

Flanged Linear Bushings

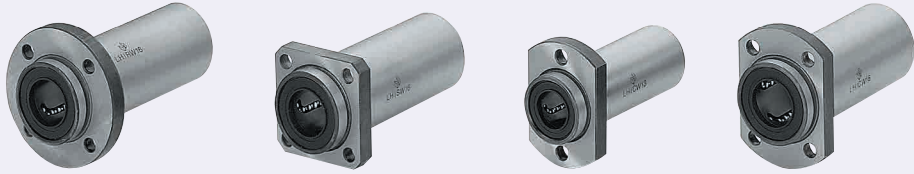
Double, Pilot

= For customers using industry standard products =

The part enclosed in the red frame is as per industry standard specifications (Outer cylinder SUJ2 equivalent, Retainer resin). Consider these specifications while selecting the product.

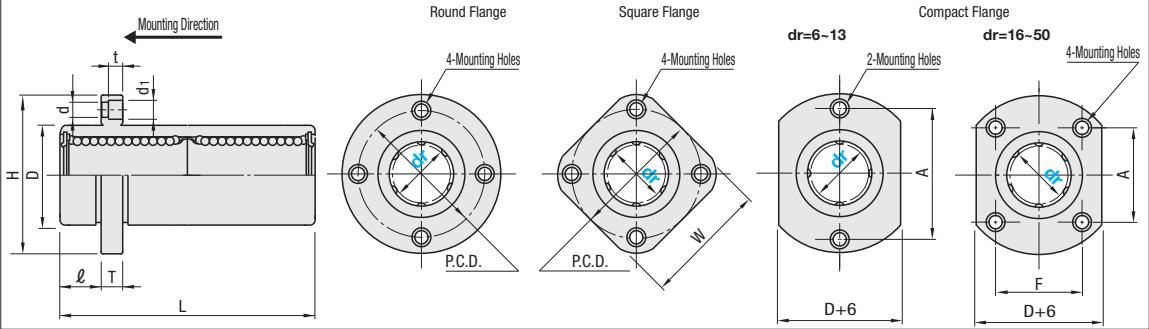
Features: Easy to assemble with bolt-on flanges. The linear bushing does not protrude out on the front side for good space utilization.

Industry Standard



RoHS10

Type			Outer Cylinder			Balls	Retainer	Ambient Operating Temp.	Accessory
Round Flange	Square Flange	Compact Flange	Material	Hardness	Surface Treatment	Material	Material		
LHIRW	LHISW	LHICW	SUJ2 Equivalent	58HRC~	-	SUJ2 Equivalent	Plastic (Duracon M90 Equivalent)	-20~ 80°C	Seal Material Nitrile Rubber (-20~120°C)
LHIRWF	LHISWF	LHICWF					Stainless Steel (SUS)	-20~110°C	
LHIRWM	LHISWM	LHICWM					Plastic (Duracon M90 Equivalent)	-20~ 80°C	
LHIRWMF	LHISWMF	LHICWMF					Stainless Steel (SUS)	-20~110°C	
SLHIRW	SLHISW	SLHICW	SUS440C Equivalent	56HRC~	-	Plastic (Duracon M90 Equivalent)	-20~ 80°C		
SLHIRWF	SLHISWF	SLHICWF				Stainless Steel (SUS)	-20~120°C		



dr	Tolerance	D Tolerance		L	Tolerance	ℓ	H	T	d	d1	t	P.C.D.	W	F	A	Essentiality	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		12	0	35		5	28	5	3.5	6	3.1	20	22	-	20	0.015	4	0.015	324	529	2.18	31	25	28
8		15	-0.013	45		5	32	5	4.5	7.5	4.1	24	25	-	24	0.020	5	0.020	431	784	4.31	51	43	47
10	0	19	-0.016	55		6	40	6	6.6	11	6.1	29	30	-	29	0.025	6	0.025	588	1100	7.24	98	78	90
12	-0.010	21	0	57		6	42	6	6.6	11	6.1	32	32	-	32	0.025	6	0.025	657	1200	10.9	110	90	102
13		23	-0.016	61		6	43	6	6.6	11	6.1	33	34	-	33	0.025	6	0.025	813	1570	11.6	130	108	123
16		28	-0.022	70		8	48	8	6.6	11	6.1	38	37	22	31	0.025	6	0.025	1230	2350	19.7	190	165	182
20		32	0	80	±0.3	8	54	8	6.6	11	6.1	43	42	24	36	0.020	5	0.020	1400	2740	26.8	260	225	247
25	0	40	-0.019	112		8	62	8	6.6	11	6.1	51	50	32	40	0.020	5	0.020	1560	3140	43.4	540	500	525
30	0	45	-0.025	123		10	74	10	6.6	11	6.1	60	58	35	49	0.025	6	0.025	2490	5490	82.8	680	590	645
35	0	52	0	135		10	82	10	6.6	11	6.1	67	64	38	55	0.025	6	0.025	2650	6270	110	1020	930	945
40	-0.015	60	-0.022	151		13	96	13	6.6	11	6.1	78	75	45	64	0.025	6	0.025	3430	8040	147	1570	1380	1423
50		80	-0.030	192		13	116	13	6.6	11	6.1	98	92	56	80	0.025	6	0.025	6080	15900	397	3600	3400	3437

For Precautions for Use, see P303.

Select Height-adjusting Spacers for Flanged Bushings from P330.

* Perpendicularity of D to flange mounting surface kgf=Nx0.101972

dr	Unit Price																		
	Round Flange				Square Flange				Compact Flange										
	LHIRW	LHIRWF	LHIRWM	LHIRWMF	SLHIRW	SLHIRWS	LHISW	LHISWF	LHISWM	LHISWMF	SLHISW	SLHISWS	LHICW	LHICWF	LHICWM	LHICWMF	SLHICW	SLHICWS	
6																			
8																			
10																			
12																			
13																			
16																			
20																			
25																			
30																			
35																			
40																			
50																			



Part Number
LHIRW8
 ● LHIRW8L (L Type Greased)
 ● LHIRW8G (G Type Greased)
 ● LHIRW8H (H Type Greased)

Alternative grease types available.
 For Days to Ship, Price and Performance, see P304.

