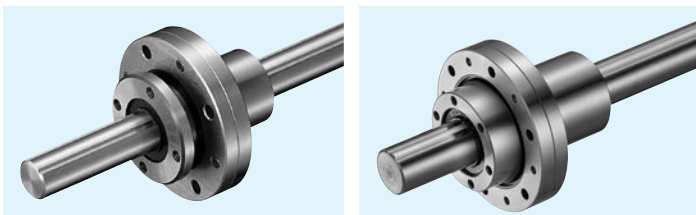
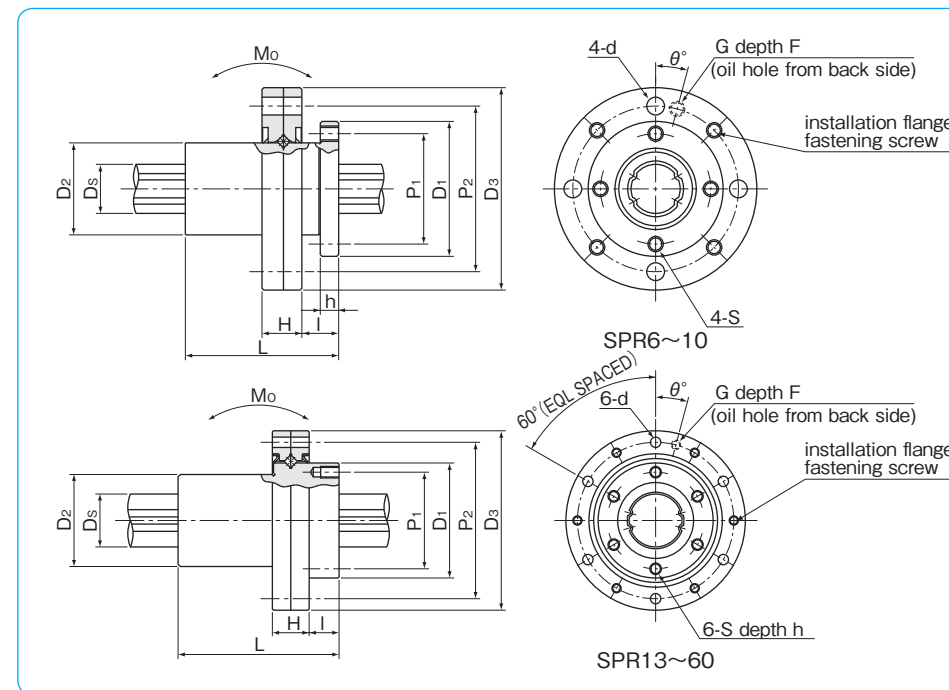
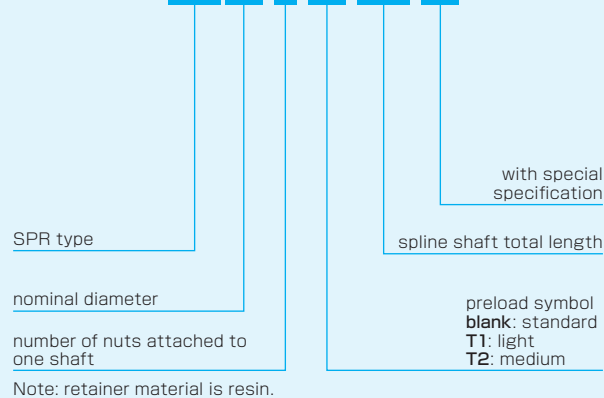


SPR TYPE



part number structure

example **SPR 25 - 2 - T1 - 436 / CU**



part number	major dimensions					major dimensions of cross roller bearing									
	D ₁	D ₂	L	P ₁	S	h	I	H	D ₃	P ₂	d	G	F	θ	
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	°
SPR 6	20	13	25	16	M2	2.5	5	6.5	30	24	2.4	M3	5	20°	
SPR 8	22	15	25	18	M2.5	3	6	6.5	33	27	2.9	M3	5	20°	
SPR10	27	19	33	22	M3	4	8	7	40	33	3.4	M3	5	20°	
SPR13	29	24	36	24	M3	5	8	9	50	42	3.4	M3	5	15°	
SPR16	36	31	50	30	M4	6	10	11	60	50	4.5	M3	5	15°	
SPR20A	44	35	63	38	M4	7	12	13	72	62	4.5	M6×0.75	5.5	15°	
SPR25A	55	42	71	47	M5	8	13	16	82	72	4.5	M6×0.75	7	15°	
SPR30A	61	47	80	52	M6	10	17	17	100	86	6.6	M6×0.75	7.5	15°	
SPR40A	76	64	100	66	M6	10	23	20	120	104	9	M6×0.75	9	15°	
SPR50A	92	80	125	80	M8	13	24	22	134	118	9	M6×0.75	10	15°	
SPR60A	107	90	140	95	M8	13	25	25	155	137	9	M6×0.75	11.5	15°	
SPR20	40	34	60	34	M4	7	12	13	66	56	4.5	M6×0.75	5.5	15°	
SPR25	50	40	70	42	M5	8	13	16	78	68	4.5	M6×0.75	7	15°	
SPR30	61	47	80	52	M6	10	17	17	100	86	6.6	M6×0.75	7.5	15°	
SPR40	76	64	100	64	M6	10	23	20	120	104	9	M6×0.75	9	15°	
SPR50	88	75	112	77	M8	13	24	22	130	114	9	M6×0.75	10	15°	
SPR60	102	90	127	90	M8	13	25	25	150	132	9	M6×0.75	11.5	15°	

Please contact NB for the grease fitting and relubrication method.

spline shaft D _s	ball spline				cross roller bearing			allowable static moment M ₀	mass		size
	basic torque rating		basic load rating		basic load rating				nut	shaft	
	dynamic C _T	static C _{0T}	dynamic C	static C ₀	dynamic C _R	static C _{0R}	※maximum revolutions rpm				
6	1.5	2.4	1.22	2.28	0.6	0.5	2,940	5.1	0.04	0.21	6
8	2.1	3.7	1.45	2.87	1.2	1.10	2,580	7.4	0.05	0.38	8
10	4.4	8.2	2.73	5.07	2.4	2.45	2,060	18.0	0.09	0.60	10
13	21	39.2	2.67	4.89	2.9	3.70	1,350	13.7	0.17	1.0	13
16	60	110	6.12	11.2	5.6	6.70	1,080	46	0.33	1.5	16
20	105	194	8.9	16.3	6.55	8.79	890	110	0.57	2.4	20A
25	189	346	12.8	23.4	9.63	12.7	700	171	0.81	3.7	25A
30	307	439	18.6	23.2	11.8	17.1	640	181	1.19	5.38	30A
40	674	934	30.8	37.5	23.0	32.3	510	358	2.25	9.55	40A
50	1,290	2,950	40.3	64.9	27.8	44.0	430	690	3.57	15.0	50A
60	1,570	2,620	47.7	79.5	29.0	48.8	370	881	5.03	21.6	60A
18.2	83	133	7.84	11.3	5.90	7.35	980	63	0.45	2.0	20
23	162	239	12.3	16.1	9.11	11.5	770	104	0.75	3.1	25
28	289	412	18.6	23.2	11.8	17.1	640	181	1.25	4.8	30
37.4	637	882	30.8	37.5	23.0	32.3	510	358	2.30	8.6	40
47	1,390	3,180	46.1	74.2	27.2	42.1	450	696	3.10	13.1	50
56.5	2,100	4,800	58.0	127	26.5	42.6	400	1,300	4.70	19	60

※Maximum revolutions with grease lubrication.

Contact NB for further information in case oil lubrication is required.

1kN≒102kgf 1N·m≒0.102kgf·m