

Just another example:

Steps:

1. Calculate the value of $e^{\mu\alpha}$
2. Make a join with smaller ratio than the value of $e^{\mu\alpha}$
3. Now you can convey unlimited load without slip.

If: $\mu=0,4$; $\alpha=4,7$ (270°)

1. $e^{\mu\alpha} = 6,5$
2. I choose, by way of example, ratio 5/1

$$F1/F2 = 5 < e^{\mu\alpha} = 6,5$$

