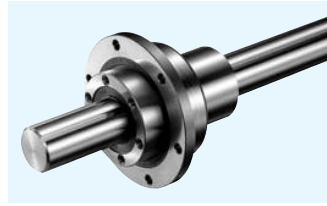


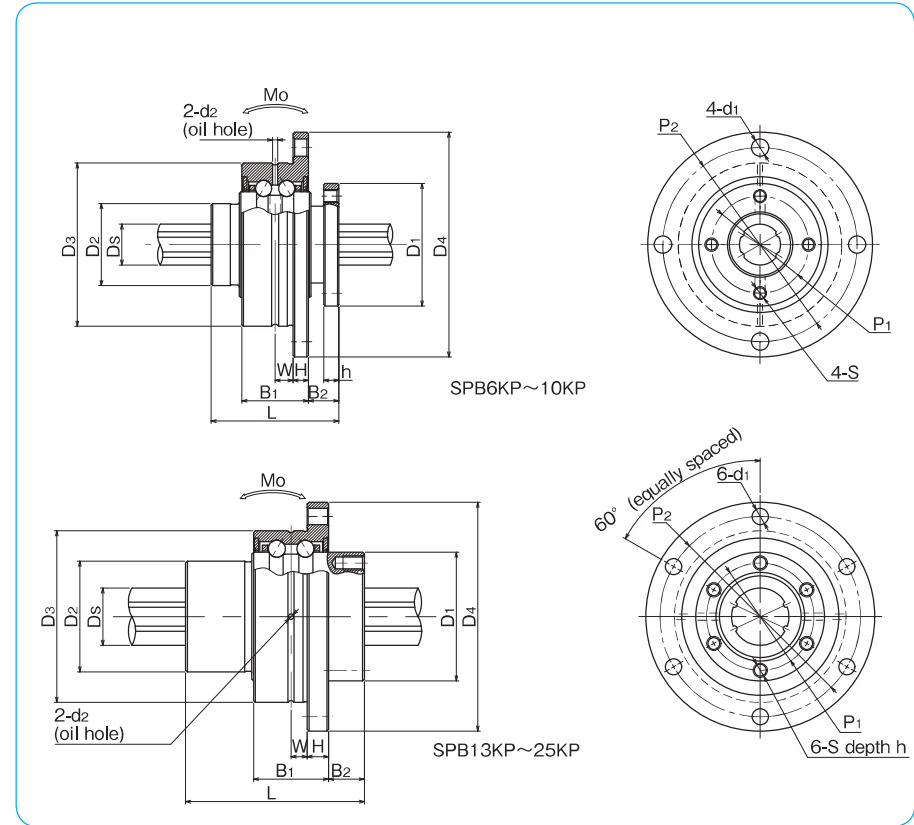
SPB-KP TYPE



part number structure

example **SPB 16 KP-2-T1-600-P /CU**

SPB KP type	16	KP-2	T1	600	P	CU
nominal diameter	spline shaft total length		accuracy grade blank: high P: precision	with special specification		
number of nuts attached to one shaft	preload symbol for linear portion blank: standard T1: light T2: medium					



ROTARY BALL SPLINE

part number	major dimensions							major dimensions of angular contact bearing				
	D ₁ h7 mm	D ₂ mm	L mm	P ₁ P.C.D. mm	S mm	h mm	D ₃ g6 mm	D ₄ mm	H mm	B ₁ mm	B ₂ mm	P ₂ P.C.D. mm
SPB 6KP	20	14	25	16	M2	3	28	38	3	13	6	33
SPB 8KP	24	16	25	19	M2.6	3	32	44	3	13	6	38
SPB10KP	28	21	33	23	M3	4	36	48	3	15	9	42
SPB13KP	30	24	36	25	M3	5	44	56	4	18	9	50
SPB16KP	36	31	50	30	M4	6	48	64	6	21	10	56
SPB20KP	43.5	35	63	36	M5	8	56	72	6	21	12	64
SPB25KP	52	42	71	44	M5	8	66	86	7	25	13	75

spline shaft					rotary ball spline				angular contact bearings			allowable		mass	
d ₁	W	d ₂	D _s	tolerance	basic torque rating dynamic	static	basic load rating dynamic	static	basic load rating dynamic	static	maximum revolutions	static moment	nut	shaft	size
mm	mm	mm	mm	μm	N·m	N·m	kN	kN	kN	kN	rpm	N·m	kg	kg/m	
2.4	3.5	1	6	0 -12	1.5	2.4	1.22	2.28	4.35	2.74	8,100	5.1	0.07	0.21	6
3.4	3.5	1	8	0	2.1	3.7	1.45	2.87	4.54	3.13	7,000	7.4	0.10	0.38	8
3.4	4.5	1	10	-15	4.4	8.2	2.73	5.07	6.86	4.82	6,200	18.0	0.14	0.60	10
3.4	5	1	13	0	21	39.2	2.67	4.89	9.45	7.01	5,000	13.7	0.23	1.0	13
4.5	4.5	1.5	16	-18	60	110	6.12	11.2	10.2	8.56	4,200	46	0.37	1.5	16
4.5	4.5	1.5	20	0	105	194	8.9	16.3	10.9	10.1	3,600	110	0.55	2.4	20
5.5	5.5	1.5	25	-21	189	346	12.8	23.4	13.7	12.9	3,100	171	0.84	3.7	25

※Maximum revolutions with grease lubrication.