

HEIM Unibal®

SPHERICAL BEARINGS

ROD ENDS

uniflon

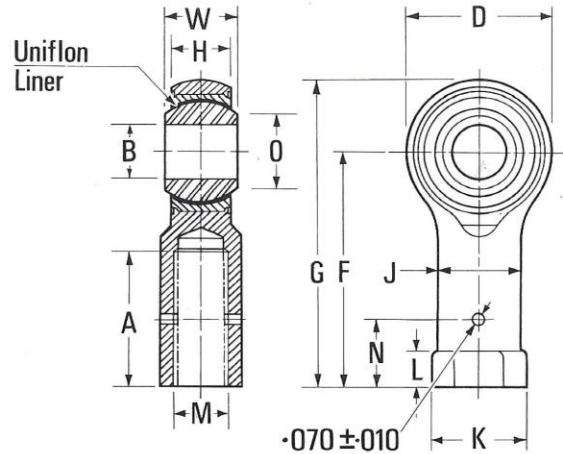
SPECIFICATION

HOUSING STAINLESS STEEL TO SPECIFICATION EN57 OR S80. FORGINGS IN STAINLESS STEEL TO SPECIFICATION FV520B.

BALL STAINLESS STEEL. THROUGH HARDENED TO ROCKWELL 'C' 50/54.

LINER FILLED P.T.F.E.

ALL DIMENSIONS GIVEN IN INCHES.



RFVV series female thread

| BEARING NUMBER | B | W | H | O | D | F | G | A | K | J | N | L | M | Ball Diameter | Maximum Static Radial Load in Pounds Approx. | Weight in Pounds Approx. |
|----------------|------------------|----------------|----------------|--------------------|----------------|----------------|----------------|--------------------------------------|----------------|----------------|----------------|----------------|-------------------------|-------------------|----------------------------------------------|--------------------------|
| | Bore | Ball Width | Housing Width | Ball Flat Diameter | Head Diameter | Centre Length | Overall Length | Thread Length | | | | | Medium Fit | | | |
| | +·0000 -·0005 | +·000 -·005 | +·005 -·005 | | +·010 -·010 | +·010 -·010 | +·010 -·010 | + $\frac{1}{16}$ - $\frac{1}{32}$ | +·010 -·010 | +·010 -·010 | +·005 -·005 | +·010 -·010 | | | | |
| RFVV 4 | .2500 | .375 | .281 | .355 | .750 | 1.312 | 1.687 | .750 | .468 | .375 | .312 | .187 | $\frac{1}{4}$ " BSF | $\frac{3}{8}$ " | 2,460 | .062 |
| RFLVV 4 | | | | | | | | | | | | | | | | |
| RFVV 5 | .3125 | .437 | .344 | .477 | .875 | 1.375 | 1.812 | .750 | .500 | .437 | .406 | .187 | $\frac{5}{16}$ " BSF | $\frac{3}{8}$ " | 4,080 | .078 |
| RFLVV 5 | | | | | | | | | | | | | | | | |
| RFVV 6 | .3750 | .500 | .406 | .517 | 1.000 | 1.625 | 2.125 | .937 | .687 | .562 | .469 | .250 | $\frac{3}{8}$ " BSF | $\frac{23}{32}$ " | 5,480 | .128 |
| RFLVV 6 | | | | | | | | | | | | | | | | |
| RFVV 7 | .4375 | .562 | .437 | .586 | 1.125 | 1.812 | 2.375 | 1.062 | .750 | .625 | .531 | .250 | $\frac{7}{16}$ " BSF | $\frac{13}{16}$ " | 6,740 | .172 |
| RFLVV 7 | | | | | | | | | | | | | | | | |
| RFVV 8 | .5000 | .625 | .500 | .698 | 1.312 | 2.125 | 2.781 | 1.187 | .875 | .750 | .594 | .250 | $\frac{1}{2}$ " BSF | $\frac{15}{16}$ " | 8,920 | .286 |
| RFLVV 8 | | | | | | | | | | | | | | | | |
| FORGINGS | +·0000 -·0005 | +·000 -·005 | +·005 -·005 | | +·030 -·010 | +·030 -·010 | +·030 -·010 | + $\frac{1}{16}$ - $\frac{1}{32}$ | +·015 -·015 | +·015 -·015 | +·010 -·010 | Min. | | | | |
| RFFVV 10 | .6250 | .750 | .562 | .832 | 1.500 | 2.500 | 3.250 | 1.500 | 1.000 | .875 | .750 | .312 | $\frac{5}{8}$ " BSF | $1\frac{1}{8}$ " | 12,080 | .469 |
| RFFLVV 10 | | | | | | | | | | | | | | | | |
| RFFVV 12 | .7500 | .875 | .687 | .978 | 1.750 | 2.875 | 3.750 | 1.750 | 1.125 | 1.000 | .875 | .312 | $\frac{3}{4}$ " BSF | $1\frac{5}{16}$ " | 17,180 | .625 |
| RFFLVV 12 | | | | | | | | | | | | | | | | |

"L" included in the rod end reference number denotes left hand thread.

For further information refer to Technical index.