



**AMPRO ELECTRIC LTD.**  
ECRA / ESA 700918

**TABLE 9-2: RECOMMENDED GREASE REPLENISHMENT QUANTITIES AND INTERVALS FOR GENERAL PURPOSE MOTORS**

Bearing number	Grease fluid ounces (milliliters)	Lubrication intervals (for units in service)		
		3600 rpm	1800 rpm	1200 rpm
6203 through 6208	0.2 (6)	2 years	3 years	3 years
6209 through 6309	0.4 (12)	1 year	2 years	2 years
6310 through 6311	0.6 (18)	1 year	2 years	2 years
6312 through 6317	0.8 (24)	1 year	1 year	1 year
6218 through 6220	1.0 (30)	6 months	1 year	2 years

For motors mounted vertically or in hostile environments, reduce intervals shown by 50 percent.  
Refer to motor nameplate for bearings provided on a specific motor.  
For bearings not listed in the table above, calculate the amount of grease required by these formulas:

**G Imperial = 0.11 x D x B**

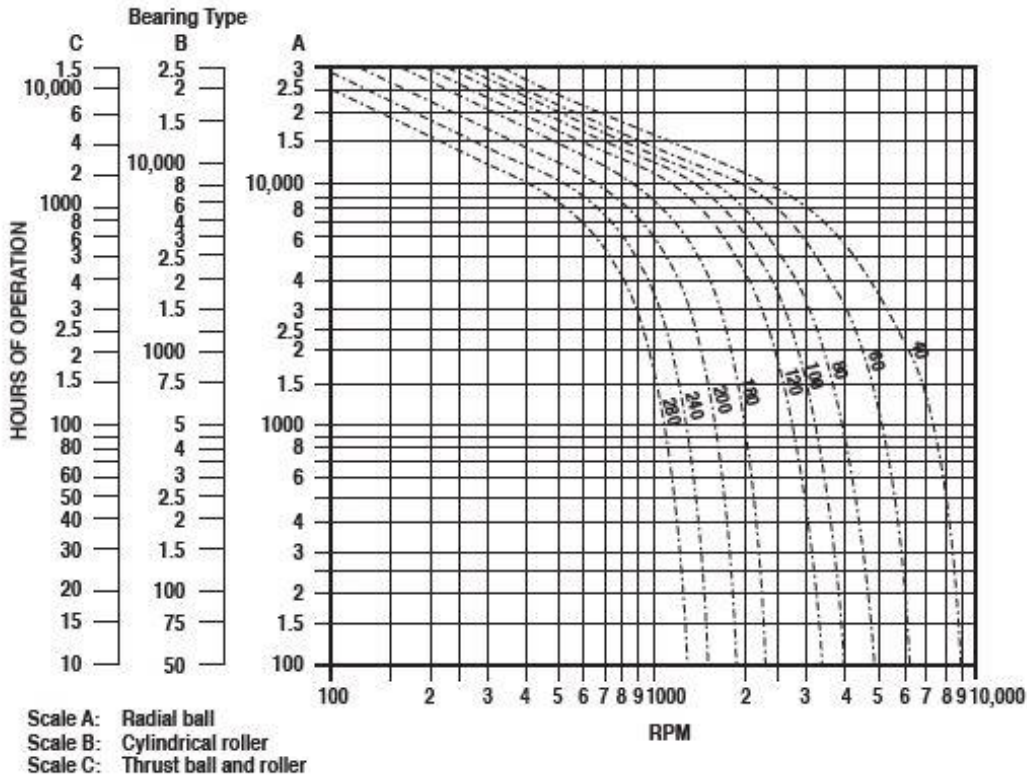
Where:  
G = Quantity of grease in fluid ounces.  
D = Outside diameter of bearing in inches.  
B = Width of bearing in inches.

**G Metric = 0.005 x D x B**

Where:  
G = Quantity of grease in milliliters  
D = Outside diameter of bearing in millimeters  
B = Width of bearing in millimeters

**FIGURE 9-7**

Grease relubrication intervals for normal operating conditions can be read as a function of bearing speed and bore. This diagram is valid for bearings on horizontal shafts in stationary machines under normal conditions. The curves represent the internal diameter of the bearings in mm.



Relubrication intervals for rolling element bearings. Based on information provided by NSK Bearing Corp.