

The characteristics of PM series

Point 1 Long life
Realizing life more than 3 times longer than that of conventional products

In comparison with our general casters, traveling distance of J series casters is more than 3 times longer than that of general casters.
 Since life span of the caster is long, running cost is significantly reduced.

Point 2 Stable traveling performance
Preventing resonance (vibration of casters) during towing!!

Resonance that occurs while towing and significantly reduces life of casters is prevented. Impact on the revolving portion caused by resonance is reduced, and wear of wheels is significantly reduced.

Point 3 Easy operability
Load during turning is reduced for approximately 40%!!

When the caster is rotating, maximum load is applied when operating a truck. For PM series, load during towing is reduced for approximately 40% compared with conventional items.



■ Please feel free to contact following address.

New industrial casters PM SERIES

Realizing life more than 3 times longer than that of conventional products
Load during turning is reduced for approximately 40%!!

※As per our test result

**Long life and
 operate easily!**

**The detail dimension
 is inside!**





Characteristics of wheels

Wheel symbol :WB
[Rubber wheel with steel plate wheel assembly (including B)]

The wheel is widely used and provide elasticity and provide good traveling Performance on uneven road surface. In addition, WB is much cheaper than UWB.

Best suited for towing!!

Wheel symbol :AW
[Rubber wheel with aluminum wheel assembly (including B)]

The wheel assembly portion is made of aluminum die-casting and provides excellent durability. Also, the wheel is suitable for towing.

Wheel symbol :UWB
[Urethane wheel with steel plate wheel assembly (including B)]

The wheel provides high load bearing and durability in which wear is likely to occur while moving. Also, the wheel provides resistance to oil, such as gasoline and general machine oil.

Wheel symbol :GUB
[Urethane wheel with nylon wheel assembly (including B)]

Since the wheel assembly portion is made of resin, this wheel is lighter than the wheel type made of plate.

* (including B) indicates wheels equipped with bearing.

■ Swivel Caster [PMS TYPE]

Product number	Wheels	Wheel diameter (mm)	Wheel width (mm)	Mounting height (mm)	Mounting base (mm)	Mounting dimensions (mm)	Hole diameter (mm)	Eccentricity (mm)	Turning radius (mm)	Allowance load daN (kgf)
PMS-130	WB	130	40	177	110×110	90×90 (80×80)	11	40	105	180 (183.6)
	UWB		35							250 (255.0)
	GUB		40							180 (183.6)
PMS-150	WB	150	40	198	120×120	94×94 (87×87)	11	40	115	200 (204.0)
	AW		42							250 (255.0)
	UWB		38							300 (306.0)
	GUB		40							200 (204.0)
PMS-200	WB	200	43	250	144×144	120×120 (105×105)	11.5	56	156	250 (255.0)
	AW		45							300 (306.0)
	UWB		42							400 (408.0)
	GUB		43							250 (255.0)

■ Swivel Caster [PMS TYPE] Equipped with a lever type double stopper

Product number	Wheels	Wheel diameter (mm)	Wheel width (mm)	Mounting height (mm)	Mounting base (mm)	Mounting dimensions (mm)	Hole diameter (mm)	Eccentricity (mm)	Turning radius (mm)	Allowance load daN (kgf)
PMS-130	WB	130	40	177	110×110	90×90 (80×80)	11	40	138	180 (183.6)
	UWB		35							250 (255.0)
	GUB		40							180 (183.6)
PMS-150	WB	150	40	198	120×120	94×94 (87×87)	11	40	138	200 (204.0)
	AW		42							250 (255.0)
	UWB		38							300 (306.0)
	GUB		40							200 (204.0)
PMS-200	WB	200	43	250	144×144	120×120 (105×105)	11.5	56	156	250 (255.0)
	AW		45							300 (306.0)
	UWB		42							400 (408.0)
	GUB		43							250 (255.0)

■ Fixed Caster [PMR TYPE]

Product number	Wheels	Wheel diameter (mm)	Wheel width (mm)	Mounting height (mm)	Mounting base (mm)	Mounting dimensions (mm)	Hole diameter (mm)	Allowance load daN (kgf)
PMR-130	WB	130	40	177	137×93	100×56	11	180 (183.6)
	UWB		35					250 (255.0)
	GUB		40					180 (183.6)
PMR-150	WB	150	40	198	137×93	100×56	11	200 (204.0)
	AW		42					250 (255.0)
	UWB		38					300 (306.0)
	GUB		40					200 (204.0)
PMR-200	WB	200	43	250	151×102	112×63	11.5	250 (255.0)
	AW		45					300 (306.0)
	UWB		42					400 (408.0)
	GUB		43					250 (255.0)

* (including B) indicates wheels equipped with bearing.