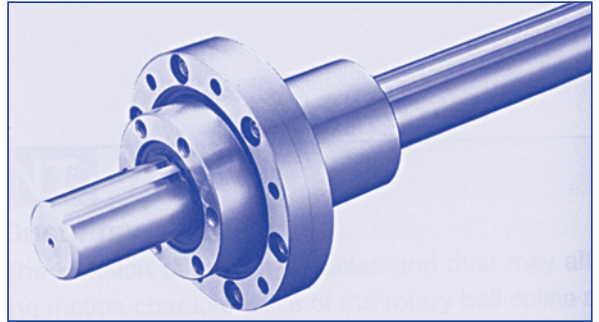
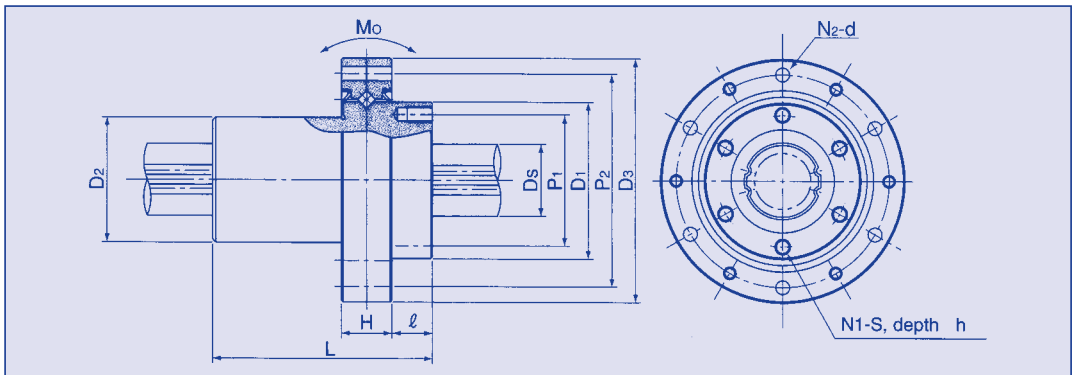


ROTARY BALL SPLINE

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



Part Number	ball spline major dimensions							major dimensions of support bearing						
	D ₁		D ₂	L		P ₁	N ₁ -S	h	ℓ	H	D ₃		P ₂	N ₂ -D
	mm	tolerance μm		mm	mm						tolerance mm	mm		
MYC-A7-1	40	0	34	60	0/-0.2	34	6-M4	7	12	13	66	0	56	6-4.5
MYC-A7-2	50	-25	40	70	0	42	6-M5	8	13	16	78	-30	68	
MYC-A7-3	61	0	47	80		52	6-M6	10	17	17	100	0	86	
MYC-A7-4	76	-30	62	100		-0.3	64	6-M8	13	23	20	120	-35	104
MYC-A7-5	88	0	75	112	77	24	22		130	0	114	6-9		
MYC-A7-6	102	-35	90	127	90	25	25		150	-40	132			



Specify length of Spline Shaft

Part Number	spline shaft		ball spline				support bearing		allowable static moment Mo N • M	second cross-sectional moment of inertia mm ⁴	cross-sectional coefficient mm ³	mass		*maximum rotational speed rpm
	mm	tolerance μm	torque rating basic		load rating basic		dynamic C _r kN	static C _{0r} kN				nut kg	spline shaft kg/m	
			d _s N • M	basic N • M	dynamic C kN	static Co kN								
MYC-A7-1	18.2	0	83	133	7.84	11.3	5.90	7.35	63	5.05 X 10 ⁶	5.54 X 10 ²	0.45	2.0	1,200
MYC-A7-2	23	-21	162	239	12.3	16.1	9.11	11.5	104	1.27 X 10 ⁶	1.11 X 10 ³	0.75	3.1	1,000
MYC-A7-3	28		289	412	18.6	23.2	13.2	18.0	181	2.75 X 10 ⁶	1.96 X 10 ³	1.25	4.8	800
MYC-A7-4	37.4	0	637	882	30.8	37.5	22.8	32.3	358	8.73 X 10 ⁶	4.67 X 10 ³	2.3	8.6	600
MYC-A7-5	47	-25	1,390	3,180	46.1	74.2	27.2	42.1	696	2.16 X 10 ⁶	9.21 X 10 ³	3.1	13.1	570
MYC-A7-6	56.5	0/-30	2,100	4,800	58.0	127.4	30.0	48.2	1,300	4.51 X 10 ⁶	1.60 X 10 ⁴	4.7	19	500

* Maximum rotational speed for grease lubrication.

1kN ≙ 102kgf 1N • M ≙ 0.102kgf.m

Contact Nordex for further information when higher speeds or oil lubrication is required.