



Staking Groove Data	S	X	R	P
Bore Sizes	LAND +.000 -.010	GROOVE +.000 -.010	RAD. +.000 -.010	DEPTH. +.000 -.015
(3) Thru (8)	.020	.045	.015	.030
(10)	.030	.055	.020	.040
(12) Thru (24)	.030	.080	.020	.060

RYT / RYT-V

High Misalignment/*Teflon Lined

RADIAL PART NO.		B	D	W	H	O	Ball Dia.	F	M° mis align angle (REF.)	Load Ratings (LBS)				Approx. Weight (LBS)
										Static Limit		Dynamic Oscillating Radial Load	No Load Breakaway Torque (Inch Lbs)	
										Radial Load	Axial Load			
Plain	Grooved.	+ .0000 - .0005	+ .0000 - .0005	+ .000 - .005	± .005	(REF.)	(REF.)	+ .000 - .010						
RYT-3	RYT-3V	.1900	.5625	.500	.210	.319	.437	.020	15	4,100	350	2,100	.5 to 5	.018
RYT-4	RYT-4V	.2500	.7400	.593	.255	.390	.593	.022	24	7,100	750	3,800	1 to 5	.036
RYT-5	RYT-5V	.3125	.6875	.625	.255	.418	.593	.022	20	9,000	750	3,800	1 to 5	.025
RYT-6	RYT-6V	.3750	.9060	.813	.345	.512	.781	.032	23	16,000	2,000	7,200	1 to 5	.068
RYT-7	RYT-7V	.4375	1.0000	.875	.345	.618	.875	.032	22	19,300	2,000	8,100	1 to 5	.095
RYT-8	RYT-8V	.5000	1.1250	.937	.401	.730	1.000	.032	20	26,100	3,200	10,900	1 to 5	.159
RYT-10	RYT-10V	.6250	1.3750	1.200	.567	.856	1.250	.032	20	44,500	7,000	20,000	1 to 5	.245
RYT-12	RYT-12V	.7500	1.5625	1.280	.620	.970	1.375	.044	18	54,800	8,700	24,200	1 to 6	.315
RYT-14	RYT-14V	.8750	1.7500	1.400	.625	1.140	1.531	.044	18	65,800	8,850	27,600	2 to 8	.430
RYT-16	RYT-16V	1.0000	2.1250	1.875	.835	1.278	1.875	.044	21	108,000	15,900	45,600	2 to 8	.831
RYT-20	RYT-20V	1.2500	2.5000	1.875	1.005	1.523	2.250	.044	21	158,000	23,000	66,600	3 to 15	1.318
RYT-24	RYT-24V	1.5000	3.0000	2.250	1.175	1.800	2.672	.044	21	220,000	32,000	93,200	3 to 15	2.223

Materials

BALL	RACE	LINER
440C CRES Heat Treated Hard Chrome Plated	Stainless Steel Heat Treated	Teflon* Fabric Permanently Bonded to Race I. D.

Notes

1. Diameters B & D are concentric within .005 T. I. R.
2. Temperature range: -65° F to +325° F.

*A trade name of E. I. Dupont de Nemours & Co

