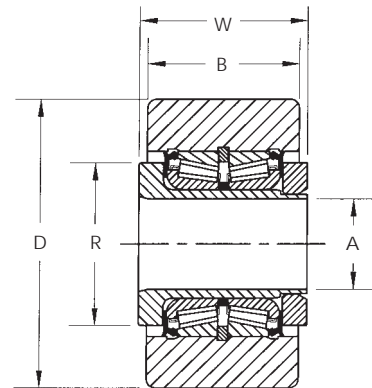


**PYR**

**Plain Yoke Type**

SMITH-TRAX®



**General Information**

The **Smith-Trax®** Series bearings are designed and manufactured to handle increased axial and radial loads by using **Tapered Roller Bearings** or **Deep Groove Ball Bearings**. These bearings should be used when standard needle roller bearings are not sufficient to handle the thrust load found in certain applications. Consult our Engineering Department for special requirements.

Dimensional Data (inches)

SMITH Bearing® Number	BEARING TYPE TRB-Tapered Roller Bearing	D Roller O.D. +.000 -.001	B Roller Width	A Bore Diameter +.0005 * -.0000	W Overall Width +.005 -.010	R Shoulder or End Plate Diameter	Radial Basic Dynamic Rating (lbs) 500 hrs. 33 rpm.	Dynamic Thrust Load Rating(lbs) 500 hrs. 33 rpm.
PYR-3	TRB	3.000	1.750	1.000	1.813	1 <sup>3</sup> / <sub>4</sub>	14,300	5,790
PYR-3 <sup>1</sup> / <sub>4</sub>	TRB	3.250	1.750	1.000	1.813	1 <sup>3</sup> / <sub>4</sub>	14,300	5,790
PYR-3 <sup>1</sup> / <sub>2</sub>	TRB	3.500	2.000	1.125	2.063	2	17,600	5,790
PYR-4	TRB	4.000	2.250	1.250	2.313	2 <sup>1</sup> / <sub>2</sub>	17,600	5,790
PYR-5	TRB	5.000	2.750	1.750	2.875	3 <sup>1</sup> / <sub>2</sub>	33,300	13,300
PYR-6	TRB	6.000	3.250	2.250	3.375	3 <sup>1</sup> / <sub>2</sub>	35,800	14,200
PYR-7	TRB	7.000	3.750	*2.750	3.875	4 <sup>1</sup> / <sub>4</sub>	42,400	17,400
PYR-8	TRB	8.000	4.250	*3.255	4.500	4 <sup>3</sup> / <sub>4</sub>	83,700	39,000

\*Tolerance on "A" Bore Diameter for PYR-7 and PYR-8 is (+0.001/-0.000)