

**Ges:** Umdrehungen des Motors um bestimmten Schwenkwinkel zu erreichen  
(Rotations of stepping motor to achieve a certain pivoting angle)

**Geg:** Geräte-ID: 117264  
 Schwenkwinkel (pivot angle) [γ]: 0°  
 Getriebe (gear) [i]: 20/1  
 Spindelsteigung (pitch of spindle) [P]: 2 mm  
 Zentrum (centre of rotation) [c=e]: 670 mm  
 Abstand (distance) [d]: 184 mm

**Lsg:**

b (constant) =	694.806 mm	$b \equiv \sqrt{c^2 + d^2}$
β (const) =	15.356 °	$\beta = \arctan (d/e)$
α =	15.356 °	$\alpha = \beta - (-1\gamma)$
a =	184.000 mm	$a \equiv \sqrt{b^2 + c^2 - 2 b c \cos\alpha}$
x =	0.000 mm	$x =   a - d  $ (Verfahrbew. Spindelmutter.)
n =	0.000	$n = x * i / P$

