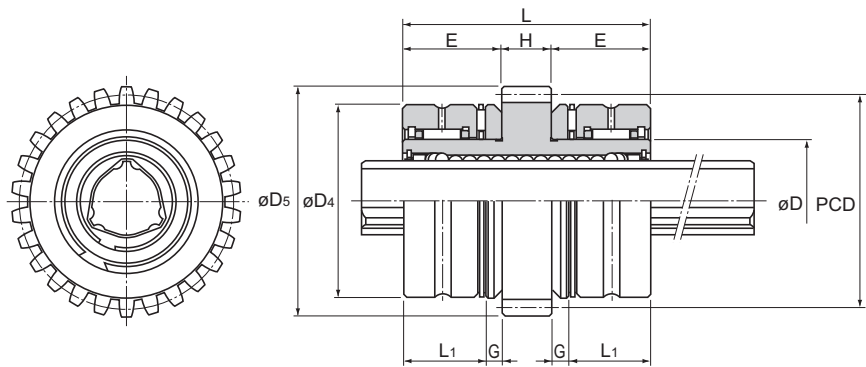


Model LBGT



Model No.	Spline nut dimensions										
	Spline nut outer diameter		Length		Outer diameter		Width		Thrust raceway width	H	E
	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
● LBGT 25	40	0 -0.011	70		60	0	23	0	5	14	28
● LBGT 30	45		80		65	-0.013	27	-0.19	5	16	32
● LBGT 40	60	0 -0.013	100	0 -0.3	85	0 -0.015	31	0 -0.25	8	18	41
● LBGT 50	75		112		100		32		10	20	46
LBGT 60	90	0 -0.015	127		120		38		12	22	52.5
● LBGT 85	120		155		150	0 -0.025	40		16	26	64.5

●: Indicates model numbers for which felt seals are available (see 3-128).

Model number coding

2

LBGT40

UU

CL

+700L

P

K

Model No.

Symbol for clearance in the rotational direction²

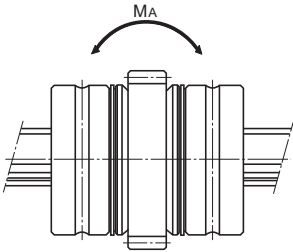
Accuracy symbol³

Symbol for spline shaft⁴

Number of spline nuts on one shaft (no symbol for one nut)

Contamination protection accessory symbol¹

Overall spline shaft length⁵ (in mm)



Unit: mm

	Gear specifications ¹				Basic torque rating		Basic load rating		Static permissible moment	Mass	
	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 ² N·m	Spline nut unit kg	Spline shaft kg/m
	56	52	2	26	90.2	213	9.4	20.1	103	0.67	1.8
	70	65	2.5	26	176	381	14.9	28.7	171	1.5	2.7
	75	70	2.5	28	312	657	22.5	41.4	295	2.2	3.8
	96	90	3	30	696	1,420	37.1	66.9	586	3.3	6.8
	111	105	3	35	1,290	2,500	55.1	94.1	941	4.8	10.6
	133	126	3.5	36	1,870	3,830	66.2	121	1,300	7.2	15.6
	168	160	4	40	4,740	9,550	119	213	3,180	13.4	32