM	BM
	77 (76)	55 (60)	105	U1/2 X 20 M16 X P2.0	25	30	103	A	35	SMO-75-MM-W5	SMO-75-BM-W5
	102	60 (70)	137	U1/2 X 20 M16 X P2.0	25	35	128	A	15	SMO-100-MM-W5	SMO-100-BM-W5
	126	90 (100)	162	U1/2 X 20 M16 X P2.0	25	45	154	A	5	SMO-125-MM-W5	SMO-125-BM-W5
	150	100 (110)	192	U1/2 X 20 M16 X P2.0	25	45	123	A	5	SMO-150-MM-W6	SMO-150-BM-W5









SMO-100BM-WS

								Spanner (option)	Contents per case (pcs)	Code number	
	mm	kgs Rubber (Polyurethane)	mm	mm	mm	mm	mm			Rubber	Polyurethane
	75	55 (60)	102	22(18/28/34)	59	30	72	B	40	GM-75MM	GM-75NTB
	100	60 (70)	126	22(18/28/34)	59	32	86	B	30	GM-100MM	GM-100NTB









GM-100MM

								Spanner (option)	Contents per case (pcs)	Code number	
	mm	kgs Rubber (Polyurethane)	mm	mm	mm	mm	mm			Rubber	Polyurethane
	75	55 (60)	102	22(18/28/34)	59	30	88	B	35	GM-75MM-S2	GM-75NTB-S2
	100	60 (70)	126	22(18/28/34)	59	32	89	B	25	GM-100MM-S2	GM-100NTB-S2

GM-100MM-S2

								Spanner (option)	Contents per case (pcs)	Code number	
	mm	kgs MM(BM)	mm	mm	mm	mm	mm			MM	BM
	75	55 (60)	107	22(18/28/34)	58	30	72	A	40	GMO-75MM	GMO-75BM
	100	60 (70)	139	22(18/28/34)	58	35	89	A	30	GMO-100MM	GMO-100BM

GM-100BM

								Spanner (option)	Contents per case (pcs)	Code number	
	mm	kgs MM(BM)	mm	mm	mm	mm	mm			MM	BM
	75	55 (60)	107	22(18/28/34)	58	30	103	A	35	GMO-75MM-W5	GMO-75BM-W5
	100	60 (70)	139	22(18/28/34)	58	35	128	A	25	GMO-100MM-W5	GMO-100BM-W5

GM-100BM-W5

Note: 22mm expandable adaptor stem is standard size



**MM75/100/125/150**  
Rubber (NR, BR)  
Steel disk  
Plain bearing  
Commercial bearing (150mm only)



**BM75/100/125/150**  
Rubber (NR, BR)  
Steel disk  
Ball bearing



**NTB75/100**  
Polyurethane tread  
Nylon core  
Commercial bearing

Nansin spanner



A (23 X 26)  
B (19 X 21)



# PMW Series

Application: Hospital beds, stretcher and medical equipment

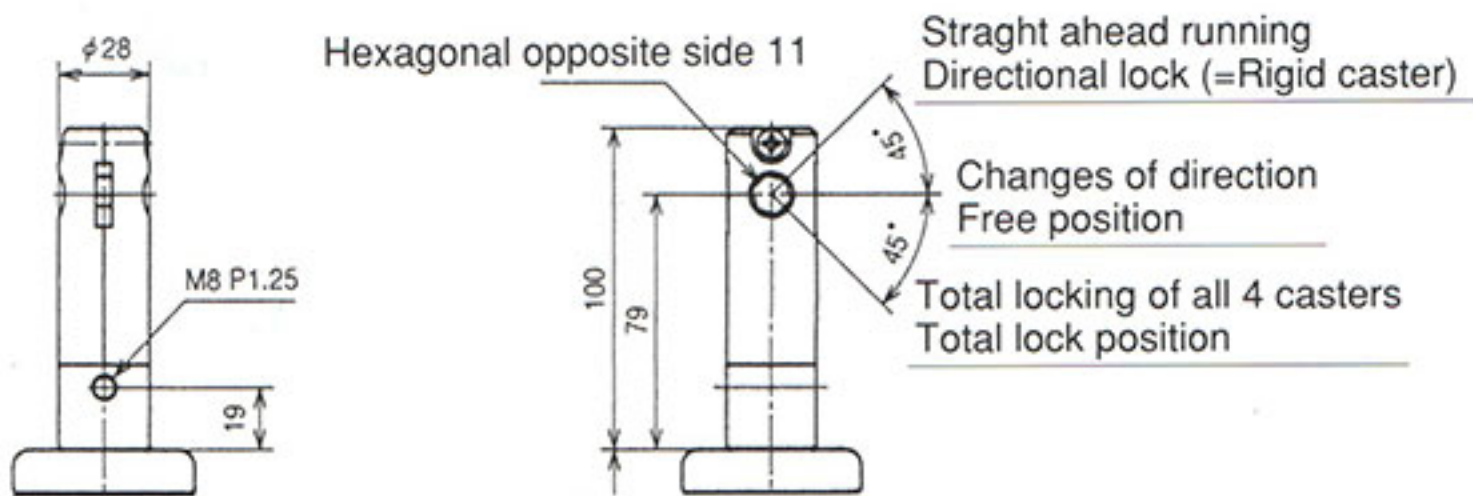


PMW-125UWB

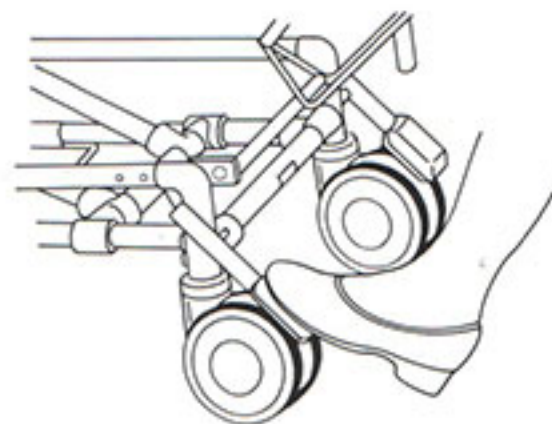
mm	kg	mm	mm	mm	mm	mm	Contents per case (pce)	Code number
126	100	149	28	100	38	109	6	PMW-125UWB

## Features and benefits

1. Aluminium die-cast frame, nylon cover, and Radial bearing in both wheels and swivel heads
2. 2PCs or 4PCs each caster combination can make one pedal operation
3. Non-marking
4. Load capacity 20% increase weight 10% decrease (The data is base on previous model)



- Directional lock position (=Rigid caster)
- Free position (=Swivel caster)
- Total lock position (wheel brake & Swivel lock)





# SR/SM/SEM Series

Application: Stores/Supermarkets, offices, Hotels/Motels



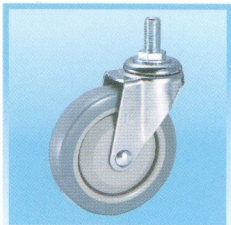
SR-50NTP

mm	kgs Rubber(TPR)	mm	mm	mm	mm	mm	Spanner (option)	Contents per case (pce)	Code number Rubber	Code number TPR
40	30 (30)	59	M12×P1.25 U1/2×20-1 U3/8×16-1	14	20	49	B U1/2 M12	200	SR-40RM	SR-40NTP
50	35 (35)	67	M12×P1.25 U1/2×20-1 U3/8×16-1	14	22	49	D U3/8 U5/16 M8	150	SR-50RM	SR-50NTP



SR-50NTP-S1

mm	kgs Rubber(TPR)	mm	mm	mm	mm	mm	Spanner (option)	Contents per case (pce)	Code number Rubber	Code number TPR
40	30 (30)	59	M12×P1.25 U1/2×20-1 U3/8×16-1	14	20	49	B U1/2 M12	200	SR-40RM-S1	SR-40NTP-S1
50	35 (35)	67	M12×P1.25 U1/2×20-1 U3/8×16-1	14	22	49	D U3/8 U5/16 M8	150	SR-50RM-S1	SR-50NTP-S1



SM-100NTB

mm	kgs Rubber(TPR)	mm	mm	mm	mm	mm	Spanner (option)	Contents per case (pce)	Code number Rubber	Code number TPR
75	55 (60)	100	U1/2×20-1 M12×P1.75	25	30	72	B	40	SM-75MM	SM-75NTB
100	60 (70)	124	U1/2×20-1 M12×P1.75	25	33	86	B	30	SM-100MM	SM-100NTB



SM-100MM-S2

mm	kgs Rubber(TPR)	mm	mm	mm	mm	mm	Spanner (option)	Contents per case (pce)	Code number Rubber	Code number TPR
75	55 (60)	100	U1/2×20-1 M12×P1.75	25	30	72	B	35	SM-75MM-S2	SM-75NTB-S2
100	60 (70)	124	U1/2×20-1 M12×P1.75	25	33	86	B	25	SM-100MM-S2	SM-100NTB-S2



SEM-100RL

mm	kgs Rubber(TPR)	mm	mm	mm	mm	mm	Spanner (option)	Contents per case (pce)	Code number Rubber	Code number TPR
100	50 (70)	123	U1/2×20-1 M12×P1.75	25	32	89	B	30	SEM-100RL	SEM-100NTB



SEM-100RL-S2

mm	kgs Rubber(TPR)	mm	mm	mm	mm	mm	Spanner (option)	Contents per case (pce)	Code number Rubber	Code number TPR
100	50 (70)	123	U1/2×20-1 M12×P1.75	25	32	89	B	25	SEM-100RL-S2	SEM-100NTB-S2

Nansin spanner



B (19×21)



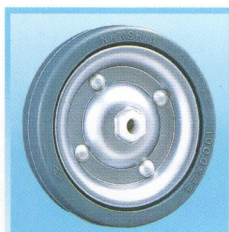
D (17)



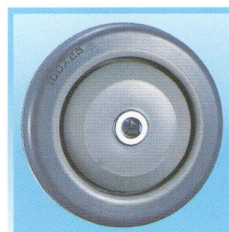
**RM40/50**  
Solid rubber (NR)



**RL100**  
Solid Rubber (NR, BR)  
Plain bearing



**MM75/100**  
Rubber (NR, BR)  
Steel disk  
Plain bearing



**NTB75/100**  
Plyurethane tread  
Nylon core  
Commercial bearing



**NTP40/50**  
TPR tread  
Polypropylene core



# SSC Series

Light duty industrial casters  
Application: Factories / Manufacturing



SSC-150CBC

mm	kgs Rubber(Nylon)	mm	mm	mm	mm	mm	Spanner (option)	Contents per case/pc	Code number	
									Rubber	Nylon
100	100 (100)	134	M20×P2.5	40	30	85	C	15	SSC-100VS	SSC-100NB
125	140 (140)	168	M20×P2.5	40	35	103	C	10	SSC-125CBC	SSC-125NB
150	160 (160)	194	M20×P2.5	40	40	120	C	8	SSC-150CBC	SSC-150NB



SSC-150CBC-S2

mm	kgs Rubber(Nylon)	mm	mm	mm	mm	mm	Spanner (option)	Contents per case/pc	Code number	
									Rubber	Nylon
100	100 (100)	134	M20×P2.5	40	30	85	C	15	SSC-100VS-S2	SSC-100NB-S2
125	140 (140)	168	M20×P2.5	40	35	103	C	10	SSC-125CBC-S2	SSC-125NB-S2
150	160 (160)	194	M20×P2.5	40	40	120	C	8	SSC-150CBC-S2	SSC-150NB-S2

Nansin spanner



C (30)



**VS100**  
Rubber (NR, BR)  
Steel disk  
Commercial bearing



**CBC125/150**  
Rubber (NR, BR)  
Steel disk  
Commercial bearing



**NB100/125/150**  
Nylon  
Needle bearing



# LTO Series



LTO-100TPR

 mm	 kgs	 mm	 mm	 mm	 mm	 mm	Contents per case (pcs)	Code number Rubber
100	100	140	1/2-13UNC 5/8-11UNC	30	42	95	15	LTO-100TPR
125	100	166	1/2-13UNC 5/8-11UNC	30	42	106	12	LTO-125TPR



LTO-100TPR-3B

 mm	 kgs	 mm	 mm	 mm	 mm	 mm	Contents per case (pcs)	Code number Rubber
100	100	140	1/2-13UNC 5/8-11UNC	30	42	123	15	LTO-100STPR-3B
125	100	166	1/2-13UNC 5/8-11UNC	30	42	123	12	LTO-125STPR-3B

Rubber Wheel			
Diameter (mm)	Breaking load (kg)	Coefficient of wheel rotation ( $\mu$ )	Starting resistance (kgf)
100	600	0.024	7.20
125	600	0.024	7.20

Starting resistance(kgf)=Working load(kg) × Coefficient of wheel rotation( $\mu$ )  
 Working load(kg)=Load capacity(kg) × 3










# SCP/SCJ Series

Application: Scaffolding caster










SCP-150VS-W21

 mm	 kgs	 mm	 mm	 mm	 mm	 mm	Contents per case (pce)	Code number Rubber
100	120	125	28	75	35	91	12	SCP-100VH-W21
130	180	165	36	110	40	181	4	SCP-130VS-W21
150	200	186	36	110	45	185	4	SCP-150VS-W21
200	250	241	36	110	58	211	3	SCP-200VS-W21



SCJ-150VS-W21

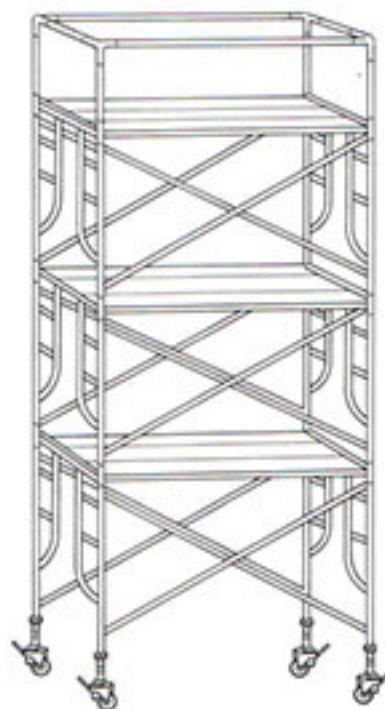
 mm	 kgs	 mm	 mm	 mm	 mm	 mm	Contents per case (pce)	Model Rubber
130	180	196	35	460	40	181	4	SCJ-130VS-W21
150	200	217	35	460	45	185	2	SCJ-150VS-W21
200	250	272	35	460	58	211	2	SCJ-200VS-W21



**VH100**  
Rubber (SBR, NR)  
Aluminium core



**VS130/150/200**  
Rubber (NR, BR)  
Steel disk  
Commercial bearing





# WHEEL SELECTION



**EM**  
Solid rubber (NR)  
Plain bearing  
STC/SU-STC SERIES  
(See page 11,19)



**HR**  
Solid rubber (NR)  
Plain bearing  
THN SERIES  
(See page 16)



**RM**  
Solid rubber (NR)  
SR/SU-SR SERIES  
(See page 21,24)



**RL**  
Solid rubber (NR, BR)  
Plain bearing (100mm only)  
SEL/SU-SEL/SU-TEL SERIES  
(See page 21,24)



**VM**  
Solid rubber (SBR, NR)  
Plain bearing  
SU-SM SERIES  
(See page 21)



**VA**  
Rubber (NR, BR)  
Aluminium core  
Commercial bearing  
STM SERIES  
Option: Gray colour  
(See page 13)



**VAH**  
Rubber (NR, BR)  
Aluminium core  
Radial bearing  
STH SERIES  
(See page 14)



**VH**  
Rubber (SBR, NR)  
Aluminium core  
SCP SERIES  
(See page 27)



**VS100**  
Rubber (NR, BR)  
Steel disk  
Commercial bearing  
STC/STM/SSC SERIES  
Option: Gray colour  
(See page 11,13,25)



**VS**  
Rubber (NR, BR)  
Steel disk  
Commercial bearing  
STM/SCJ/SCP SERIES  
Option: Gray colour  
(See page 13,27)



**CBC**  
Rubber (NR, BR)  
Steel disk  
Commercial bearing  
STC/SSC SERIES  
Option: Gray colour  
(See page 11,25)



**VAE**  
Rubber (SBR, BR)  
Aluminium core  
Commercial bearing  
ANTISTATIC SERIES  
(See page 17)



**VSE**  
Rubber (SBR, BR)  
Steel disk  
Commercial bearing  
ANTISTATIC SERIES  
(See page 17)



**SUN**  
Rubber (NR, BR)  
Stainless steel disk  
Plain bearing  
STAINLESS SERIES  
(See page 19)



**SUB**  
Rubber (NR, BR)  
Stainless steel disk  
Needle bearing  
STAINLESS SERIES  
(See page 19)



**MM**  
Rubber (NR, BR)  
Steel disk  
Plain bearing  
GM/GMO/SM/SMO SERIES  
(See page 22,24)



**BM**  
Rubber (NR, BR)  
Steel disk  
Ball bearing  
SMO/GMO SERIES  
(See page 22)



**NTP**  
TPR tread  
Polypropylene core  
SR SERIES  
(See page 24)



# WHEEL SELECTION



## NTB

Polyurethane tread  
Nylon core  
Commercial bearing  
GM/SM/SEL SERIES  
(See page 22,24)



## NU

Polyurethane tread  
Nylon core  
Needle bearing  
(100~150mm only)  
STC/SU-STC SERIES  
(See page 11,19)



## VUH

Polyurethane tread  
Aluminium core  
Radial bearing  
STH SERIES  
(See page 14)



## VU

Polyurethane tread  
Steel disk  
Commercial bearing  
Radial bearing (200mm,250mm only)  
STM SERIES  
(See page 13)



## VUE

Polyurethane tread  
Steel disk  
Commercial bearing  
ANTISTATIC SERIES  
(See page 18)



## NM

Nylon  
STC/SU-STC/SU-SR/  
SU-TEL/SU-SM SERIES  
(See page 12,20,21)



## NMC100/NH

Nylon  
STC/SU-STC SERIES  
(See page 12,20)



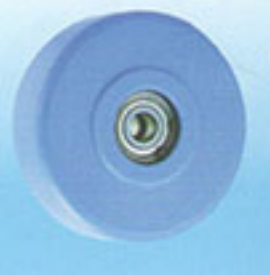
## NB

Nylon  
Needle bearing  
STC/SU-STC/SSC SERIES  
(See page 12,20,25)



## NL

Nylon  
SU-SEL SERIES  
(See page 21)



## MBC

MC Nylon  
Radial bearing  
STM SERIES  
(See page 14)



## MHC

MC Nylon  
Radial bearing  
STH SERIES  
(See page 14)



## PH

Phenolic  
Gunmetal core  
Needle bearing  
THN SERIES  
(See page 16)



## PH

Phenolic  
THN SERIES  
(See page 16)



# NANSIN WHEELS



**EM**  
(For STC/SU-STC SERIES CASTERS)  
Solid rubber(NR)  
Plain bearing

(mm)	(mm)	(mm)	(mm)	(kgs)
50	21	6	23	35
65	25	8	31	50
75	25	8	31	60



**VM**  
(For SM/SU-SM SERIES CASTERS)  
Solid rubber(SBR,NR)  
Plain bearing

(mm)	(mm)	(mm)	(mm)	(kgs)
100	25	8.0	32	65



**HR**  
(For THN SERIES CASTERS)  
Solid rubber(NR)  
Plain bearing

(mm)	(mm)	(mm)	(mm)	(kgs)
50	28	8	32	80
65	36	12	42	110
75	36	12	42	140
100	38	12	42	170



**VA**  
(For STM SERIES CASTERS)  
Rubber(NR,BR)  
Aluminium core  
Commercial bearing  
Option:gray colour

(mm)	(mm)	(mm)	(mm)	(kgs)
75	32	10	36	80



**RM**  
(For SR/SU-SR SERIES CASTERS)  
Solid rubber(NR)

(mm)	(mm)	(mm)	(mm)	(kgs)
40	18	6	20	30
50	20	6	24	35



**VAH**  
(For STH SERIES CASTERS)  
Rubber(NR,BR)  
Aluminium core  
Radial bearing

(mm)	(mm)	(mm)	(mm)	(kgs)
100	50	12	57	250
130	50	20	60	300
150	50	20	60	350



**RL**  
(For SEL/SU-SEL/SU-TEL SERIES CASTERS)  
Solid rubber(NR,BR)  
Plain bearing(100mm only)

(mm)	(mm)	(mm)	(mm)	(kgs)
65	20	6	23	30
75	20	6	23	40
100	25	8	31	50



**VH**  
(For SCP SERIES CASTERS)  
Rubber(SBR,NR)  
Aluminium core

(mm)	(mm)	(mm)	(mm)	(kgs)
100	32	9.5	41	120

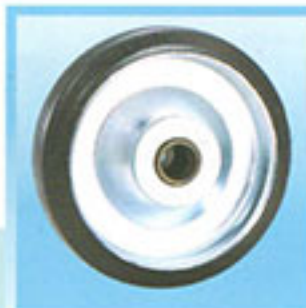


# NANSIN WHEELS



**VS100**  
(For STC/STM/SSC SERIES CASTERS)  
Rubber(NR,BR)  
Steel disk  
Commercial bearing  
Option:gray colour

(mm)	(mm)	(mm)	(mm)	(kgs)
100	32	10	36	80



**VSE**  
(For ANTISTATIC SERIES CASTERS)  
Rubber(SBR,BR)  
Steel disk  
Commercial bearing

(mm)	(mm)	(mm)	(mm)	(kgs)
130	38	20	52	180
150	42	20	55	200
200	45	20	55	250



**VS**  
(For STM/SCP/SCJ SERIES CASTERS)  
Rubber(NR,BR)  
Steel disk  
Commercial bearing  
Option:gray colour

(mm)	(mm)	(mm)	(mm)	(kgs)
130	38	20	52	180
150	42	20	55	200
200	45	20	55	250
250	50	25	64	330



**SUN**  
(For SU-STC SERIES CASTERS)  
Rubber(NR,BR)  
Stainless steel disk  
Plain bearing

(mm)	(mm)	(mm)	(mm)	(kgs)
100	32	12	44	100
125	38	12	54	140
150	42	20	54	160
200	42	20	55	250



**CBC**  
(For STC/SSC SERIES CASTERS)  
Rubber(NR,BR)  
Steel disk  
Commercial bearing  
Option:gray colour

(mm)	(mm)	(mm)	(mm)	(kgs)
125	38	12	55	140
150	40	12	55	160



**SUB**  
(For SU-STC SERIES CASTERS)  
Rubber(NR,BR)  
Stainless steel disk  
Needle bearing

(mm)	(mm)	(mm)	(mm)	(kgs)
125	38	12	56	140
150	42	12	56	160



**VAE**  
(For ANTISTATIC SERIES CASTERS)  
Rubber(SBR,BR)  
Aluminium core  
Commercial bearing

(mm)	(mm)	(mm)	(mm)	(kgs)
75	32	10	36	80
100	32	12	42	100



**MM**  
(For GM/GMO/SM/SMO SERIES CASTERS)  
Rubber(NR,BR)  
Steel disk  
Plain bearing

(mm)	(mm)	(mm)	(mm)	(kgs)
75	20	8	30.0	55
100	22	8	30.0	60
125	25	9.5	42.0	90
150	28	9.5	43.5	100



# NANSIN WHEELS



**BM**  
(For SMO/GMO SERIES CASTERS)  
Rubber(NR,BR)  
Steel disk  
Ball bearing

(mm)	(mm)	(mm)	(mm)	(kgs)
75	25	8.0	32	60
100	25	8.0	32	70
125	25	9.5	44	100
150	32	9.5	44	110



**VUH**  
(For STH SERIES CASTERS)  
Polyurethane tread  
Aluminium core  
Radial bearing

(mm)	(mm)	(mm)	(mm)	(kgs)
100	50	12	57	350
130	50	20	60	500
150	50	20	60	550



**NTP**  
(For SR SERIES CASTERS)  
TPR tread  
Polypropylene core

(mm)	(mm)	(mm)	(mm)	(kgs)
40	18	6	20	30
50	20	6	23	35
75	20	6	25	40



**VU**  
(For STM SERIES CASTERS)  
Polyurethane tread  
Steel disk  
Radial bearing

(mm)	(mm)	(mm)	(mm)	(kgs)
75	32	10	35	120
100	32	12	42	170
130	38	20	52	260
150	42	20	55	300
200	42	20	55	370
250	45	25	64	500



**NTB**  
(For GM/SM/SEL SERIES CASTERS)  
Polyurethane tread  
Nylon core  
Commercial bearing

(mm)	(mm)	(mm)	(mm)	(kgs)
75	25	8	32	60
100	25	8	32	70



**VUE**  
(For ANTISTATIC SERIES CASTERS)  
Polyurethane tread  
Steel disk  
Commercial bearing

(mm)	(mm)	(mm)	(mm)	(kgs)
75	32	10	35	120
100	32	12	42	170
130	38	20	52	260
150	42	20	55	300
200	45	20	55	370



**NU**  
(For STC/SU-STC SERIES CASTERS)  
Polyurethane tread  
Nylon core  
Needle bearing(100~150mm only)

(mm)	(mm)	(mm)	(mm)	(kgs)
65	25	8	31	70
75	25	8	31	80
100	29	12	46	100
125	35	12	57	140
150	35	12	57	160



**NM**  
(For STC/SU-STC/SU-SR/SU-TEL/SU-SM SERIES CASTERS)  
Nylon

(mm)	(mm)	(mm)	(mm)	(kgs)
50	20	6	23	40
65	25	8	31	60
75	25	8	31	65



# NANSIN WHEELS



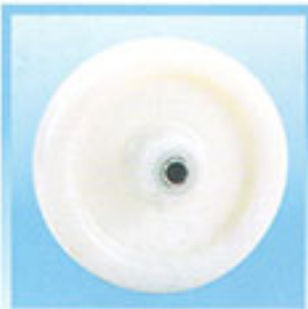
**NMC100/NH**  
(For STC/SU-STC SERIES CASTERS)  
Nylon

(mm)	(mm)	(mm)	(mm)	(kgs)
100	32	12	42	120
200	45	20	55	250



**MHC**  
(For STH SERIES CASTERS)  
MC Nylon  
Radial bearing

(mm)	(mm)	(mm)	(mm)	(kgs)
100	50	12	53.5	520
130	50	20	58.5	840
150	50	20	58.5	1000



**NB**  
(For STC/SU-STC/SSC SERIES CASTERS)  
Nylon  
Needle bearing

(mm)	(mm)	(mm)	(mm)	(kgs)
100	29	12	45	100
125	35	12	56	140
150	35	12	56	160



**PH**  
(For THN SERIES CASTERS)  
Phenolic  
Needle bearing(65,75mm only)

(mm)	(mm)	(mm)	(mm)	(kgs)
50	28	8	32.0	150
65	38	12	41.5	210
75	38	12	41.5	220



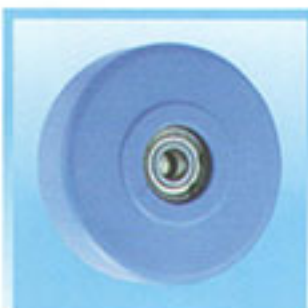
**NL**  
(For SU-SELL SERIES CASTERS)  
Nylon

(mm)	(mm)	(mm)	(mm)	(kgs)
65	20	6	23	30
75	20	6	23	40



**PH100**  
(For THN SERIES CASTERS)  
Phenolic

(mm)	(mm)	(mm)	(mm)	(kgs)
100	32	12	42	180



**MBC**  
(For STM SERIES CASTERS)  
MC Nylon  
Radial bearing

(mm)	(mm)	(mm)	(mm)	(kgs)
75	32	10	35.6	360
100	34	12	41.0	520
130	42	20	52.0	840
150	44	20	55.0	1000
200	45	20	55.0	1330





SGS Yarsley  
International Certification Services Limited

Certificate Number

**Q15782**

This is to certify that the  
Quality Management systems of

**Nansin Co., Ltd.**  
**Yoshikawa Plant**  
**342-0050 Japan**

have been assessed and registered as meeting the  
requirements of ISO 9001

The scope of registration is detailed on the Assessment  
Schedule bearing this certificate number.

SGS Yarsley International Certification Services Ltd  
Signed by

*W. Long*

15 March 1999

This certificate remains valid subject to  
satisfactory maintenance of the system



Registered Office:  
SGS Yarsley  
International Certification Services Limited  
SGS House, 217/221 London Road,  
Cambridge, Surrey GU11 3BY, United Kingdom



When all the conditions of the certificate are met, the certificate  
will remain valid. It is the responsibility of the holder to ensure that the  
conditions are met. The certificate will be suspended if the holder fails to  
maintain the conditions. The certificate will be withdrawn if the holder fails to  
maintain the conditions for a period of 12 months.

Member of the SGS Group (Bovis Lend Lease plc)



SGS Yarsley  
International Certification Services Limited

## ASSESSMENT SCHEDULE

**Q15782**

**Assessment Standard:** ISO 9001: 1994  
**Company:** Nansin Co., Ltd.  
Yoshikawa Plant  
**Location:** 847 Sakae-cho, Yoshikawa-shi  
Saitama-ken, 342-0050 Japan  
**Product Area Assessed:** Design, development and production of single wheel  
caster and wheel (diameter 50mm - 250mm).

Authorised by *W. Long*  
Director

Issue No: 1  
15 March 1999

Page 1 of 1

The date of the accompanying certificate, indicates the date of original  
registration against the above assessment standard.

SGS Yarsley International Certification Services Limited is accredited by the  
following authorities:

UK - United Kingdom Accreditation Service (UKAS)



005





**UKAI** 優凱(馬)有限公司  
**(MALAYSIA) SDN. BHD.**

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**WE SPECIALISE IN CASTORS & WHEELS**



**NANSIN CO.,LTD.**

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