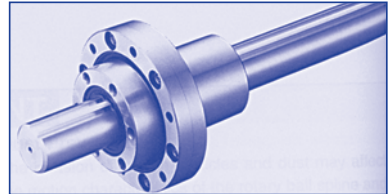
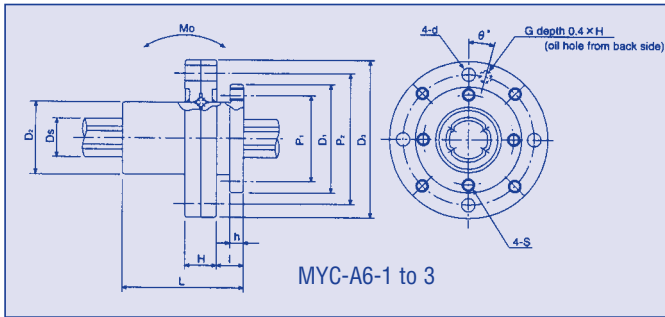
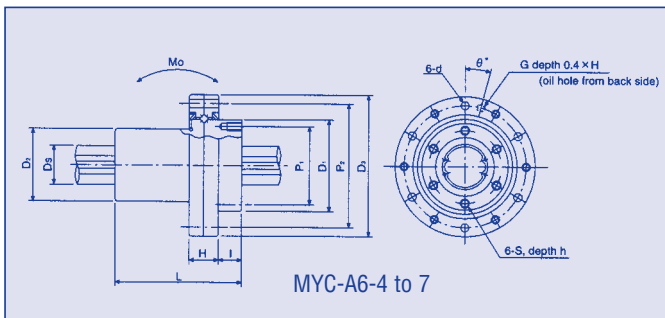


# ROTARY BALL SPLINE



Material: Chrome Steel  
Add SS to P/N for Stainless Steel

\* Must specify length of spline shaft



Part Number	ball spline major dimensions							major dimensions of support bearing								
	mm	D	D <sub>2</sub>		L	P <sub>1</sub>	S	h	l	H	D <sub>a</sub>	P <sub>2</sub>	d	G	θ°	
		tolerance μm	mm	mm												mm
MYC-A6-1	20	0	13	25	0	16	M2	2.5	5	6.5	30	0/-21	24	2.4	Ø2	20°
MYC-A6-2	22	-21	15	25		18	M2.5	3	6	6.5	33	0	27	2.9		
MYC-A6-3	27		19	33		22	M3	4	8	7	40	-25	33	3.4		
MYC-A6-4	29		24	36	-0.2	24	M3	5	8	9	50	0	42	3.4	Ø3	15°
MYC-A6-5	36	0	31	50		30	M4	6	10	11	60	0	50	4.5		
MYC-A6-6	40	-25	34	60		34	M4	7	12	13	66	-30	56	4.5		
MYC-A6-7	50		40	70	42	M5	8	13	16	78	-30	68	4.5			

part number	spline shaft		ball spline				support bearing		allowable static moment Mo N • M	second cross-sectional moment of inertia mm <sup>4</sup>	cross-sectional coefficient mm <sup>3</sup>	mass		* maximum rotational speed rpm
	Ds mm	tolerance μm	basic torque rating		basic load rating		basic load rating							
			dynamic C <sub>r</sub> N • M	static C <sub>st</sub> N • M	dynamic C <sub>d</sub> kN	static C <sub>o</sub> kN	dynamic C <sub>d</sub> kN	static C <sub>st</sub> kN						
			mm	μm	mm	μm	mm	μm						
MYC-A6-1	6	0/-12	1.5	2.4	1.22	2.28	0.6	0.5	5.1	59	19.7	0.04	0.21	3500
MYC-A6-2	8	0	2.1	3.7	1.45	2.87	1.2	1.14	7.4	190	47.6	0.05	0.38	3500
MYC-A6-3	10	-15	4.4	8.2	2.73	5.07	2.4	2.45	18.0	461	92.2	0.09	0.60	3000
MYC-A6-4	13	0	21	39.2	2.67	4.89	3.0	3.70	13.7	1380	213	0.17	1.0	1800
MYC-A6-5	16	-18	60	110	6.12	11.2	5.6	6.70	46	2980	373	0.33	1.5	1500
MYC-A6-6	18.2	0	83	133	7.84	11.3	5.90	7.35	63	5050	554	0.45	2.0	1200
MYC-A6-7	23	-21	162	239	12.3	16.1	9.11	11.5	104	12700	1110	0.75	3.1	1000

\* Maximum rotational speed for grease lubrication.  
Contact Nordex for further information when higher speeds or oil lubrication is required.

1kN ≅ 102kgf 1N . M ≅ 0.102kgf.m