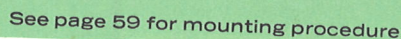


CAGED NEEDLE ROLLER BEARINGS



DC NEEDLE &
ROLLER BRGS

factor LF

hours (L-10)

20 30 40 50 60 70 80 100 150 200 300 400 500 600 800 1000 1500 2000 3000 4000 7000 10000 15000 20000 30000 40000

0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 2.0 2.5 3.0 3.5

MOUNTING — mounting dimensions above are based on the inner ring rotating and the outer ring being stationary relative to the load. The housing should be of high strength material. See pp. 54-55 for discussion of shaft and housing design.