



MVYR

V-Groove Yoke Style

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 (mm)

| SMITH Bearing® Number | BEARING TYPE TRB-Tapered Roller Bearing | D Roller O.D. | B Groove Dia. | A Bore Diameter +0.00 -0.02 | W Overall Width | V Point Diameter | C Groove Center | R Shoulder or End Plate Diameter 33 rpm. | Radial Basic Dynamic Rating (N) 500 hrs. 33 rpm. | Dynamic Thrust Load Rating (N) 500 hrs. |
|-----------------------|--|---------------|---------------|-----------------------------------|-----------------|------------------|-----------------|---|--|--|
| MVYR-62 | TRB | 90 | 38 | 20 | 40 | 62 | 22 | 32.0 | 48,400 | 17,800 |
| MVYR-76 | TRB | 110 | 44 | 25 | 46 | 76 | 23 | 44.5 | 63,600 | 25,700 |
| MVYR-100 | TRB | 140 | 54 | 30 | 56 | 100 | 28 | 57.2 | 78,200 | 25,600 |
| MVYR-125 | TRB | 165 | 68 | 45 | 71 | 125 | 36 | 82.6 | 148,100 | 58,500 |
| MVYR-150 | TRB | 190 | 70 | 55 | 73 | 150 | 37 | 88.9 | 159,200 | 63,000 |
| MVYR-200 | TRB | 240 | 76 | 70 | 79 | 200 | 40 | 108.0 | 188,600 | 77,400 |
| MVYR-250 | TRB | 290 | 76 | 70 | 79 | 250 | 40 | 108.0 | 188,600 | 77,400 |