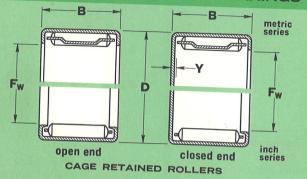
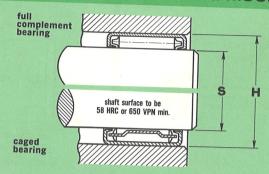
DRAWN CUP BEARINGS

CAGED NEEDLE ROLLER BEARINGS



Co

DIMENSIONS FOR BEARING MOUNTING



See page 59 for mounting procedure

bearing designation basic dynamic load rating limiting basic static load speed shaft raceway diameter end thickness caged bearings only ISO housing bore rating R 281 millimetres (max.) millimetres inches lbf lbf mm inch rpm max. min. max. min. min. max. min. max. 9,525 9,512 .3745 J-65 .3750 14.275 MJ-651 345 14,300 .5620 .5630 414 258 .04 1,0 36000 9,525 9,512 .3750 .3745 14,275 14,300 .5620 J-66 .5630 MJ-661 487 585 403 1,0 .04 36000 9.525 9.512 .3750 .3745 14.275 14,300 .5620 .5630 9,525 9,512 .3750 .3745 14,275 14,300 .5620 J-68 MJ-681 .5630 743 891 692 1,0 .04 36000 9,525 9,512 .3750 .3745 14.275 14,300 .5620 .5630 9,525 9.512 .3750 .3745 14,275 14,300 .5620 .5630 9.525 9,512 .3750 .3745 14,275 14,300 .5620 JH-68 .5630 MJH-681 926 1110 777 1,0 .04 38000 9,525 9,512 .3750 .3745 15.862 15,887 .6255 .6245 FJ-1010 MFJ-1010 491 589 454 0,8 .03 34000 10,000 9,991 .3937 .3933 FJH-1010 13,977 MFJH-1010 799 13,995 665 .5503 .5510 519 1.0 .04 35500 10,000 9,991 .3937 .3933 15,977 15,995 .6290 .6297 11,112 11,099 .4375 .4370 15.862 15.887 .6245 .6255 11,112 11,099 .4375 .4370 15.862 15,887 J-78* .6245 .6255 MJ-781* 822 988 808 1,0 .04 30000 11.112 11,099 .4375 .4370 15,862 15,887 .6245 .6255 11,112 11,099 .4375 .4370 15,862 15,887 .6245 .6255 IH-78 MJH-781 997 1200 855 1.0 04 32000 11,112 11,099 .4375 .4370 17,450 17,475 .6870 .6880 FJ-1210 MFJ-1210 520 626 499 0.8 .03 28000 12,000 11,989 .4724 .4720 15,977 15,995 .6290 JH-1212 MFJH-1212 .6297 899 1080 788 1.0 .04 29000 12,000 11,989 .4724 .4720 17,977 17,995 .7078 .7085 12,700 12,687 .5000 -85 MJ-851 .4995 17,450 17,475 .6870 415 .6880 500 344 1,0 .04 26000 12,700 12.687 .5000 .4995 17,450 17,475 .6870 .6880 12,700 12,687 .5000 .4995 17,450 17,475 .6870 .6880 12,700 12,687 .5000 .4995 17,450 17,475 .6870 88* .6880 MJ-881* 894 1070 923 1,0 .04 26000 12,700 12,687 .5000 .4995 17,450 17,475 .6870 .6880 12,700 12,687 .5000 812 .4995 17,450 17,475 .6870 1460 .6880 1760 1740 26000 12,700 12,687 .5000 .4995 17,450 17,475 1-87 .6870 .6880 MJH-871 886 1060 737 1,0 .04 28000 12,700 12,687 .5000 4995 1-88 MJH-881 19,037 19.062 1060 .7495 1280 .7505 932 1,0 .04 28000

1.3 1.4 1.5 1.6 1.7 1.8 1.9 2.0 life 100 60 70 80 150 1500 10000 15000 20000

28000

12,700

12,700

12,700

12,687

12,687

12,687

.5000

.5000

.5000

.4995

4995

.4995

19,037

19,037

19.037

19,062

19.062

19,062

.7495

.7495

.7495

.7505

.7505

.7505

.04

-812

MJH-8121

1780

2140

1810

1,0

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.

DC NEEDLE & ROLLER BRGS.

^{*}Also available with plastic cage. Add suffix "F" to bearing number to specify. For example: FJ-1212-F Consult the Torrington Engineering Department for the mass of any bearing (formerly denoted as "bearing weight").