



FIG. 2.9 Free-convective heat-transfer coefficient h for heat transfer between helium gas and horizontal cylindrical solids of diameter D at 4.2 K , for use with Eq. (2.15) (Data evaluated by Marquardt 2002 from free-convection correlation data for fluids and gases compiled by McAdams 1954 and reproduced by Kreith and Bohn 2001.)