

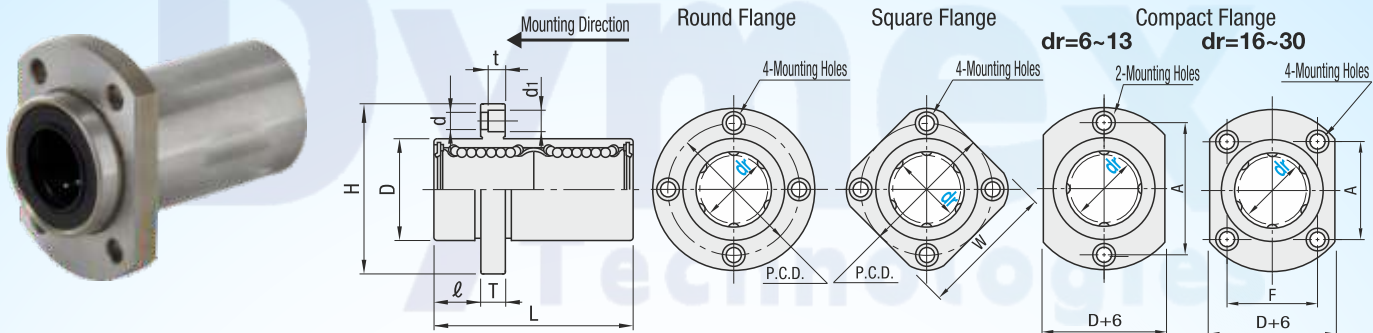
Flanged Linear Bushings

Medium, Pilot



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

Type			Outer Cylinder			Balls	Retainer	Ambient Operating Temp.	A Accessory
Round Flange	Square Flange	Compact Flange	M Material	H Hardness	S Surface Treatment	M Material	M Material		Seal M Material
DLHIRD	DLHISD	DLHICD	SUJ2 Equivalent	58HRC~	—	SUJ2 Equivalent	Plastic (Duracon M90 Equivalent)	-20~80°C	Nitrile Rubber (-20~120°C)



- Body length is approximately 1.5 times of single type, and allowable moment is approximately 4.3 times. (See Allowable Load Comparison)
- For Piloted and Flanged Type application examples

Part Number			D		L		ℓ	H	T	d	d _i	t	P.C.D	W	F	A	Eccentricity	Rows of Balls	* Perpendicularity	Basic Load Rating		Allowable Static Moment (N · m)	Mass (g)		
Type	dr	Tolerance	Tolerance		Tolerance															C (Dynamic) N	Co (Static) N		Round Flange	Square Flange	Compact Flange
DLHIRD DLHISD DLHICD	6	0 -0.010	12	0	29	±0.3	5	28	5	3.5	6	3.1	20	22	—	20	0.015	4	0.015	226	310	1.42	27	21	24
	8		15	-0.013	37			32					24	25	—	24				310	452	2.12	47	39	43
	10		19					40					29	30	—	29				508	718	4.37	85	65	77
	12		21	0	47		6	42	6	4.5	7.5	4.1	32	32	—	32				634	814	6.2	89	69	81
	13		23	-0.016				43					33	34	—	33				640	826	6.2	109	87	102
	16	28			56			48				37	22	22	31	1164	1448	13.1	157	132	149				
	20	0 -0.012	32	0	65		8	54	8	5.5	9	5.1	42	24	24	36	0.02	5 6	0.02	1554	2068	18.3	232	197	219
	25		40	-0.019	83			62					50	32	32	40				1725	3068	25.3	481	442	452
	30		45		90		10	74	10	6.6	11	6.1	6.1	58	35	49				2440	3974	42.7	560	482	494

* Perpendicularity of D to flange mounting surface

kgf=Nx0.101972

Basic Specifications

- Type - Pilot Flange
- Flange Type - SUJ2 Equivalent
- Outer Sleeve Surface Treatment - No Surface Treatment
- Ball Recirculating Type - Double
- Ball Material - SUJ2 Equivalent
- Counterbored Hole - Standard
- Environmentally Friendly - RoHS Compliant (10 Substances)
- Style - Standard

- Lubrication Type - Not Provided
- Motion - Linear
- Retainer Material - Plastic (Duracon M90 Equivalent)
- Characteristics/Applications - Not Applicable
- Outer Sleeve Material - SUJ2 Equivalent
- Accuracy - High Grade
- Linear Motion / Rotational Motion - Linear Bushing (Linear Motion Only)
- Seal - With Seal

ORDERING GUIDE



DLHIRD12

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