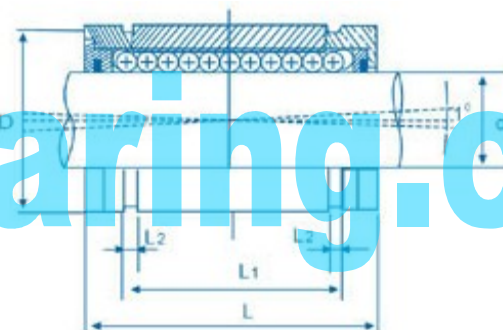


# Super Linear Motion Bearings-Linear Ball Busings 超级直线轴承

## LMBS..UU Series



### Self-Aligning Linear Bushing



www.mvbbearing.com

标准型 Standard Type LMBS...	密封型 Sealed Type LMBS..UU	钢球列数 Ball circuit	重量 Weight (lbs)	dr			主要尺寸和公差 Major dimensions and tolerance(mm)				额定负荷 Basic load rating	
				公称轴径 Nominal shaft dia. Inch	公称轴径 Nominal shaft dia. mm	公差 Tolerance mm	D <sup>1)</sup>	L	L <sub>1</sub>	L <sub>2</sub> min	动负荷 Dynamic C lbf	静负荷 Static Co lbf
							mm	mm	mm	mm		
LMBS4	LMBS4UU	4	0.01	1/4	0.2500	0 -0.0005	0.5000	0.750/0.735	0.511/0.501	0.04	57	49
LMBS6	LMBS6UU	4	0.02	3/8	0.3750		0.6250	0.875/0.860	0.699/0.689	0.04	78	66
LMBS8	LMBS8UU	4	0.05	1/2	0.5000		0.8750	1.250/1.230	1.032/1.012	0.05	190	190
LMBS10	LMBS10UU	5	0.08	5/8	0.6250		1.1250	1.500/1.480	1.105/1.095	0.06	290	340
LMBS12	LMBS12UU	6	0.14	3/4	0.7500		1.2500	1.625/1.605	1.270/1.250	0.06	500	430
LMBS16	LMBS16UU	6	0.29	1	1.0000		1.5625	2.250/2.230	1.884/1.864	0.07	820	780
LMBS20	LMBS20UU	6	0.40	1-1/4	1.2500	0 -0.0006	2.0000	2.625/2.600	2.004/1.984	0.07	1240	1270
LMBS24	LMBS24UU	6	0.80	1-1/2	1.5000		2.3750	3.000/2.970	2.410/2.390	0.09	1510	1540
LMBS32	LMBS32UU	6	1.38	2	2.0000	0 -0.0008	3.0000	4.000/3.960	3.193/3.163	0.11	2230	2580

1) Based on nominal housing bore

Note: Dynamic load rating is based on the nominal life of 50km. In case of 100km, C on the table need to be divided by 1.26

Ex) LMBS20's 50km basis dynamic load ratings C=2580N

LMBS20's 100km basis dynamic load ratings C<sub>100</sub>=2580/1.26=2040N

$L=(C/P)^3 \times 50\text{km}$      $L_{100}=(C/P)^3 \times 100\text{km}$

