

HEIM Unibal®

SPHERICAL BEARINGS

ROD ENDS

insert construction

SPECIFICATION

HOUSING CHROMIUM MOLYBDENUM STEEL (OR S97 FOR AIRCRAFT USE).

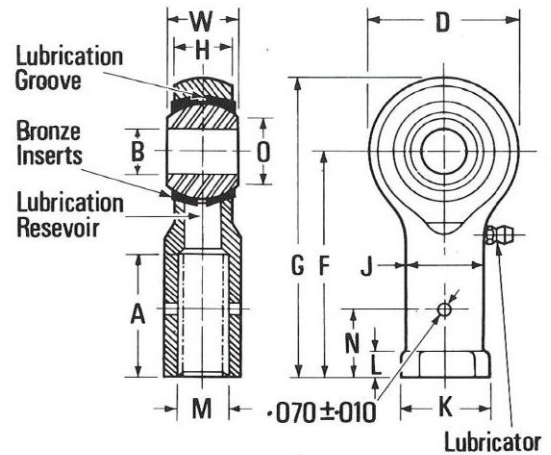
FINISH CADMIUM PLATED TO DTD 904C.

BALL ONE PER CENT CARBON CHROMIUM STEEL (EN31) HEAT TREATED TO 60/62 ROCKWELL 'C'.

FINISH CHROMIUM PLATED ON BEARING SURFACE.

INSERTS ALUMINIUM BRONZE.

ALL DIMENSIONS GIVEN IN INCHES.



RFX extra capacity series female thread

BEARING NUMBER	B	W	H	O	D	F	G	A	K	J	N	L	M	Ball Diameter	Maximum Static Load in Pounds Approx.		Weight in Pounds Approx.
	Bore	Ball Width	Housing Width	Ball Flat Diameter	Head Diameter	Length to Ball Centre	Overall Length								Radial	Axial	
	+ .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					
RFX-4G RFXL-4G	.2500	.375	.281	.355	.750	1.312	1.687	.750	.468	.375	.312	.187	$\frac{1}{4}$ " BSF	$\frac{3}{8}$ $\frac{3}{4}$	5,390	1,710	.062
RFX-5G RFXL-5G	.3125	.437	.344	.447	.875	1.375	1.812	.750	.500	.437	.406	.187	$\frac{5}{16}$ " BSF	$\frac{5}{8}$	7,504	2,376	.078
RFX-6G RFXL-6G	.3750	.500	.406	.517	1.000	1.625	2.125	.937	.687	.562	.469	.250	$\frac{3}{8}$ " BSF	$\frac{23}{32}$	9,589	2,946	.128
RFX-7G RFXL-7G	.4375	.562	.437	.586	1.125	1.812	2.375	1.062	.750	.625	.531	.250	$\frac{7}{16}$ " BSF	$\frac{13}{8}$	11,055	3,367	.172
RFX-8G RFXL-8G	.5000	.625	.500	.698	1.312	2.125	2.781	1.187	.875	.750	.594	.250	$\frac{1}{2}$ " BSF	$\frac{15}{8}$	13,586	4,074	.286
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.					
RFFX-10G RFFXL-10G	.6250	.750	.562	.832	1.500	2.500	3.250	1.500	1.000	.875	.750	.312	$\frac{5}{8}$ " BSF	$1\frac{1}{8}$	17,315	5,146	.469
RFFX-12G RFFXL-12G	.7500	.875	.687	.978	1.750	2.875	3.750	1.750	1.125	1.000	.875	.312	$\frac{3}{4}$ " BSF	$1\frac{5}{16}$	23,234	6,768	.625

"L in bearing number denotes left hand thread
 Suffix "G" in part number indicates unit equipped with lubricator
 Add "U" to the suffix for UNF thread