

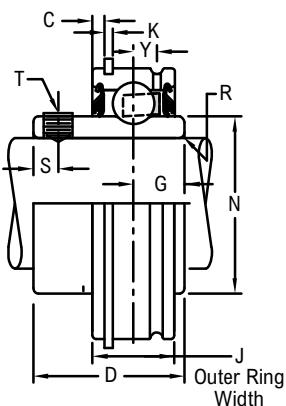
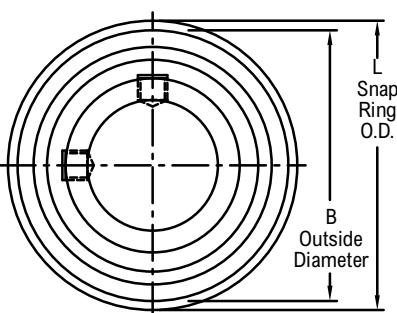
## ER



Photo Shows an ER Adapter Series Ball Bearing Unit

## Product Features

- Broad range of sealing options
- Spring locking setscrew mount
- Sealed & relubricatable
- Cylindrical O.D.
- O.D. mounted snap ring
- See Features & Benefits for additional info.



## Bearing Dimensions

Size Code	Shaft Diameter	Part Number	B O.D.	J Outer Ring Width	L Snap Ring O.D.	C	D	G	K	N	R	S	T Tap Size	Y	Approx. Weight
204	$\frac{1}{2}$	ER8♦• □Δ	1.8504	0.6240	$2\frac{1}{16}$	$\frac{3}{32}$	$1\frac{7}{32}$	0.4050	$\frac{3}{64}$	1.154	0.04	$\frac{15}{64}$	#10-32	0.142	
	$\frac{5}{8}$	ER10♦• □Δ												0.55	
	$\frac{3}{4}$	ER12♦• □Δ												0.54	
205	$\frac{7}{8}$	ER14♦• □Δ	2.0472	0.7490	$2\frac{17}{64}$	$\frac{3}{32}$	$1\frac{3}{8}$	0.5080	$\frac{3}{64}$	1.313	0.04	$\frac{15}{64}$	1/4-28	0.185	
	$\frac{15}{16}$	ER15♦• □Δ												0.65	
	1	ER16♦• □Δ												0.63	
	25.00	ER205♦• □Δ	52.0000	19.0250	57.60	2.40	34.92	12.9000	1.20	33.350	1.00	2.00	M6X1	4.700	0.30
206	$1\frac{1}{8}$	ER18♦• □Δ	2.4409	0.8740	$2\frac{21}{32}$	$\frac{3}{32}$	$1\frac{1}{2}$	0.6250	$\frac{3}{64}$	1.587	0.04	$\frac{1}{4}$	1/4-28	0.224	
	$1\frac{3}{16}$	ER19♦• □Δ												0.94	
	$1\frac{1}{4}$	ER205♦• □Δ												0.90	
	30.00	ER206♦• □Δ	62.0000	22.2000	67.50	2.40	38.10	15.8800	1.20	40.310	1.00	6.40	M6X1	5.690	0.40
207	$1\frac{1}{4}$	ER207♦• □Δ	2.8346	0.9365	$3\frac{5}{64}$	$\frac{1}{8}$	$1\frac{11}{16}$	0.6880	$\frac{1}{16}$	1.847	0.04	$\frac{21}{64}$	5/16-24	0.256	
	$1\frac{3}{8}$	ER22♦• □Δ												1.75	
	$1\frac{7}{16}$	ER23♦• □Δ												1.62	
208	$1\frac{1}{2}$	ER24♦• □Δ	3.1496	1.0927	$3\frac{25}{64}$	$\frac{1}{8}$	$1\frac{15}{16}$	0.7500	$\frac{1}{16}$	2.083	0.06	$\frac{3}{8}$	5/16-24	0.297	2.18
	40.00	ER208♦• □Δ	80.0000	27.7550	86.10	3.20	49.22	19.0500	1.60	52.910	1.60	9.50	M8X1.25	7.540	1.00
209	$1\frac{5}{8}$	ER26♦• □Δ	3.3465	1.0927	$3\frac{19}{32}$	$\frac{1}{8}$	$1\frac{15}{16}$	0.7500	$\frac{1}{16}$	2.281	0.06	$\frac{3}{8}$	5/16-24	0.297	
	$1\frac{11}{16}$	ER27♦• □Δ												2.28	
	$1\frac{3}{4}$	ER28♦• □Δ												2.22	
210	$1\frac{7}{8}$	ER30♦• □Δ	3.5433	1.1240	$3\frac{25}{32}$	$\frac{1}{8}$	$2\frac{1}{32}$	0.7500	$\frac{3}{32}$	2.475	0.06	$\frac{3}{8}$	3/8-24	0.265	
	$1\frac{15}{16}$	ER31♦• □Δ												2.75	
211	2	ER32♦• □Δ	3.9370	1.1860	$4\frac{11}{64}$	$\frac{1}{8}$	$2\frac{3}{16}$	0.8750	$\frac{3}{32}$	2.749	0.08	$\frac{3}{8}$	3/8-24	0.298	
	$2\frac{3}{16}$	ER35♦• □Δ												3.07	
212	$2\frac{1}{4}$	ER36♦• □Δ	4.3307	1.2490	$4\frac{9}{16}$	$\frac{1}{8}$	$2\frac{9}{16}$	1.0000	$\frac{3}{32}$	3.012	0.08	$\frac{3}{8}$	3/8-24	0.330	
	$2\frac{3}{8}$	ER38♦• □Δ												4.48	
	$2\frac{7}{16}$	ER39♦• □Δ												4.38	
214	$2\frac{1}{2}$	ER40♦• □Δ	4.9213	1.3740	$5\frac{9}{32}$	$\frac{5}{32}$	$2\frac{3}{4}$	1.0620	$\frac{7}{64}$	3.433	0.08	$\frac{3}{8}$	3/8-24	0.374	
	$2\frac{11}{16}$	ER43♦• □Δ												5.92	
215	$2\frac{7}{8}$	ER46♦• □Δ	5.1181	1.4990	$5\frac{1}{2}$	$\frac{5}{32}$	$3\frac{1}{16}$	1.3130	$\frac{7}{64}$	3.632	0.08	$\frac{3}{8}$	3/8-24	0.374	
	$2\frac{15}{16}$	ER47♦• □Δ												6.60	
216	3	ER48♦• □Δ	5.5118	1.6865	$5\frac{7}{8}$	$\frac{5}{32}$	$3\frac{1}{4}$	1.3130	$\frac{7}{64}$	3.920	0.12	$\frac{3}{8}$	3/8-24	0.406	
	$3\frac{3}{16}$	ER51♦• □Δ												7.56	

## Additional Notes

- Please call 1-866-REXNORD for availability  
Bearing O.D. tolerance for size code 204, +.0000 in/-0.0005 in  
(+0.000 mm/-0.013 mm): for size code 205 thru 208, +.0000 in/-0.0006 in (+0.000 mm/-0.015 mm): for size code 209 thru 212, +.0000 in/-0.0008 in (+0.000 mm/-0.020 mm): for all other size codes, +.0000 in/-0.0010 in (+0.000 mm/-0.025 mm)  
Lip seals standard  
◆ Available with E1 viton seals for size codes 212 and smaller  
◆ Available with TFF viton seals for size codes above 212

Available with free running style seals, add suffix • FF, □ HFF or Δ MHFF for size codes 212 and smaller  
Add suffix • FF, □ SFF or Δ MKFF for size codes above 212  
For the Selection Guide, Load Ratings and Speed Limits, see the MB Ball Bearing Engineering section  
Note: Dimensions subject to change. Certified dimensions of ordered material furnished on request.