

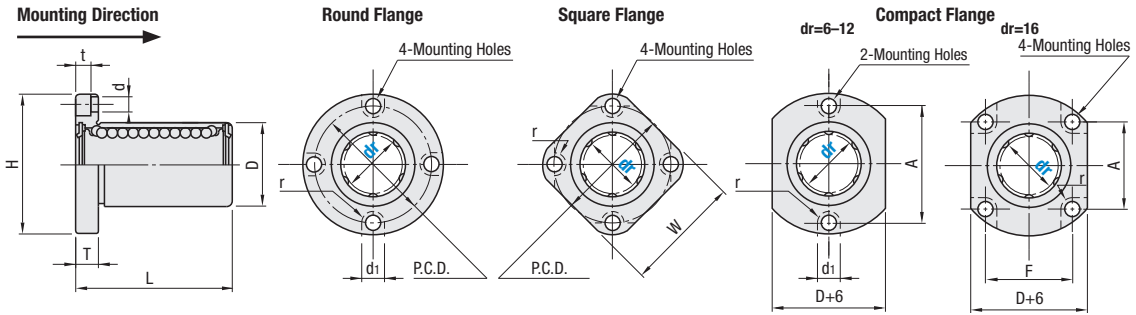
Flanged Linear Bushings (Single)

Compact Type / Single

Flanged Linear Bushings (Single) – Compact Type



Type			Outer Cylinder			Balls	Retainer	Ambient Operating Temp.	Accessories
Round Flange	Square Flange	Compact Flange	Material	Hardness	Surface Treatment	Material	Material		
LHRK	LHSK	LHCK	52100 Bearing Steel Equivalent	58 HRC min.	—	52100 Bearing Steel Equivalent	Plastic (Duracon M90 Equivalent)	-20–80°C	Seal Material Nitrile Rubber (-20–120°C)
LHRKM	LHCKM	LHCKM			Electroless Nickel Plating	440C Stainless Steel Equivalent			



kgf=Nx0.101972

dr	ToL.	D Tolerance		L ToL.	H	T	d	d ₁	t	r	P.C.D.	W	F	A	Eccentricity	Rows of Balls	*Perpendicularity	Basic Load Rating			Mass(g)		
		No Surface Treatment	Surface Treatment															C (Dynamic) N	Co (Static) N	Round Flange	Square Flange	Compact Flange	
6	-0.009	10	0 -0.011	19	25	5	3.5	6	3.1	3	19	20	—	19	0.012	6	0.012	131	155	18	14	15	
8		13	0 0	24	28						22	23	—	22				235	277	27	22	24	
10		17	-0.013 -0.018	29	35	27	27	—	27	368	433	52	41	46									
12		19	0 0	30	38	6	4.5	7.5	4.1	3.75	30	29	—	30				381	449	64	50	55	
16		26	-0.016 -0.021	37	44	36	34	24	27	608	716	96	77	83									

ⓘ For Precautions for Use, see P.369. ⓘ For linear bushings, hardened shafts with g6 tolerance are recommended. P.202–288
 *Perpendicularity of D part to flange mounting surface



Part Number Example

Part Number

- LHRK12
- LHRK12 (L Type Greased)
- LHRK12L (G Type Greased)
- LHRK12G (H Type Greased)

ⓘ Alternative grease types available.



Application Example

For two linear bushings of Compact type, their mounting plate is 6–10 mm smaller than that for Standard Type.

