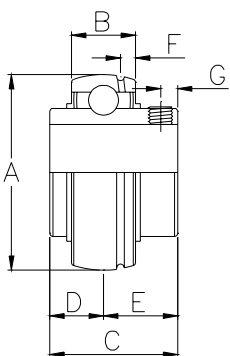


Stainless Steel ER Ball Bearings

These dimensions are generally accurate, however, some products may deviate slightly. If a dimension is critical to your requirement, be sure to state that at time of order.



P/N	Shaft Diameter	A	B	C	D	E	F	G	Weight in lbs.
		in. mm	in. mm	in. mm	in. mm	in. mm	in. mm	in. mm	
ER204-12	3/4"	1.850 47	5/8 16	1-7/32 31	1/2 12.7	23/32 18.3	5/32 4	3/16 5	.35
ER205-16	1"	2.047 52	43/64 17	1-11/33 34	9/16 14.3	25/32 19.7	1/8 3.5	7/32 5.5	.44
ER206-19	1-3/16"	2.441 62	3/4 19	1-1/2 38.1	5/8 15.9	7/8 22.2	11/64 4.5	15/64 6	.71
ER207-20	1-1/4"	2.835 72	25/32 20	1-11/16 42.9	11/16 17.5	1 25.4	11/64 4.5	1/4 6.5	1.05

ER bearings in other shaft sizes are not available in stainless steel. EDT offers a metal treatment process that yields a very non-corrosive steel unit. This alternative is designated with the prefix 'ZC...'. To maximize operation in severe service environments, metal treated ball bearings are offered with solid lubricant. Specify the operating temperature range of solid lubricated bearings:

Note: Solid lubrication may be added to any ball bearing, stainless, metal treated or standard steel

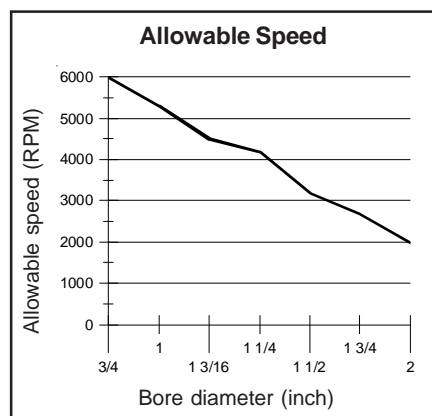
standard (0 to 250 deg F) suffix is "-W"
 medium (250 to 450 deg F) suffix is "-M" if operating in a vacuum, additional suffix is "V"
 high (450 to 650 deg F) suffix is "-T" Example: ZCER204-20-WV
 low (-250 to 0 deg F) suffix is "-B"

Speeds & Loads

(400 SS series)

Maximum speeds and maximum loads for stainless ball bearings are shown below. For optimum bearing life, the appropriate balance of speed and load must be considered. Contact the bearing manufacturer directly for assistance about specific applications.

Maximum Recommended Design Load		
Ring Size	Dynamic lbf/kgf	Static lbf/kgf
203	1825/830	860/390
204	2440/1110	1190/540
205	2650/1210	1420/640
206	3725/1690	2030/920
207	4900/2220	2700/1260
208	5550/2520	3210/1460
209	6250/2830	3690/1690
210	6700/3040	4180/1900



Stainless ball bearings are available through EDT as a convenience to customers. **EDT does not warrant ball bearings nor are they responsible for ball bearing operations.** Contact the bearing manufacturer directly for assistance about specific applications.