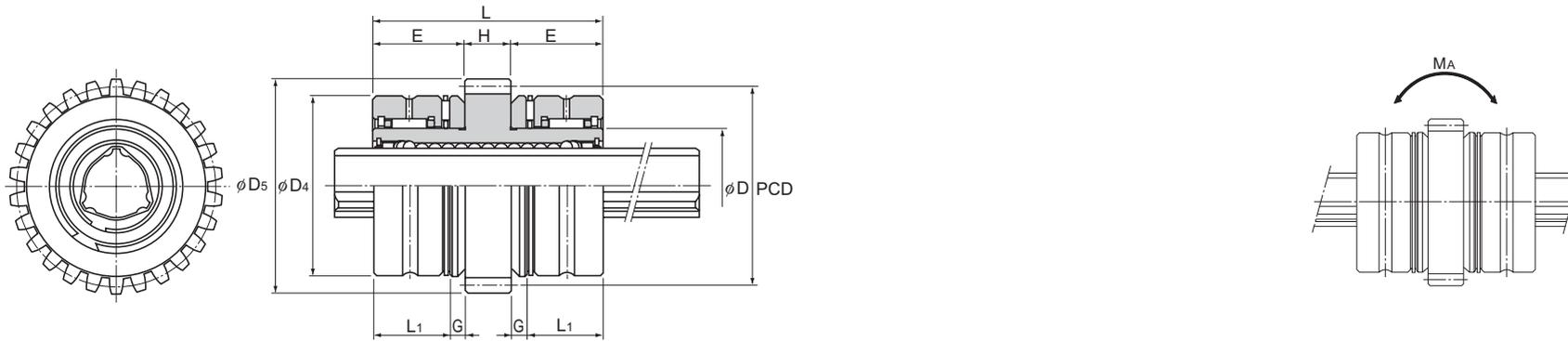


Type LBGT



Unit: mm

Model No.	Spline nut dimensions											Gear specifications*				Basic torque rating		Basic load rating		Static permissible moment	Mass	
	Spline nut outer diameter		Length		Outer diameter		Width		Thrust raceway width	H	E	Tip circle diameter D_s	Standard pitch diameter PCD	Module m	Number of teeth z	C_T N-m	C_{OT} N-m	C kN	C_0 kN	M_A^{**} N-m	Spline nut unit kg	Spline shaft kg/m
	D	Tolerance	L	Tolerance	D_4	Tolerance	L_1	Tolerance														
● LBGT 20	30	0 -0.009	60	0 -0.2	47	0 -0.011	20	0 -0.16	4	12	24	56	52	2	26	90.2	213	9.4	20.1	103	0.67	1.8
● LBGT 25	40	0 -0.011	70		60	0 -0.013	23	0 -0.19	5	14	28	70	65	2.5	26	176	381	14.9	28.7	171	1.5	2.7
● LBGT 30	45	0 -0.011	80		65	0 -0.015	27	0 -0.25	5	16	32	75	70	2.5	28	312	657	22.5	41.4	295	2.2	3.8
● LBGT 40	60	0 -0.013	100	0 -0.3	85	0 -0.015	31	0 -0.25	8	18	41	96	90	3	30	696	1420	37.1	66.9	586	3.3	6.8
● LBGT 50	75	0 -0.013	112		100	0 -0.015	32	0 -0.25	10	20	46	111	105	3	35	1290	2500	55.1	94.1	941	4.8	10.6
LBGT 60	90	0 -0.015	127		120	0 -0.025	38	0 -0.25	12	22	52.5	133	126	3.5	36	1870	3830	66.2	121	1300	7.2	15.6
● LBGT 85	120	0 -0.015	155	150	0 -0.025	40	0 -0.25	16	26	64.5	168	160	4	40	4740	9550	119	213	3180	13.4	32	

Note) ●: indicates model numbers for which felt seal types are available (see A-509).

Note) *The gear specifications in the table represent the dimensions with maximum module. Special gear types such as helical gear and worm gear can also be manufactured at your request. ** 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 LBGT40 UU CL +700L P K

2: Number of spline nuts on one shaft (no symbol for one nut) (*1)
 LBGT40: Model No.
 UU: Contamination protection accessory symbol (*2)
 CL: Symbol for clearance in the rotational direction (*2)
 +700L: Overall spline shaft length (in mm)
 P: Accuracy symbol (*3)
 K: Symbol for standard hollow spline shaft (*4)

(*1) See A-509. (*2) See A-481. (*3) See A-482. (*4) See B-400.