



Ball Spline

Shaft diameter	Inner diameter	Basic load rating		Basic torque rating		Static permissible moment M_A (N · m)	Nut diameter		L	X	W1	A	D1 _{g6}	T	L1	W	Sxt	E	Support bearing basic load rating		Mass	
		Ca (kN)	Co (kN)	C _T (N · m)	C _{OT} (N · m)		D _{h7}	D2											Ca (kN)	Co (kN)	Nut (kg)	Shaft (kg/m)
		16	11	6.9	12.4		31.4	34.3											60	36	31	50
20	14	10.1	17.8	56.8	55.8	120	43.5	35	63	4.5	64	72	56	6	21	36	M5×0.8P×8	12	7.49	8.16	0.48	1.25
25	18	15.2	25.3	105	103	180	52	42	71	5.5	75	86	66	7	25	44	M5×0.8P×8	13	9.45	10.65	0.75	1.85

Ball Screw

Screw size			Effective turns Circuit×Row	Basic load rating		Nut diameter D _{3h7}	L2	X1	W2	A1	D4 _{g6}	D5	D6	T1	L3	W3	S1	B	B1	E1	Support bearing basic load rating		Mass	
O.D.	Inner diameter	Lead		Ca (kN)	Co (kN)																Ca (kN)	Co (kN)	Nut (kg)	Shaft (kg/m)
16	11	16		1.8×1	3.8																6.8	36	40	4.5
20	14	20	1.8×1	5.9	12.2	43.5	49	4.5	64	72	56	39	39	6	21	31	M5×0.8P	2	13	11	7.49	8.16	0.48	1.25
25	18	25	1.8×1	8.9	19.1	52	55	5.5	75	86	66	47	47	7	25	38	M6×1P	3	17	13	9.45	10.65	0.66	1.85