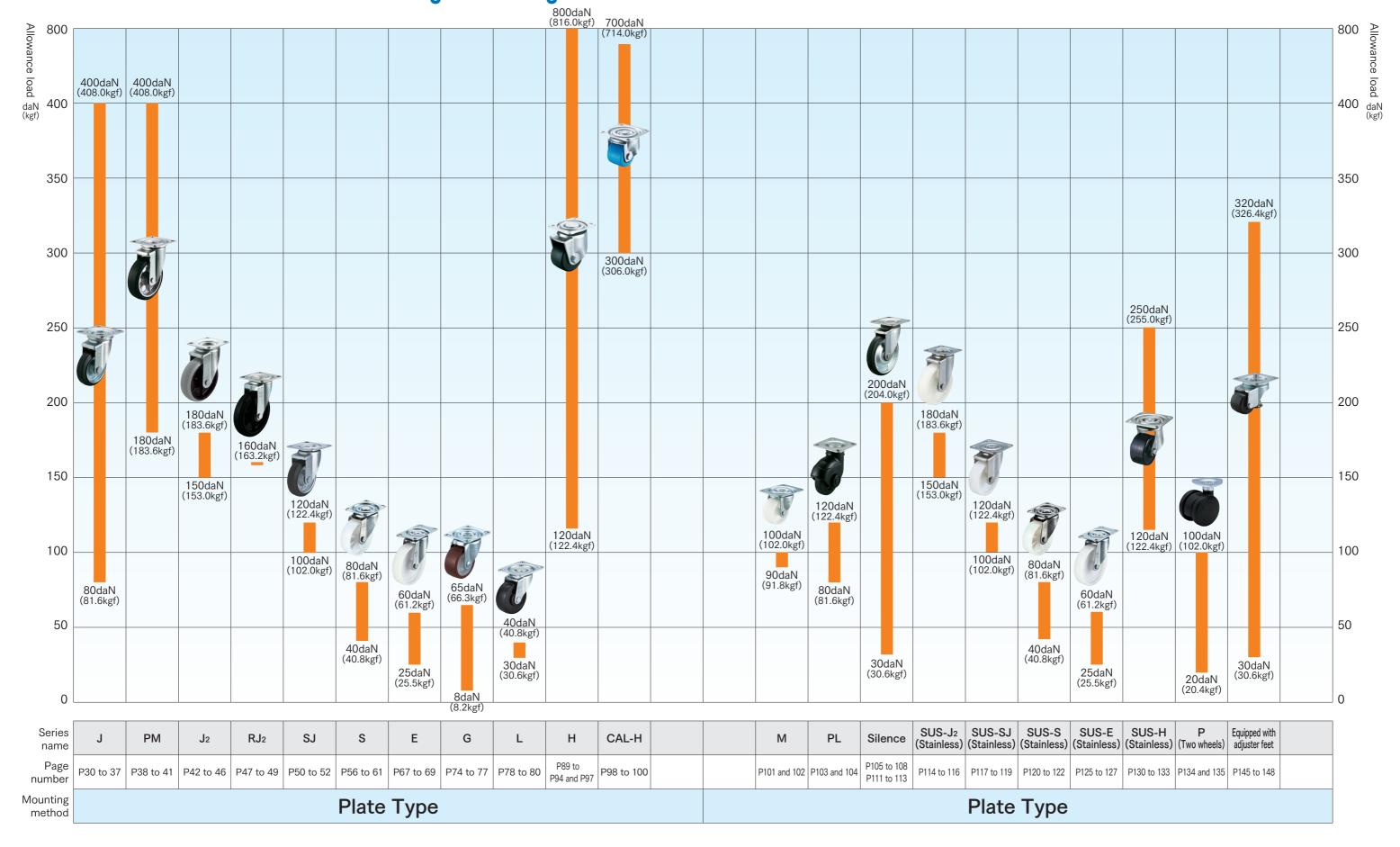
## Selection Guidance

## 1. Selection Guidance of Caster according to Mounting Method

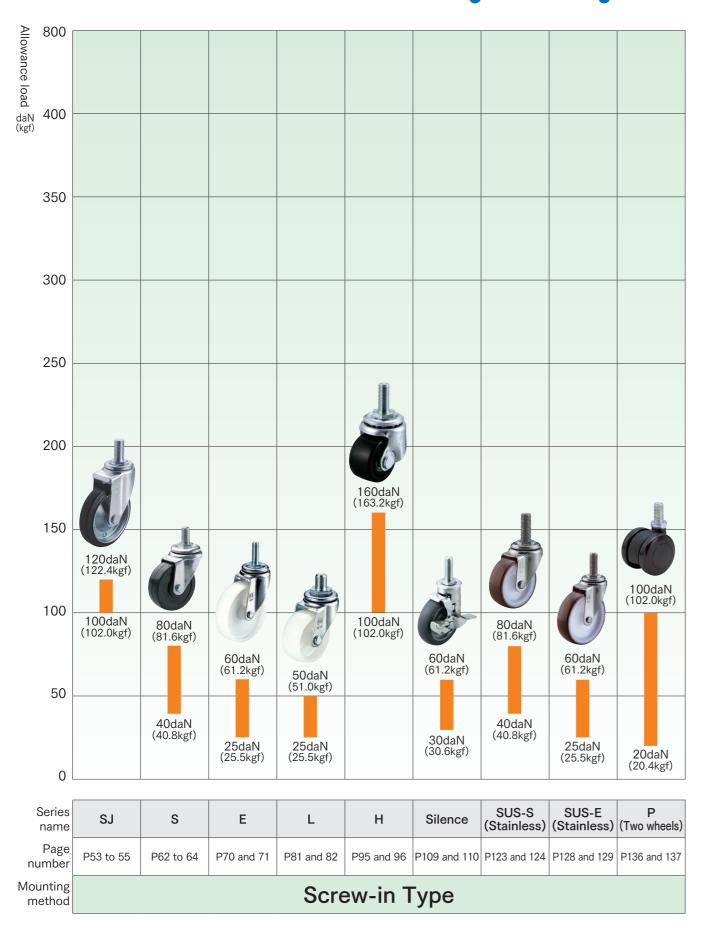


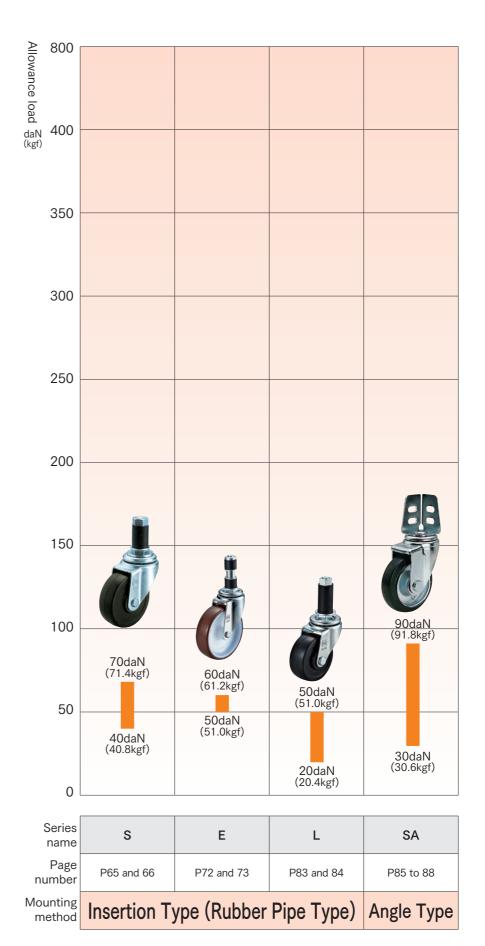
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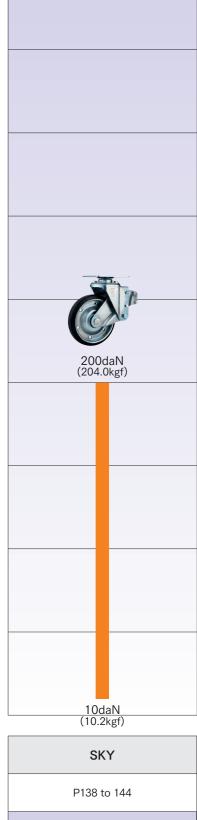
## Selection Guidance

## 1. Selection Guidance of Caster according to Mounting Method





\* For casters equipped with shock absorber, standard load is described instead of allowable load.



20 19

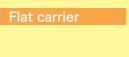
## Selection Guidance

## 2. Selection Guidance of Caster according to Application and Environment

## Recommended casters for each application



J series: P30 to 37 Wheel diameter:  $\phi$  75 to  $\phi$  200mm Allowable load: 80daN to 400daN (\* This is allowable load for one piece of caster.)



S series: P56 to 66 Wheel diameter:  $\phi$  50 to  $\phi$  100mm Allowable load: 40daN to 80daN (\* This is allowable load for one piece of caster.)

G series: P74 to 77 Wheel diameter:  $\phi$  25 to  $\phi$  75mm Allowable load: 8daN to 65daN (\* This is allowable load for one piece of caster.)



E series: P67 to 73 Wheel diameter: φ 50 to φ 125mm Allowable load: 25daN to 60daN (\* This is allowable load for one piece of caster.)

Allowable load: 20daN to 50daN (\* This is allowable load for one piece of caster.)
P series: P134 to 137
Wheel diameter: 4.40 to 4.60mm

P series: P134 to 137 Wheel diameter: φ 40 to φ 60mm Allowable load: 20daN to 100daN (\* This is allowable load for one piece of caster.)



HGL type: P97 Wheel diameter: \$\phi\$ 32mm Allowable load: 120daN (\*This is allowable load for one piece of caster.)



Jeseries: P42 to 46 Wheel diameter:  $\phi$  130 to  $\phi$  150mm Allowable load: 150daN to 180daN (\*This is allowable load for one piece of caster.)

RJ<sub>2</sub>series: P47 to 49 Wheel diameter: φ 150mm Allowable load: 160daN (\* This is allowable load for one piece of caster.)





PM series: P38 to 41 Wheel diameter: φ 130 to φ 200mm Allowable load: 180daN to 400daN (\* This is allowable load for one piece of caster.)

SKY series: P138 to 140 Wheel diameter:  $\phi$  200mm Standard load: 100daN to 200daN (\* This is allowable load for one piece of caster.)

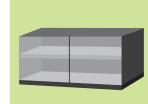




CAL-H series: P98 to 100 Wheel diameter:  $\phi$  50 to  $\phi$  75mm Allowable load: 300daN to 700daN (\* This is allowable load for one piece of caster.)

P series: P134 to 137
Wheel diameter: φ 40 to φ 60mm
Allowable load: 20daN to 100daN
(\* This is allowable load for one piece of caster.)

#### **Furniture**



G series: P74 to 77 Wheel diameter:  $\phi$  25 to  $\phi$  75mm Allowable load: 8daN to 65daN (\* This is allowable load for one piece of caster.)

P series: P134 to 137 Wheel diameter: φ 40 to φ 60mm Allowable load: 20daN to 100daN (\* This is allowable load for one piece of caster.)





H series: P89 to 97
Wheel diameter: \$\phi\$ 32 to \$\phi\$ 80mm
Allowable load: 100daN to 800daN
(\* This is allowable load for one piece
of caster)

Casters with adjuster feet: P149 to 152

Wheel diameter:  $\phi$  40 to  $\phi$  100mm Allowable load: 30daN to 320daN (\* This is allowable load for one piece of caster.)

SUS series: P114 to 133

of caster.)

Wheel diameter:  $\phi$  50 to  $\phi$  150mm

(\* This is allowable load for one piece

Allowable load: 25daN to 250daN





G series: P74 to 77 Wheel diameter: φ 25 to φ 75mm Allowable load: 8daN to 65daN (\* This is allowable load for one piece of caster.)

P series: P134 to 137
Wheel diameter: φ 40 to φ 60mm
Allowable load: 20daN to 100daN
(\* This is allowable load for one piece of caster.)

#### Office chair



G series: P74 to 77 Wheel diameter:  $\phi$  25 to  $\phi$  75mm Allowable load: 8daN to 65daN (\* This is allowable load for one piece of caster.)

P series: P134 to 137 Wheel diameter:  $\phi$  40 to  $\phi$  60mm Allowable load: 20daN to 100daN (\* This is allowable load for one piece of caster.)

## Recommended casters for each environment

#### For water supply system



Made of stainless steel

#### For clean room



SKY series: P141 to 144
Wheel diameter: \$\phi\$ 100 to \$\phi\$ 125mm
Standard load: 10daN to 30daN
(\* This is standard load for one piece of caster.)

Equipped with shock absorber

#### For environment where noise shall not occur



Silence series: P105 to 113 Wheel diameter:  $\phi$  65 to  $\phi$  200mm

Allowable load: 30daN to 200daN (\* This is allowable load for one piece of caster.)

PL series: P103 and 104 Wheel diameter:  $\phi$  100 to  $\phi$  130mm

Allowable load: 80daN to 120daN (\* This is allowable load for one piece of caster)

Silence series

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## 2. Description of Icons on Pages of Products

#### Icons for basic structure



#### Swivel

This is the caster in which both the revolving portion and a wheel rotate.



#### Fixed wheel

lcons for the mounting base

using screws and bolts.

Screw-in Type

ly screwed.

**Angle Type** 

Plate Type

This is the caster in which only a wheel rotates.

This type indicates a caster in

which the mounting base is platy

and a caster can be mounted

This type indicates a caster in

which the stem is threaded and

the caster is mounted by direct-

Insertion Type (Rubber Pipe Type)

This type indicates a caster in

which a rubber pipe is mounted

to a stem and a caster can be

This type indicates a caster that

can be easily mounted to the

directly mounted to the pipe.



## Icons for the revolving portion

#### Single bearing Single

This type indicates a cost-effective caster in which a single thrust bearing is used for the revolving portion.



Single bearing

#### Double bearing

This type indicates a caster in which a double thrust bearing is used for the revolving portion.

#### Other icons



#### Stainless steel

This type indicates a caster having the bracket suitable for water supply system made of stainless steel.



Silence

This type indicates a caster, which is suitable for the environment requiring silence.



#### Equipped with shock absorber

This type indicates a caster equipped with a shock absorber, which absorbs shock during travel-

## RoHS Compliant

#### RoHS Compliant

It shows these casters that conform with RoHS (DIRECTIVE 2002/95/EC).

#### lcons for a stopper

angle.



Angle Type

Equipped with a single stopper This type indicates that a stopper that stops rotation of a



wheel is equipped.



This type indicates that a stopper that stops rotation of the revolving portion is equipped.



This type indicates that a stopper that stops both rotation of a wheel and the revolving portion is equipped.

Equipped with a double stopper



indicates new products.

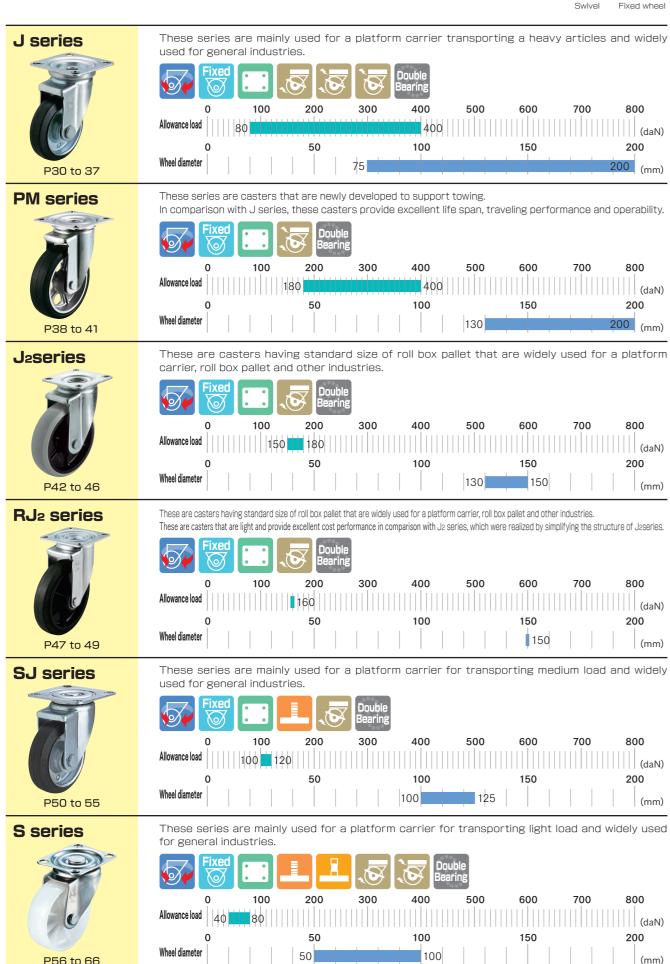
## **Product Information**

## 3. Outline of each Caster Series





















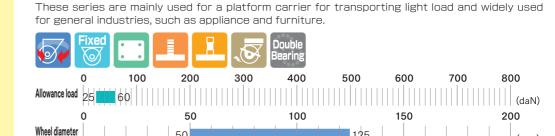






Angle Type Equipped with a Equipped with a Spirally fixing Single bearing Double bearing Stainless steel

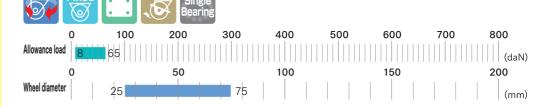




#### G series

These series are mainly used for a platform carrier for transporting light load and widely used for general industries, such as appliance, furniture and copying machine.

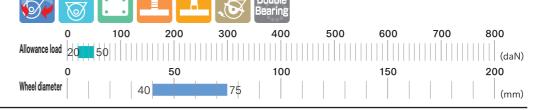


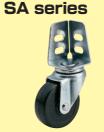


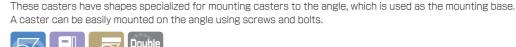
# L series

These series are mainly used for light load and widely used for general industries, such as appliance and furniture.

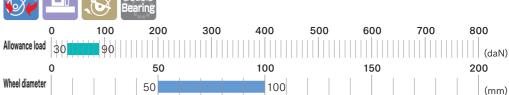








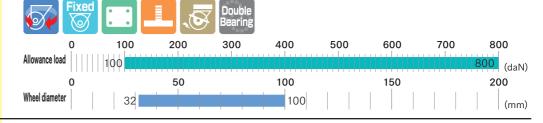




## H series

These casters are low profile heavy duty casters that are widely used for heavy articles, such as large machinery and equipment.

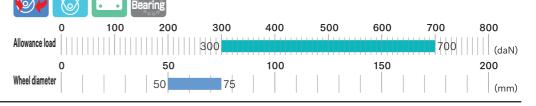




#### **CAL-H series**

These casters are low profile heavy duty casters that are widely used for heavy articles, such as large machinery and equipment. Starting performance of rotation is improved by further lowering the profile of H series.





## **Product Information**

## 3. Outline of each Caster Series



























These series are mainly used for a platform carrier for transporting light load and widely used for general industries, such as appliance. Since all brackets are made of stainless steel, these casters are suitable for water supply system.

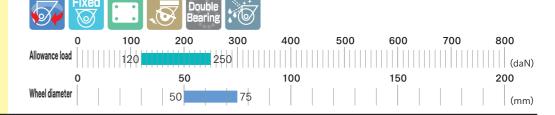




#### SUS-H series

These casters are low profile heavy duty casters that are widely used for heavy articles, such as large machinery and equipment. Since all brackets are made of stainless steel, these casters are suitable for water supply system.

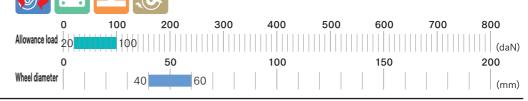




#### P series

These are casters that are widely used for furniture, appliance and copying machine, etc.

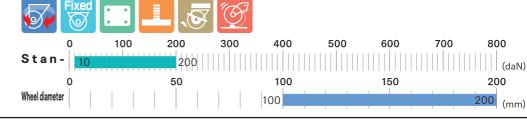




#### **SKY** series

These caster are equipped with a shock absorber providing excellent shock absorbing performance and quiet traveling performance. These casters are equipped with YUEI dumper in which a material based on viscoelastic material is used. Casters having wheel diameter of \$100 and 125 are suitable for transporting precision equipment and parts. Casters having wheel diameter of \$200 are suitable for towing,

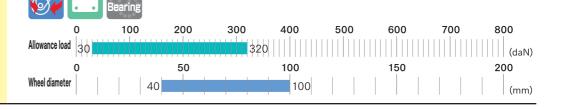




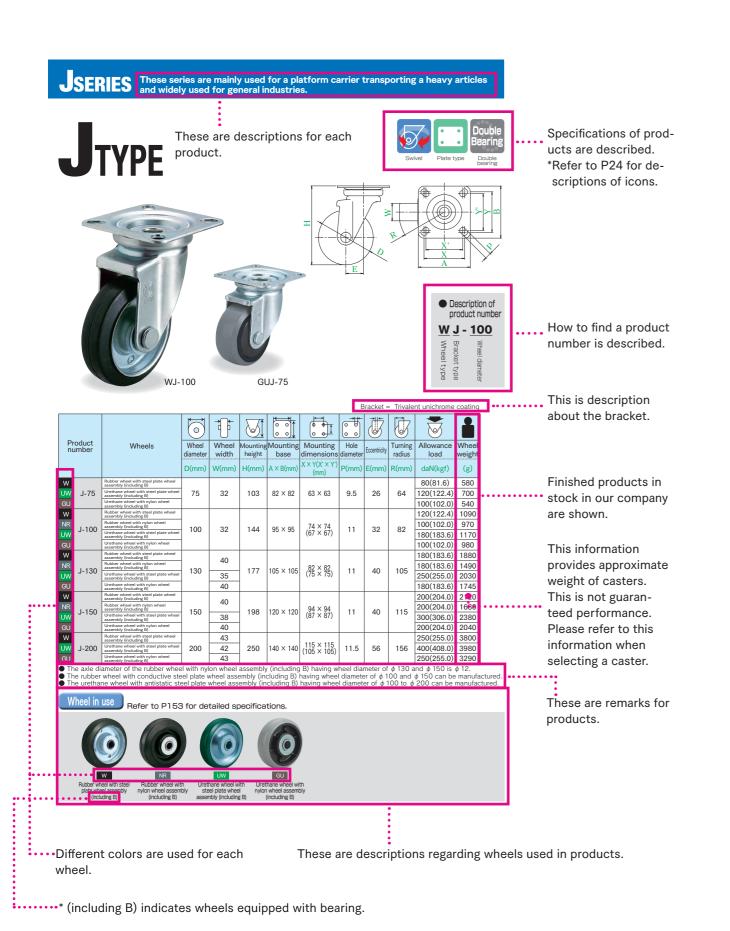
#### Series equipped with adjuster feet

These casters are widely used for transporting machinery and equipment, appliance and furniture, etc. Articles can be easily moved and casters can be firmly fixed using the adjuster.





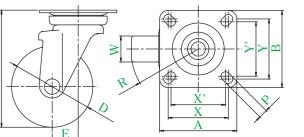
## 4. How to View Pages of Products











Description of product number

**W J - 100** 

Bracket = Trivalent unichrome coating

									iacket -	- IIIvaic	nt unichrome	coatting
Product number		Wheels						0 0				
			Wheel diameter	Wheel width	Mounting height	Mounting base	Mounting dimensions	Hole diameter	Eccentricity	Turning radius	Allowance load	Wheel weight
			D(mm)	W(mm)	H(mm)	A × B(mm)	$X \times Y(X' \times Y')$ (mm)	P(mm)	E(mm)	R(mm)	daN(kgf)	(g)
W	J-75	Rubber wheel with steel plate wheel assembly (including B)	75	32	103	82 × 82	63 × 63	9.5	26	64	80(81.6)	580
UW		Urethane wheel with steel plate wheel assembly (including B)									120(122.4)	700
GU		Urethane wheel with nylon wheel assembly (including B)									100(102.0)	540
W	J-100	Rubber wheel with steel plate wheel assembly (including B)	100	32	144	95 × 95	74 × 74 (67 × 67)	11	32	82	120(122.4)	1090
NR		Rubber wheel with nylon wheel assembly (including B)									100(102.0)	970
UW		Urethane wheel with steel plate wheel assembly (including B)									180(183.6)	1170
GU		Urethane wheel with nylon wheel assembly (including B)									100(102.0)	980
W	J-130	Rubber wheel with steel plate wheel assembly (including B)	130	40	177	105 × 105	82 × 82 (75 × 75)	11	40	105	180(183.6)	1880
NR		Rubber wheel with nylon wheel assembly (including B)									180(183.6)	1490
UW		Urethane wheel with steel plate wheel assembly (including B)		35							250(255.0)	2030
GU		Urethane wheel with nylon wheel assembly (including B)		40							180(183.6)	1745
W	J-150	Rubber wheel with steel plate wheel assembly (including B)	150	40	198	120 × 120	94 × 94 (87 × 87)	11	40	115	200(204.0)	2120
NR		Rubber wheel with nylon wheel assembly (including B)									200(204.0)	1680
UW		Urethane wheel with steel plate wheel assembly (including B)		38							300(306.0)	2380
GU		Urethane wheel with nylon wheel assembly (including B)		40							200(204.0)	2040
W		Rubber wheel with steel plate wheel assembly (including B)	200	43	250	140 × 140	115 × 115 (105 × 105)	11.5	56	156	250(255.0)	3800
UW	J-200	Urethane wheel with steel plate wheel assembly (including B)		42							400(408.0)	3980
GU		Urethane wheel with nylon wheel assembly (including B)		43							250(255.0)	3290

**GUJ-75** 

• The axle diameter of the rubber wheel with nylon wheel assembly (including B) having wheel diameter of  $\phi$  130 and  $\phi$  150 is  $\phi$  12. • The rubber wheel with conductive steel plate wheel assembly (including B) having wheel diameter of  $\phi$  100 and  $\phi$  150 can be manufactured.

lacktriangle The urethane wheel with antistatic steel plate wheel assembly (including B) having wheel diameter of  $\phi$  100 to  $\phi$  200 can be manufactured.

Refer to P153 for detailed specifications.

WJ-100



plate wheel assembly



nylon wheel assembly



