

PERFORMANCE RACING SERIES

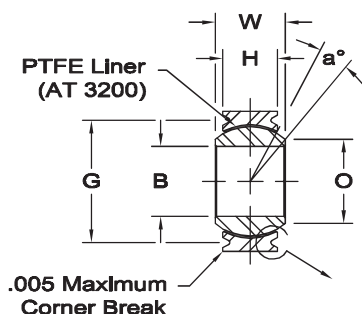
PNB-TG & PNB-T Series, PWB-TG & PWB-T Series Spherical Bearings - PTFE Lined



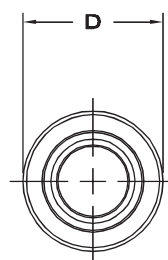
Ball - Alloy steel, heat treated, hard chrome plated. Manufacturers option: 440C stainless steel, heat treated.

Race - 17-4 PH stainless steel (AMS 5643), heat treated

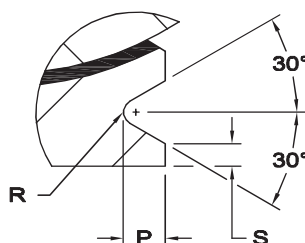
PTFE Liner - (AT 3200)
Permanently bonded to race inside diameter.
Qualified to SAE-AS81820 (formerly MIL-B-81820)



GROOVED SERIES



PLAIN SERIES



PNB-TG & PNB-T - PERFORMANCE RACING SPHERICAL NARROW SERIES

BEARING NO.		DIMENSIONS IN INCHES										a°	Static Limit Load		No Load	Approx. Brg. Wt. Lbs.
Grooved	Plain	B	D	W	H	O	P	S	G	R	Ball Dia. Ref.	Misalign. Angle	Radial Lbs.	Axial Lbs.	Rotational Breakaway Torque In.-Lbs.	
		+ .0000 - .0005	+ .0000 - .0005	± .005	± .005	Min.	+ .000 - .010	Min.	+ .000 - .008	+ .002 - .005						
PNB-3TG	PNB-3T	.1900	.5625	.281	.218	.293	.025	.010	.500	.010	.406	10	3,975	150	0.25 - 5.0	.02
PNB-4TG	PNB-4T	.2500	.6562	.343	.250	.364	.025	.010	.594	.010	.500	10	6,040	430	0.25 - 5.0	.02
PNB-5TG	PNB-5T	.3125	.7500	.375	.281	.419	.035	.020	.650	.010	.562	10	8,750	700	1 - 8	.03
PNB-6TG	PNB-6T	.3750	.8125	.406	.312	.475	.035	.020	.712	.015	.625	9	10,540	1,100	1 - 8	.04
PNB-7TG	PNB-7T	.4375	.9062	.437	.343	.530	.035	.020	.806	.015	.687	8	13,200	1,400	3 - 12	.05
PNB-8TG	PNB-8T	.5000	1.0000	.500	.390	.600	.055	.020	.876	.015	.781	8	17,900	2,100	3 - 12	.07
PNB-9TG	PNB-9T	.5625	1.0937	.562	.437	.670	.060	.020	.972	.015	.875	8	23,200	3,680	3 - 12	.09
PNB-10TG	PNB-10T	.6250	1.1875	.625	.500	.739	.055	.020	1.063	.015	.968	8	30,500	4,720	3 - 12	.12
PNB-12TG	PNB-12T	.7500	1.4375	.750	.593	.920	.055	.020	1.313	.015	1.187	8	46,400	6,750	3 - 12	.21

PWB-TG & PWB-T - PERFORMANCE RACING SPHERICAL WIDE SERIES

BEARING NO.		DIMENSIONS IN INCHES										a°	Static Limit Load		No Load	Approx. Brg. Wt. Lbs.
Grooved	Plain	B	D	W	H	O	P	S	G	R	Ball Dia. Ref.	Misalign. Angle	Radial Lbs.	Axial Lbs.	Rotational Breakaway Torque In.-Lbs.	
		+ .0000 - .0005	+ .0000 - .0005	± .005	± .005	Min.	+ .000 - .010	Min.	+ .000 - .008	+ .002 - .005						
PWB-3TG	PWB-3T	.1900	.6250	.437	.327	.300	.025	.010	.563	.010	.531	15	2,500	1,770	.25 - 5.0	.03
PWB-4TG	PWB-4T	.2500	.6250	.437	.327	.300	.025	.010	.563	.010	.531	15	5,500	1,770	.25 - 5.0	.03
PWB-5TG	PWB-5T	.3125	.6875	.437	.317	.360	.025	.010	.625	.010	.593	14	9,400	1,640	.25 - 8.0	.04
PWB-6TG	PWB-6T	.3750	.8125	.500	.406	.466	.035	.020	.712	.015	.687	8	13,700	2,630	.25 - 8.0	.06
PWB-7TG	PWB-7T	.4375	.9375	.562	.442	.537	.035	.020	.837	.015	.781	10	20,700	3,650	.25 - 8.0	.08
PWB-8TG	PWB-8T	.5000	1.0000	.625	.505	.607	.035	.020	.900	.015	.875	9	21,400	4,970	.25 - 8.0	.10
PWB-9TG	PWB-9T	.5625	1.1250	.687	.536	.721	.040	.020	1.025	.015	1.000	10	26,600	5,370	.25 - 8.0	.14
PWB-10TG	PWB-10T	.6250	1.1875	.750	.567	.747	.035	.020	1.087	.015	1.062	12	29,000	6,130	.25 - 8.0	.16
PWB-12TG	PWB-12T	.7500	1.3750	.875	.630	.845	.055	.020	1.251	.015	1.250	13	37,000	7,730	.25 - 8.0	.24