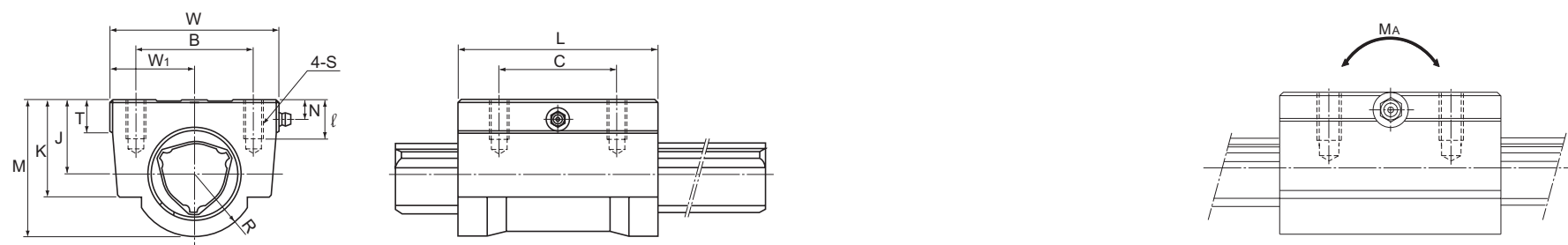


Model LBH



Unit: mm

Model No.	Spline nut dimensions													Basic torque rating		Basic load rating (radial)		Static permissible moment	Mass	
	Height	Width	Length	B	C	S×ℓ	J ±0.15	W ₁ ±0.15	T	K	R	N	Grease nipple	C _T N·m	C _{OT} N·m	C kN	C ₀ kN	M _A ** N·m	Spline Nut kg	Spline shaft kg/m
	M	W	L																	
○ LBH 15	29	34	43	26	26	M4×10	15	17	6	20	14	5	φ4 drive Nipple	30.4	74.5	4.4	8.4	25.4	0.23	1
○● LBH 20	38	48	62	35	35	M6×12	20	24	7	26	18	7	A-M6F	90.2	213	9.4	20.1	103	0.58	1.8
○● LBH 25	47.5	60	73	40	40	M8×16	25	30	8	33	22	6	A-M6F	176	381	14.9	28.7	171	1.1	2.7
○● LBH 30	57	70	83	50	50	M8×16	30	35	10	39	26	8	A-M6F	312	657	22.5	41.4	295	1.73	3.8
○● LBH 40	70	86	102	60	60	M10×20	38	43	15	50	32	10	A-M6F	696	1420	37.1	66.9	586	3.18	6.8
○● LBH 50	88	100	115	75	75	M12×25	48	50	18	63	40	13.5	A-PT1/8	1290	2500	55.1	94.1	941	5.1	10.6

Note) ○: indicates model numbers for which high temperature types are available (with metal retainer; service temperature: up to 100°C).

(Example) LBH30 A CM+600L H
High temperature symbol

●: indicates model numbers for which felt seal types are available (see A-509).
A felt seal cannot be attached to Ball Spline models using metal retainer.

Note) **M_A indicates the permissible moment value in the axial direction when a single spline nut is used, as shown in the figure above.
For details on the maximum lengths of ball spline shafts by accuracy, please see B-410.

Model number coding

2 LBH40 UU CL +700L P K

Model No.
Number of spline nuts on one shaft (no symbol for one nut)
Symbol for clearance in the rotational direction (*2)
Contamination protection accessory symbol (*1)
Accuracy symbol (*3)
Overall spline shaft length (in mm)
Symbol for standard hollow spline shaft (*4)

(*1) See A-509. (*2) See A-481. (*3) See A-482. (*4) See B-381.