

Casters for Pipe Frames

RoHS 10

■ Fixed Type
PHCHK

■ Swivel Type
PHCH
PHCHS (with Stopper)

*PHCHK100
PHCH100
PHCHS100

Mounting hole dimensions F and G vary according to slotted holes.

The following parts are included with Fixed and Swivel Types.
M8x35 Hex Bolt x2
Spring Washer x2

Type	Main Body		Wheel	Bearing
	M Material	S Surface Treatment	M Material	
PHCHK	SPHC	Trivalent Chromate	Synthetic Rubber	Provided
PHCH				
PHCHS				

Rotation	Part Number		D	P	M	B	H	A	C	F (F ₁)	d	E	G (G ₁)	Color	Allowable Load N (kgf)	Mass kg (Stopper)		Unit Price	
	Type	Type														Not Provided	Provided	No Stopper	With Stopper
Fixed	PHCHK	100	75	8	32	130	110	70	90(80)	10.5	-	50(45)	Black	1177 {120}	0.83	-	-	-	
		130	1765 {180}											1.6	-	-			
		150	1961 {200}											1.9	-	-			
Swivel	PHCH PHCHS (with Stopper)	100	75	8	32	130	90	90	71(68)	10.5	30	71(68)	Black	1177 {120}	1.06	1.16	-	-	
		130	1765 {180}											2.0	2.16	-			
		150	1961 {200}											2.34	2.54	-			

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No Stopper

With Stopper

■ Frame Insert Type*
PHCHF

* Tighten with a wrench for pipe inserts (PFSP).
PHCHFS (with Stopper)

Type	Main Body		Wheel	Bearing
	M Material	S Surface Treatment	M Material	
PHCHF	SPHC	Trivalent Chromate	See below.	Provided
PHCHFS				

Part Number	Wheel Material	Component / Color	d ₁	B	H	J	E	Wrench Width mm	Mass kg	Unit Price				
										R (Synthetic Rubber)	N (Nylon)	U (Urethane)	T (Conductive Rubber)	M (MC Nylon)
PHCHF	50	R (Synthetic Rubber, Black)*1	24	20	70	36	22	14	0.18					
	75	N (Nylon, White)2												
	100	M (MC Nylon, Navy-blue)*2,3												
PHCHFS (with Stopper)	50	U (Urethane, Brown)4	24	20	70	36	22	14	0.18					
	75	T (Conductive Rubber, Black)5												
	100	C (Iron: FC20 Bright Chromate)*2,6												

*1: The color of synthetic rubber D75 is gray. *2: Only 50 and 75 are available for D.

D	Allowable Load N {kgf}				
	R (Synthetic Rubber)	N (Nylon)	U (Urethane)	T (Conductive Rubber)	C (Iron: FC20)
50	343{35}	392{40}	392{40}	343{35}	392{40}
75		784{80}	686{70}	588{60}	784{80}
100	588{60}	588{60}	588{60}	490{50}	-

■ Plastic Joint Insert Type
PHCHPJ

*JBS009 Use a wrench JBS009 on P904.

Type	Main Body		Wheel	Bearing
	M Material	S Surface Treatment	M Material	
PHCHPJ	SPHC	Trivalent Chromate	Synthetic Rubber	Provided

To be Inserted	Part Number		d ₁	B	H	J	E	Wrench Width mm	Color	Allowable Load N (kgf)	Mass kg	Unit Price
Plastic* Joint	Type	D										
	PHCHPJ	50	28	20	67	28	22	17	Black	343 {35}	0.19	

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■ Wrenches for Frame Insert
PFSP14

PFSP21

M Material SPCC

Part Number	Applicable Caster	Mass (g)	Unit Price	Ordering Example	Part Number	Wheel Material
PFSP	14	50	18	PHCHK100 PHCHF50 PFSP14	-	R
	21	75, 100	58			