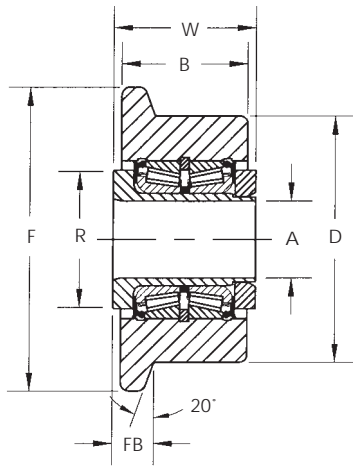




FYR

Flanged 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.	F Flange O.D.	B Roller Width	FB Flange 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.
FYR-3	TRB	3.000	3 ¹⁵ / ₁₆	1.750	19/32	1.000	1.812	1 ³ / ₄	14,300	5,790
FYR-3 ¹ / ₄	TRB	3.250	4 ³ / ₁₆	1.750	19/32	1.000	1.812	1 ³ / ₄	14,300	5,790
FYR-3 ¹ / ₂	TRB	3.500	4 ⁷ / ₁₆	2.000	19/32	1.125	2.062	2	17,600	5,790
FYR-4	TRB	4.000	4 ¹⁵ / ₁₆	2.250	19/32	1.250	2.312	2 ¹ / ₄	17,600	5,790
FYR-5	TRB	5.000	5 ¹⁵ / ₁₆	2.750	23/32	1.750	2.875	3 ¹ / ₂	33,300	13,300
FYR-6	TRB	6.000	6 ¹⁵ / ₁₆	3.250	23/32	2.250	3.375	3 ¹ / ₂	35,800	14,200
FYR-7	TRB	7.000	7 ¹⁵ / ₁₆	3.750	23/32	*2.750	3.875	4 ¹ / ₄	42,400	17,400
FYR-8	TRB	8.000	8 ¹⁵ / ₁₆	4.250	23/32	*3.255	4.500	4 ³ / ₄	83,700	39,000

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