



$Re = 0.04$

$Ri = 0.1$

$e = 1.0 \text{ cm}, k = 0.2$

$e = 1.2 \text{ cm}, k = 0.13$

$e = 5.0 \text{ cm}, k = 0.2$

$e = 5.0 \text{ cm}, k = 1.5$

$k_{metal} = 50 \text{ W/mK}$

Profile thickness = 0 mm

Theoretical R without thermal bridge:  $0.57 \text{ m}^2\text{K/W}$

Calculated R with thermal bridge:  $0.58 \text{ m}^2\text{K/W}$