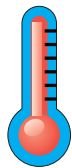
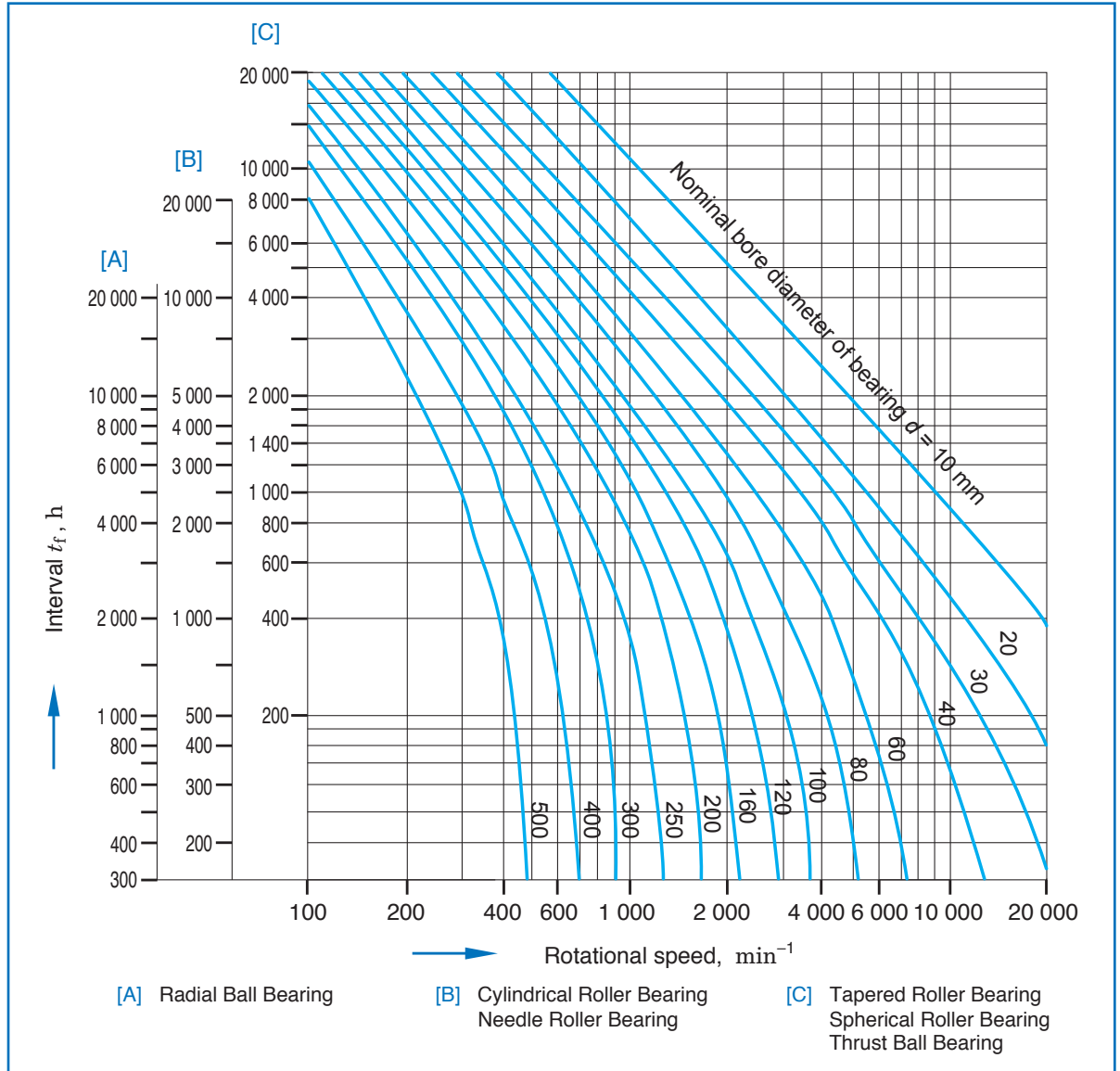


Bearing Lubrication Guide

Regreasing Interval Chart



Temperature Correction

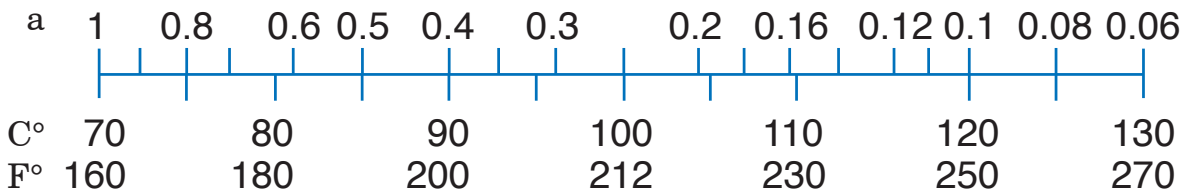
When the bearing operating temperature exceeds 70°C , t_f' , obtained by multiplying t_f by correction coefficient a , found on the scale below, should be applied as the feeding interval.

$$t_f' = t_f$$

$$t_f' = \text{Grease interval time corrected for temperature}$$

$$t_f = \text{Grease interval time for size \& speed only}$$

Temperature correction factor "a"



Bearing operating temperature

Relubricating Bearings in Motors

RPM	Frame Size/Range	HP	Time of Operation	
			8 Hrs/Day	24 Hrs/Day
3600	~ 184T	0.5 ~ 7.5	6 months	3 months
	213T ~ 286TS	10 ~ 40	4 months	2 months
	324TS ~ 405TS	50 ~ 150	4 months	2 months
1800	143T ~ 213T	0.5 ~ 7.5	18 months	9 months
	215T ~ 324T	10 ~ 40	9 months	4 months
	326T ~ 444TS	50 ~ 150	9 months	4 months
1200	145T ~ 254T	0.5 ~ 7.5	24 months	12 months
	256T ~ 364T	10 ~ 40	12 months	6 months
	365T ~ 445T	50 ~ 150	12 months	6 months
900	182T ~ 256T	0.5 ~ 7.5	24 months	12 months
	284T ~ 365T	10 ~ 40	12 months	6 months
	404T ~ 445T	50 ~ 150	12 months	6 months

Calculating Amount of Lubrication Needed

Metric Weight (Grams)

$$G = 0.005 \times D \times B$$

Where

G = Amount of Grease Grams

D = O.D. of Bearing in mm

B = Width of Bearing in mm

English Weight (Ounces)

$$G = 0.114 \times D \times B$$

Where

G = Amount of Grease in Ounces

D = O.D. of Bearing in Inches

B = Width of Bearing in Inches