

Linear Bushings with Lubrication Unit MX

Flanged Double / Center Flanged Double

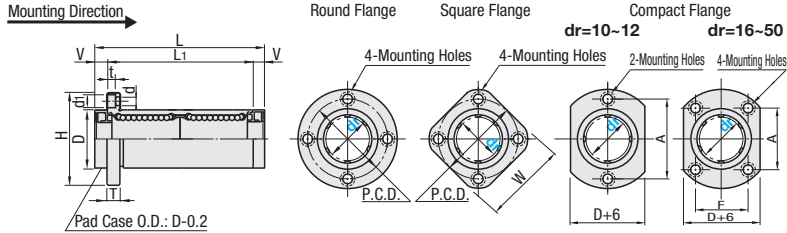
Lubrication Unit **MX** realizes maintenance free.

■ **Features:** Easy to assemble with bolt-on flanges.

MISUMI Original



Type			Outer Cylinder			Balls	Pad Case / Retainer	Ambient Operating Temp.	Accessory
Round Flanged	Square Flanged	Compact Flanged	M Material	H Hardness	S Surface Treatment	M Material	M Material	Temp.	Seal M Material
LHFRW-MX	LHFSW-MX	LHFCW-MX	SUJ2 Equivalent	58HRC~	-	SUJ2 Equivalent	Plastic (Duracon M90 Equivalent)	-20~80°C	Seal M Material Nitrile Rubber
LHFRWM-MX	LHFSWM-MX	LHFCWM-MX			Electroless Nickel Plating (SUS400 Equivalent)				



■ No need to fill with grease prior to use because the product is already filled with lithium soap-based grease in addition to the built-in lubrication unit.

Part Number	Type	dr	D Tolerance		L	L1 Tolerance	V	H	T	d	d1	t	P.C.D.	W	F	A	Eccentricity	Rows of Balls	Perpendicularity	Basic Load Rating			Allowable Static Moment (Mo N·m)	Mass (g)		
			No Surface Treatment	Surface Treatment																C (Dynamic) N	N Co (Static) N	Co (Static) N		Round Flange	Square Flange	Compact Flange
LHFRW-MX	10	0	19	0	65	55	5	40	6	4.5	7.5	4.1	29	30	-	29	0.015	4	0.015	588	1100	7.24	102	82	94	
LHFRW-MX	12	-0.010	21	-0.016	68	57	5.5	42	6	4.5	7.5	4.1	32	32	-	32	0.015	4	0.015	657	1200	10.9	114	94	106	
LHFRW-MX	16	0	28	0	82	70	6	48	8	5.5	9	5.1	38	37	22	31	0.020	5	0.020	1230	2350	19.7	197	172	189	
LHFRW-MX	20	0	32	0	94	80	7	54	8	5.5	9	5.1	43	42	24	36	0.020	5	0.020	1400	2740	26.8	271	236	258	
LHFRW-MX	25	-0.012	40	-0.019	130	112	9	62	10	6.6	11	6.1	51	50	32	40	0.025	6	0.025	1560	3140	43.4	559	519	544	
LHFRW-MX	30	0	45	0	143	123	10	74	11	8.2	12	6.7	60	58	35	49	0.025	6	0.025	2490	5490	82.8	704	614	669	
LHFRW-MX	35	0	52	0	157	135	11	82	13	9	14	8.1	67	64	38	55	0.025	6	0.025	2650	6270	110	1048	958	973	
LHFRW-MX	40	-0.015	60	-0.022	175	151	12	96	13	9	14	8.1	78	75	45	64	0.025	6	0.025	3430	8040	147	1603	1413	1456	
LHFRW-MX	50	0	80	0	220	192	14	116	13	9	14	8.1	98	92	56	80	0.025	6	0.025	6080	15900	397	3663	3463	3500	

⚠ For Precautions for Use, see P.303. ⚠ Select Height-adjusting Spacers for Flanged Bushings from P.330. * Perpendicularity of D to flange mounting surface kgf=Nx0.101972

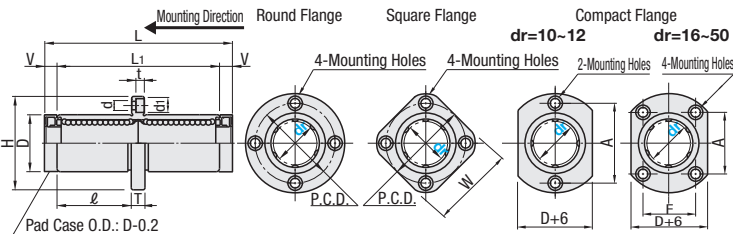
Lubrication Unit **MX** realizes maintenance free.

■ **Features:** Easy to assemble with bolt-on flanges. A load can be placed near the center of the bushing, evenly distributing the load and space.

MISUMI Original



Type			Outer Cylinder			Balls	Pad Case / Retainer	Ambient Operating Temp.	Accessory
Round Flanged	Square Flanged	Compact Flanged	M Material	H Hardness	S Surface Treatment	M Material	M Material	Temp.	Seal M Material
LHMRW-MX	LHMSW-MX	LHMCW-MX	SUJ2 Equivalent	58HRC~	-	SUJ2 Equivalent	Plastic (Duracon M90 Equivalent)	-20~80°C	Seal M Material Nitrile Rubber



■ No need to fill with grease prior to use because the product is already filled with lithium soap-based grease in addition to the built-in lubrication unit.

⚠ For Center Flanged Type application examples, see P.314.

Part Number	Type	dr	D Tolerance		L	L1 Tolerance	V	H	T	d	d1	t	P.C.D.	W	F	A	Eccentricity	Rows of Balls	Perpendicularity	Basic Load Rating			Allowable Static Moment (Mo N·m)	Mass (g)		
			No Surface Treatment	Surface Treatment																C (Dynamic) N	N Co (Static) N	Co (Static) N		Round Flange	Square Flange	Compact Flange
LHMRW-MX	10	0	19	0	65	55	5	24.5	40	6	4.5	7.5	4.1	29	30	-	29	0.015	4	0.015	588	1100	7.24	102	82	94
LHMRW-MX	12	-0.010	21	-0.016	68	57	5.5	25.5	42	6	4.5	7.5	4.1	32	32	-	32	0.015	4	0.015	657	1200	10.9	114	94	106
LHMRW-MX	16	0	28	0	82	70	6	32	48	8	5.5	9	5.1	38	37	22	31	0.020	5	0.020	1230	2350	19.7	197	172	189
LHMRW-MX	20	0	32	0	94	80	7	36	54	8	5.5	9	5.1	43	42	24	36	0.020	5	0.020	1400	2740	26.8	271	236	258
LHMRW-MX	25	-0.012	40	-0.019	130	112	9	52	62	10	6.6	11	6.1	51	50	32	40	0.020	6	0.020	1560	3140	43.4	559	519	544
LHMRW-MX	30	0	45	0	143	123	10	56.5	74	11	8.2	12	6.7	60	58	35	49	0.025	6	0.025	2490	5490	82.8	704	614	669
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LHMRW-MX	50	0	80	0	220	192	14	89.5	116	13	9	14	8.1	98	92	56	80	0.025	6	0.025	6080	15900	397	3663	3463	3500

⚠ For Precautions for Use, see P.303. ⚠ Select Height-adjusting Spacers for Flanged Bushings from P.330. * Perpendicularity of D to flange mounting surface kgf=Nx0.101972

dr	Flanged, Double						Center Flanged Double					
	Round Flange		Square Flange		Compact Flange		Round Flange		Square Flange		Compact Flange	
	LHFRW-MX	LHFRWM-MX	LHFSW-MX	LHFSWM-MX	LHFCW-MX	LHFCWM-MX	LHMRW-MX	LHMSW-MX	LHMCW-MX	LHMRWM-MX	LHMSWM-MX	LHCMCW-MX
10	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
12	1 - 9 pcs.	10-20 pcs.	1 - 9 pcs.	10-20 pcs.	1 - 9 pcs.	10-20 pcs.	1 - 9 pcs.	10-20 pcs.	1 - 9 pcs.	10-20 pcs.	1 - 9 pcs.	10-20 pcs.
16												
20												
25												
30												
35												
40												
50												

Ordering Example
Part Number
LHFRW-MX16
LHMSW-MX20

⚠ For orders larger than indicated quantity, please request a quotation.

⚠ Various Grease Application Services are not applicable.