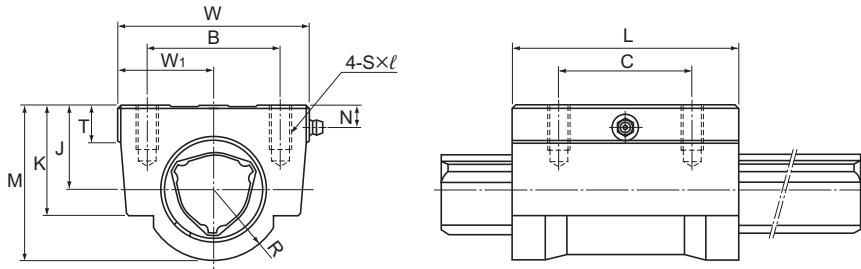


Model LBH



Model No.	Spline nut dimensions									
	Height M	Width W	Length L	B	C	S × l	J ±0.15	W ₁ ±0.15	T	K
○ LBH 15	29	34	43	26	26	M4 × 10	15	17	6	20
○● LBH 20	38	48	62	35	35	M6 × 12	20	24	7	26
○● LBH 25	47	60	73	40	40	M8 × 16	25	30	8	33
○● LBH 30	57	70	83	50	50	M8 × 16	30	35	10	39
○● LBH 40	70	86	102	60	60	M10 × 20	38	43	15	50
○● LBH 50	88	100	115	75	75	M12 × 25	48	50	18	63

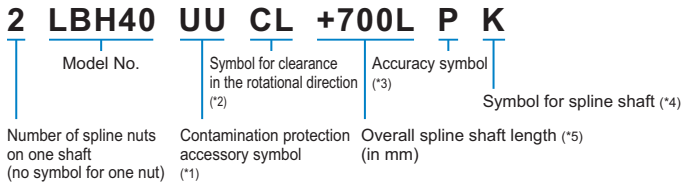
Note) ○: indicates model numbers for which high temperature types are available (with metal retainer; service temperature: up to 100°C).

(Example) LBH30 A CM+600L H

└ High temperature symbol

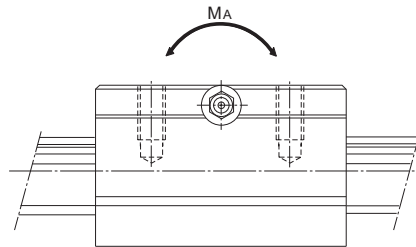
●: indicates model numbers for which felt seal types are available (see **A3-126**).
A felt seal cannot be attached to Ball Spline models using metal retainer.

Model number coding



(*1) See **A3-126**. (*2) See **A3-30**. (*3) See **A3-35**. (*4) See **A3-69**. (*5) See **A3-121**.

High Torque Type Ball Spline



Unit: mm

				Basic torque rating		Basic load rating (radial)		Static permissible moment	Mass	
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
14	5	φ4 drive Nipple	30.4	74.5	4.4	8.4	25.4	0.23	1	
18	7	A-M6F	90.2	213	9.4	20.1	103	0.58	1.8	
22	6	A-M6F	176	381	14.9	28.7	171	1.1	2.7	
26	8	A-M6F	312	657	22.5	41.4	295	1.73	3.8	
32	10	A-M6F	696	1420	37.1	66.9	586	3.18	6.8	
40	13.5	A-PT1/8	1290	2500	55.1	94.1	941	5.1	10.6	

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 **A3-121**.