

Flanged Linear Bushing Standard Type

-Center Flanged Double-

Price Reduction

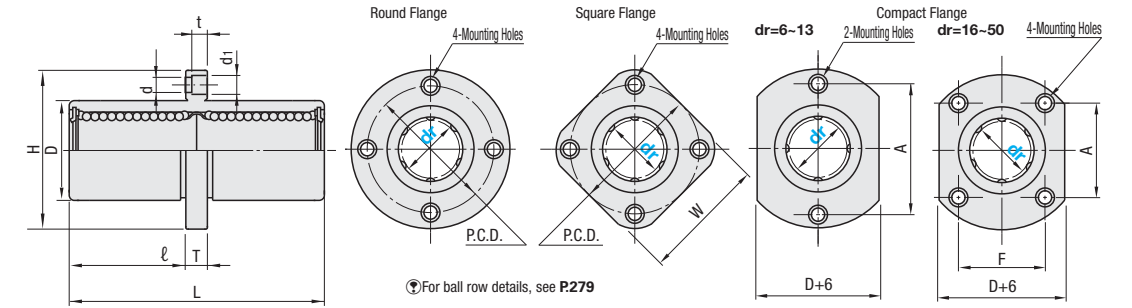
CAD Data

Flange Type Height-adjusting Spacers can be select from P.288

RoHS10



Type			Outer Cylinder			Steel balls	Retainer	Ambient Operating Temp.	Accessory
Round Flange	Square Flange	Compact Flange	Material	Hardness	Surface Treatment	Material	Material		
LHMRW	LHMSW	LHMCW	1.3505/100Cr6	58HRC~	Electroless Nickel Plating	1.3505/100Cr6	Plastic (Duracon M90 equivalent)	-20~80°C	Seals Material Nitrile Rubber (-20~120°C)
LHMRWF	LHMSWF	LHMCWF					1.4125/X105CrMo17	-20~110°C	
LHMRWM	LHMSWM	LHMCWM	1.4125/X105CrMo17	56HRC~	-	1.4125/X105CrMo17	Plastic (Duracon M90 equivalent)	-20~80°C	
LHMRWMF	LHMSWMF	LHMCWMF					1.4125/X105CrMo17	-20~110°C	
SLHMRW	SLHMSW	SLHMCW	1.4125/X105CrMo17	-	-	1.4125/X105CrMo17	Plastic (Duracon M90 equivalent)	-20~80°C	
SLHMRWF	SLHMSWF	SLHMCWF					1.4125/X105CrMo17	-20~120°C	



dr	D Tolerance	L Tolerance	Basic Load Rating			Allowable Static Moment (Nm)			Mass(g)		
			C (Dynamic) N	Co (Static) N	Round Flange	Square Flange	Compact Flange				
6	12 0	35	324	529	2.18	31	25	28			
8	15 -0.013	45	431	784	4.31	51	43	47			
10	19 0	55	588	1100	7.24	98	78	90			
12	21 -0.010	61	657	1200	10.9	110	90	102			
13	23 0	61	813	1570	11.6	130	108	123			
16	28 0	70	1230	2350	19.7	190	165	182			
20	32 0	80	1400	2740	26.8	260	225	247			
25	40 -0.012	112	1560	3140	43.4	540	500	525			
30	45 0	123	2490	5490	82.8	680	590	645			
35	52 0	135	2650	6270	110	1020	930	945			
40	60 -0.014	151	3430	8040	147	1570	1380	1423			
50	80 0	192	6080	15900	397	3600	3400	3437			

For linear bushings, hardened shafts with g6 tolerance are recommended. P.107-195 * Perpendicularity of D part to flange mounting surface kgf=Nx0.101972

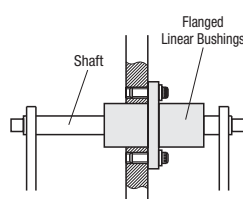
Quantity	Price			Days to Ship
	Rate	€ Unit Price	Standard	
1-19	5%	10%	18%	Standard
20-34	5%	10%	18%	
35-49	5%	10%	18%	Standard
50-99	5%	10%	18%	
100+	5%	10%	18%	Standard

dr	Round Flange				Square Flange				Compact Flange					
	LHMRW	LHMRWF	LHMRWM	LHMRWMF	SLHMRW	SLHMRWF	SLHMRWM	SLHMRWMF	LHMCW	LHMCWF	LHMCWM	LHMCWMF	SLHMCW	SLHMCWF
6														
8														
10														
12														
13														
16														
20														
25														
30														
35														
40														
50														

Order Example Part Number
 LHMCW25L (L Type Greased)
 LHMCW25G (G Type Greased)
 LHMCW25H (H Type Greased)

Example

When a long stroke distance is required, use of longer bushings is recommended.



Days to Ship 6 Days P.87
 2 Days



Flanged Linear Bushing Compact / With Female Thread Holes

-Center Flanged Double-

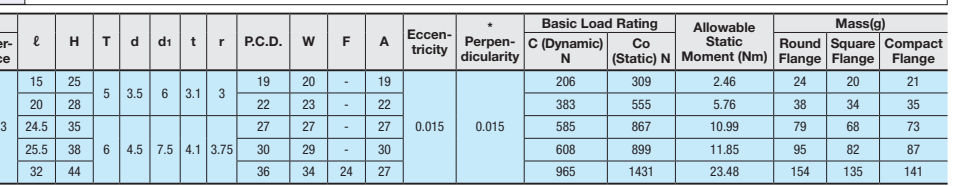
CAD Data

Features: 4 to 5mm smaller in flange diameter (H Dimension) and 2mm smaller in outer diameter (D dimension) than Standard Type. Standard and Compact Comparison P.280

Compact Type



Type	Outer Cylinder	Steel balls	Retainer	Ambient Operating Temp.	Accessory
Round Flange	Material	Material	Material		
LHMRKW	1.3505/100Cr6	1.3505/100Cr6	Plastic (Duracon M90 equivalent)	-20~80°C	Seals Material Nitrile Rubber (-20~120°C)



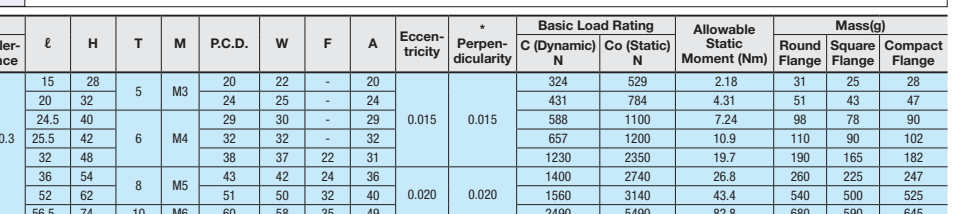
For linear bushings, hardened shafts with g6 tolerance are recommended. P.107-195 * Perpendicularity of D part to flange mounting surface kgf=Nx0.101972

Features: (1) Cost for tapping can be reduced. (2) Effective for connecting soft materials (3) Can be screw tightened from above.

Female Thread Type



Type	Outer Cylinder	Steel balls	Retainer	Ambient Operating Temp.	Accessory
Round Flange	Material	Material	Material		
LHMTRW	1.3505/100Cr6	1.3505/100Cr6	Plastic (Duracon M90 equivalent)	-20~80°C	Seals Material Nitrile Rubber (-20~120°C)



For linear bushings, hardened shafts with g6 tolerance are recommended. P.107-195 * Perpendicularity of D to flange mounting surface kgf=Nx0.101972

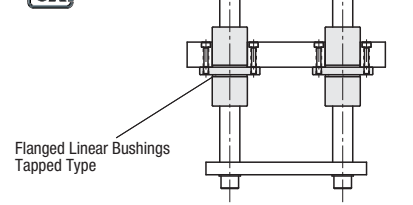
Quantity	Price			Days to Ship
	Rate	€ Unit Price	Standard	
1-19	5%	10%	18%	Standard
20-34	5%	10%	18%	
35-49	5%	10%	18%	Standard
50-99	5%	10%	18%	
100+	5%	10%	18%	Standard

dr	Compact Type			Female Thread Type		
	Round Flange	Square Flange	Compact Flange	Round Flange	Square Flange	Compact Flange
6	LHMRKW	LHMSKW	LHMCKW	LHMTRW	LHMTSW	LHMTCW
8						
10						
12						
16						
20						
25						
30						

Order Example Part Number
 LHMRKW12L (L Type Greased)
 LHMRKW12G (G Type Greased)
 LHMRKW12H (H Type Greased)

Days to Ship 6 Days P.87

Example



Alternative grease types available. For Days to Ship, Price and Performance, refer to P.272