

Expanded Series

Oilless Bushing (KPB)

Straight Type

● Order No. Example

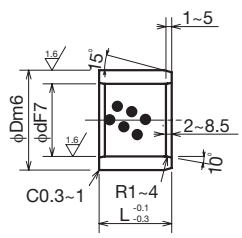
KPB 06 10 08

Type Inner Diameter d Outer Diameter D Total Length L

Oilless Bushing No.

An oilless sliding bearing which shows its great effectiveness in places which are difficult to oil, or where the lubricating effect cannot be maintained.

With a high-strength brass base and embedded solid lubricant, it is an oilless type which can be used in places with a high load.



Oilless Bushing/Straight Type
KPB Series

Meeting all of your size requirements.

Type	Inner Diameter d	Outer Diameter D	Total Length L	Weight g	¥
KPB	05	09	08	2	
			10	3	
			12		
	06	10	08	3	
			10	4	
			12		
			15		
	08	12	08	3	
			10	4	
			12	5	
			15	6	
			20	8	
			25	10	
	10	14	08	4	10
			10	5	
			15		
			20		
			25		
			30		
	12	18	08	10	
			10		
			12		
			15		
			16		
20			20		
25			30		
13	19	10	10		
		12			
		15			
		20			20
		25			20

Type	Inner Diameter d	Outer Diameter D	Total Length L	Weight g	¥				
KPB	13	19	30	30					
			35	30					
	14	20	10						
			12		10				
			15		20				
			20						
			25						
			15		21	30	30		
	10	10							
	12	20							
	15								
	16								
	20								
	16	22		25		30			
				30					
				35					40
				40					10
			10						
			12						
	16	22	15	20					
			16						
			20						
			25			30			
			30			30			
			35			40			
			40			20			
			15						
	17	23	15	20					
			10	10					
	18	24	12	20					
15									
16									
20									
25			30						
25			30						



Order Method

Oilless Bushing No. and Quantity



Precautions

* Since we also manufacture sizes other than those in the catalog upon request, please contact our sales offices for details.



Postage

3-day shipping

* Single order system available



Guide

* Embedding into the sprocket/timing pulley/gear is also possible. Refer to the Semi-F page for details.

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Straight Type

Lubrication conditions	Non-lubricated	Regular lubrication
Limit of operating temperature °C	-40 - +200	-40 - +150
Allowable maximum surface pressure P N/mm ² (kgf/cm ²)	29 (296)	
Allowable maximum sliding speed V m/s (m/min)	0.5 (30)	1.0 (60)
Allowable maximum PV value N/mm ² /m/s (kgf/cm ² /m/min)	1.65 (1000)	3.25 (2000)

(Note) The conditions of use given above are a guideline for situations of general use, but please take care since these might vary greatly depending on the opposing material/hardness, etc.

Type	Inner Diameter d	Outer Diameter D	Total Length L	Weight g	¥	Type	Inner Diameter d	Outer Diameter D	Total Length L	Weight g	¥				
KPB	18	24	30	40		KPB	25	33	60	140					
			35						12	40					
			40	15											
	20	28	10	20					25	35	35	16	50		
			12									20	60		
			15	30	25							70			
			16		30							90			
			20	40	40							120			
			25	50	50							150			
			30	60	60							180			
			35	70	20							60			
			40	80	25							80			
			50	90	30							100			
			60	110	40							130			
			25	30	10							20		25	38
	12	30			15		40								
	15	40			20		50								
	16				25		70								
	20	50			30		80								
	25	60			35		90								
	30	70			40		110								
	35	90			50		130								
	40	100			60		160								
	50	120			70		190								
	25	33	12	30			25	40	40	12	40				
			15							15	50				
			16	40	20					70					
			20	50	25					90					
			25	60	30					100					
			30	70	35					120					
			35	80	40					140					
			40	90	50					170					
50	110														



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Semi-F Series
& FITLINK

Roller
Chains

Chain
Accessories

Idlers &
Tensioners

Sprockets

Oilless
Bushings

Transmission
Accessories

Conveyor Chains/
Sprockets

Chain
Couplings

Resin Halls

Triple Speed/Center
[Transparent] Chains

Timing Belts/
Pulleys/Ranges

Shaft Collars

Pinions/Racks/
Miter Gears

Imperfect
Products

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Order No. Example

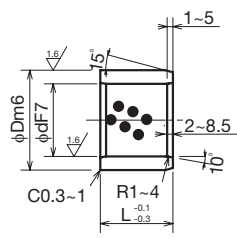
KPB 30 40 60

Type Inner Diameter d Outer Diameter D Total Length L

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Type	Inner Diameter d	Outer Diameter D	Total Length L	Weight g	¥	
KPB	30	40	60	210		
			30			
			40	100		
	32	42	20	70		
			30	110		
			40	150		
			20	70		
	35	44	25	90		
			30	100		
			35	120		
			40	140		
			50	170		
			60	210		
			70	240		
			20	80		
			25	100		
			30	120		
			35	140		
	40	50	40	160		
			50	200		
			60	240		
			20	90		
			25	110		
			30	130		
			35	150		
			40	180		
	45	55	50	220		
			60	260		
70			310			
80			350			
30			150			
35			170			
40			200			

Type	Inner Diameter d	Outer Diameter D	Total Length L	Weight g	¥			
KPB	45	55	50	250				
			60	290				
			30	230				
	45	60	35	270				
			40	310				
			50	390				
			60	460				
			70	540				
			80	620				
			20	110				
			30	160				
	50	60	35	190				
			40	220				
			50	270				
			60	320				
			70	380				
			80	430				
			30	200				
			35	230				
			40	260				
			50	62	50	330		
					60	400		
					70	460		
	80	530						
	30	250						
	40	340						
	50	420						
	60	510						
	50	65	70	590				
			80	680				
100			850					
30			250					



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