



## RPHT / RPHT-V NARROW/AEROSPACE

\*Teflon Lined

RADIAL PART NO.		B	D	W	H	E	O	Ball Dia.	M° mis align angle MIN.	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 - .002	± .005	+ .000 - .008	MIN.	(REF.)	MIN.					
RPHT-3	RPHT-3V	.1900	.5625	.281	.218	.500	.293	.406	10	3,975	150	1,500	.25 to 5	.020
RPHT-4	RPHT-4V	.2500	.6562	.343	.250	.594	.364	.500	10	6,040	430	3,320	.25 to 5	.020
RPHT-5	RPHT-5V	.3125	.7500	.375	.281	.650	.419	.562	10	8,750	700	5,460	.25 to 8	.030
-	RPHT-5AV	.3125	.7500	.375	.281	.660	.419	.562	10	8,750	700	5,460	.25 to 8	.030
RPHT-6	RPHT-6V	.3750	.8125	.406	.312	.712	.475	.656	9	10,540	1,100	6,600	.25 to 8	.040
RPHT-7	RPHT-7V	.4375	.9062	.437	.343	.806	.530	.718	8	13,200	1,400	8,050	.25 to 8	.050
RPHT-8	RPHT-8V	.5000	1.0000	.500	.390	.876	.640	.813	8	17,900	2,100	10,400	.25 to 8	.070
RPHT-9	RPHT-9V	.5625	1.0937	.562	.437	.970	.670	.875	8	23,200	3,680	13,000	.25 to 8	.090
RPHT-10	RPHT-10V	.6250	1.1875	.625	.500	1.063	.739	.968	8	30,500	4,720	16,450	.25 to 8	.120
RPHT-12	RPHT-12V	.7500	1.4375	.750	.593	1.313	.920	1.187	8	46,400	6,750	23,600	.25 to 8	.210
RPHT-14	RPHT-14V	.8750	1.5625	.875	.703	1.438	.980	1.312	8	62,200	9,350	30,250	.25 to 12	.270
RPHT-16	RPHT-16V	1.0000	1.7500	1.000	.797	1.626	1.118	1.500	9	82,200	12,160	38,000	.25 to 12	.390

## Materials

BALL	RACE	LINER
440C (AMS-5630) CRES Heat Treated Hard Chrome Plated	17-4 PH AMS-5643 Heat Treated	Teflon* Fabric Permanently Bonded to Race I. D.

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

## Notes

1. Diameters B , D , & E are concentric within .003 T. I. R. on sizes -3 thru -5 and .005 T.I.R. on sizes -6 thru -16.
2. Finish: Ball Diameter- RHR 8 max. Bore, ball face, outer member dia-RHR 32 max. All other surfaces RHR 125 max.
3. Tolerances: Decimals + - .010, Angles: ± 1/2°.
4. Temperature range: -65° F to 325° F.
5. Bearings listed on this page conform to the materials dimensions, and configurations of MS- 14101 (Grooved) and MS- 14104 (Plain); however, Radial is not approved for procurement under that specification. Consult factory for additional information.

