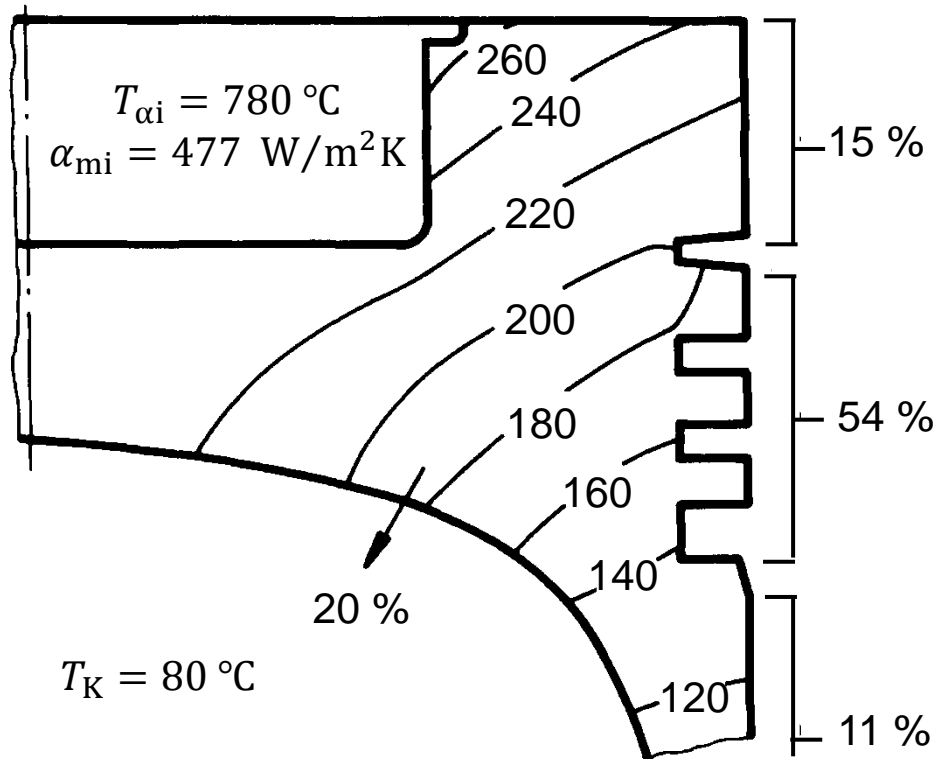
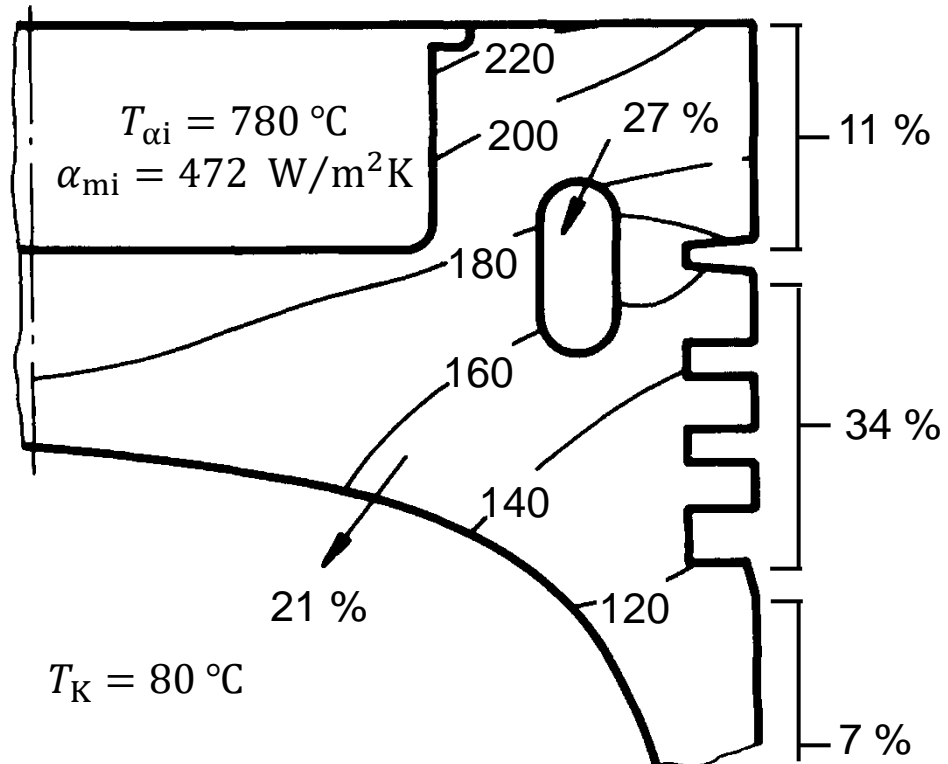


Direct injection, boosted,  $s/D$  ratio = 0.94,  $p_{me} = 11$  bar,  $n = 1500$  min<sup>-1</sup>



w/o cooling duct



with cooling duct