

PRODUCT NAME

RA-409

LIFETIME (hrs) as a FUNCTION of RPM & TORQUE						
Torque	RPM					
	50	100	200	500	1000	2000
4	20,000	20,000	20,000	20,000	20,000	11,700
4.5	20,000	20,000	20,000	9,100	4,000	1,700
5	20,000	9,500	4,500	1,650	790	370
5.5	9,500	4,700	2,300	880	420	190
6	5,250	2,500	1,250	480	230	100
6.5	3,100	1,500	750	280	130	60
7	940	940	450	170	80	40

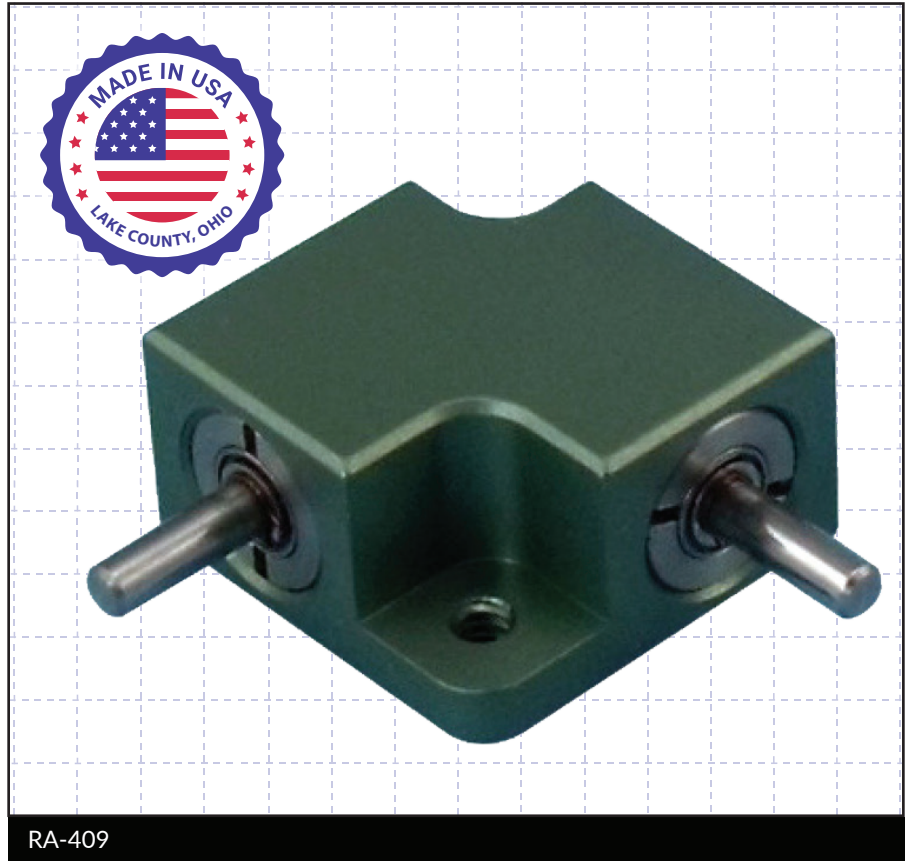
2,000 RPM Maximum
Standard Backlash of 1°

- Torque from 4 to 7 inch*ounces
- Application rated for optimum operation and cost
- You can balance Torque to RPM and Operating Life
- Backlash 1°
- Low Backlash 1/2°
- Weight of only 0.07 lb.
- RPM to 2,000
- Temp range -5° F to +175° F, optional to -40° F
- Made in USA with American CNC machines

MATERIALS

416 Stainless Steel Shafts
Anodized Aluminum Housing
Sealed Steel Ball Bearings
Greased for life: Shell Alvania EP2. Cold temp. grease optional

Exclusive 24 Month Warranty!
See our website for CAD files



RA-409

1:1 GEARBOXES

UNIQUELY RATED SO YOU CAN BALANCE TORQUE TO RPM TO LIFE

ADDITIONAL INFORMATION

Calculations are based on an application factor of 1.25. They apply to a medium impact drive turning a uniform load or a uniform drive turning a moderate impact load. Life Time figures shown are for guidance only. Testing in your application is required. You will need to assess duty cycles and confirm suitability with your own calculations.

TECHNICAL DRAWING

