Grade 300 UB Strong Axis Bending 610UB125 310UB40.4 610UB113 310UB32 10³ 610UB101 250UB37.3 530UB92.4 250UB31.4 530UB82 250UB25.7 460UB82.1 200UB29.8 460UB74.6 200UB25.4 460UB67.1 200UB22.3 410UB59.7 200UB18.2 180UB22.2 460UB53.7 180UB18.1 360UB56.7 360UB50.7 ----- 180UB16.1 360UB44.7 150UB18.0 310UB46.2 150UB14 610UB125 610UB113 10² 610UB101 530UB92.4 460UB82.1 530UB82 460UB74.6 $\alpha_s \phi M_s \, [\text{kN·m}]$ 460UB67.1 410UB59.7 360UB56.7 460UB53.7 360UB50.7 310UB46.2 360UB44.7 310UB40.4 250UB37.3 250UB31.4 200UB29.8 10^1 310UB32 200UB25.4 250UB25.7 200UB22.3 180UB22.2 200UB18.2 180UB18.1 150UB18.0 180UB16.1 150UB14 0.0 2.5 5.0 7.5 10.0 12.5 15.0 17.5 20.0 Effective Length [m]