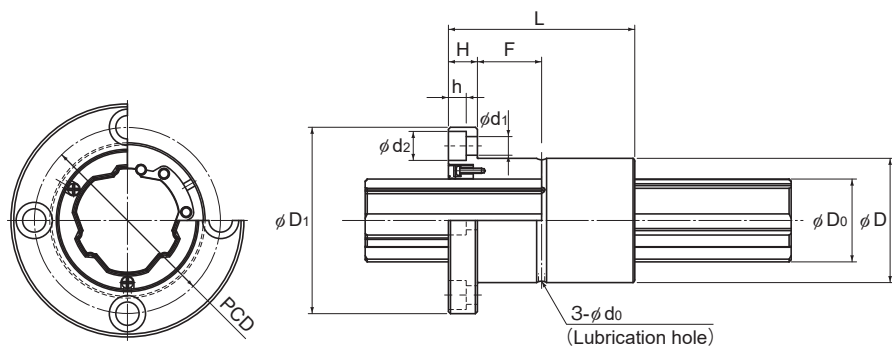


Model SLF



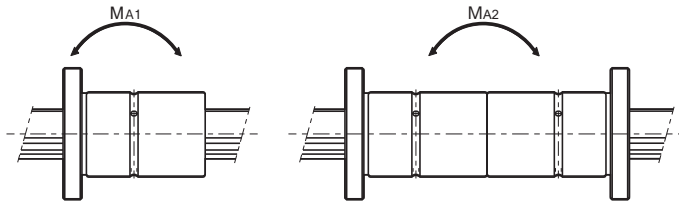
Model No.	Spline nut dimensions									
	Outer diameter		Length		Flange diameter		H	F	Lubrication hole d_0	PCD
	D	Tolerance	L	Tolerance	D_1	Tolerance				
SLF25	37	0 -0.016	60	0 -0.3	60	0 -0.2	9	21	2	47
SLF30	45		70		70		10	25	3	54
SLF40	60	0 -0.019	90		90		14	31	3	72
SLF50	75		100		113	0 -0.3	16	34	4	91
SLF60	90		127		129		18	45.5	4	107
SLF70	100	0 -0.022	110	0 -0.4	142		20	35	4	117
SLF80	120		140		168	0 -0.4	22	48	5	138
SLF100	140	0 -0.025	160		195		25	55	5	162

Model number coding

2	SLF50	UU	CL	+700L	P	K
Model No.		Symbol for clearance in the rotational direction (*2)		Overall spline shaft length (*5) (in mm)	Accuracy symbol (*3)	Symbol for standard hollow spline shaft (*4)
		Contamination protection accessory symbol (*1)				
Number of spline nuts on one shaft (no symbol for one nut)						

(*1) See **A3-126**. (*2) See **A3-30**. (*3) See **A3-35**. (*4) See **A3-48**. (*5) See **A3-121**.

High Torque Caged Ball Spline



Unit: mm

		Basic torque rating		Basic load rating		Static permissible moment		Mass	
Mounting hole									
	d ₁ × d ₂ × h	C _T N·m	C _{0T} N·m	C kN	C ₀ kN	M _{A1} N·m	M _{A2} N·m	Spline Nut kg	Spline shaft kg/m
	5.5×9.5×5.4	219.9	306.8	18.2	22.5	136	851	0.26	3.51
	6.6×11×6.5	366.5	513.3	25.4	31.5	233	1341	0.45	5.05
	9×14×8.6	818.9	1135.4	42.8	52.5	520	2801	1.06	9.18
	11×17.5×11	1373.4	1783.1	57.6	66.2	687	4156	1.9	14.45
	11×17.5×11	2506.7	3321	87.8	103	1452	7733	3.08	21.23
	14×20×13	2986.3	3474.7	89.7	92.5	1038	6392	3.25	28.57
	16×23×15.2	4664.6	5477.4	122.8	127.7	1739	11482	5.82	37.49
	18×26×17.5	8922.3	10211.6	188.2	190.7	3155	19118	7.66	58.97