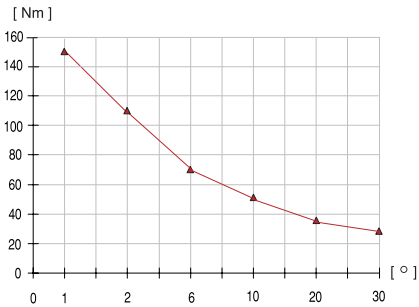


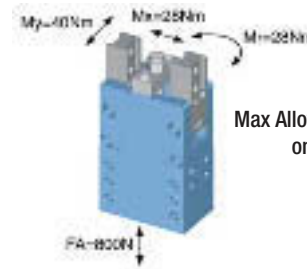
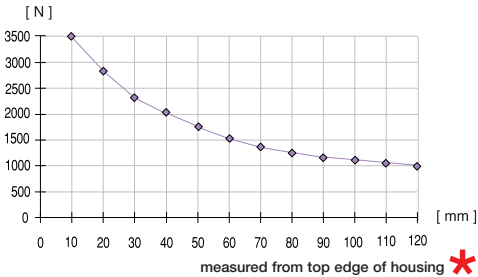
# Pivoting arm gripper

Advantages, benefits, comparisons and tips!  
Stacks of information all about this product are  
on page 147.

## Gripping force as a function of opening angle



## Gripping force as a function of jaw length (measured at 1° opening angle)



Max Allowable Forces  
on Jaws

Sommer-automatic

Grippers

Separators

Swivel units

Rotating jaws

Axial compensators

Tool changers

Linear cylinders

Shock absorbers

Rotary cylinders

Air vane motors

Vacuum components

Accessories

Quick finder

Order no.:

**GK50  
N**

Drive:

pneum.

Stroke per jaw [°]:

90

Gripping force in closing [N]\*\*:

3500

Gripping torque in closing [Nm]:

150

Self-locking via:

mech.

Closing time/opening time [s]:

0,5

Repeatability ± [mm]:

0,1

Min./max. operating pressure [bar]:

4/10

Air volume per cycle [cm³]:

160

Min./max. operating temperature. [°C]:

5/80

Temp. resistant version up to 150°C [add to part number]:

T2

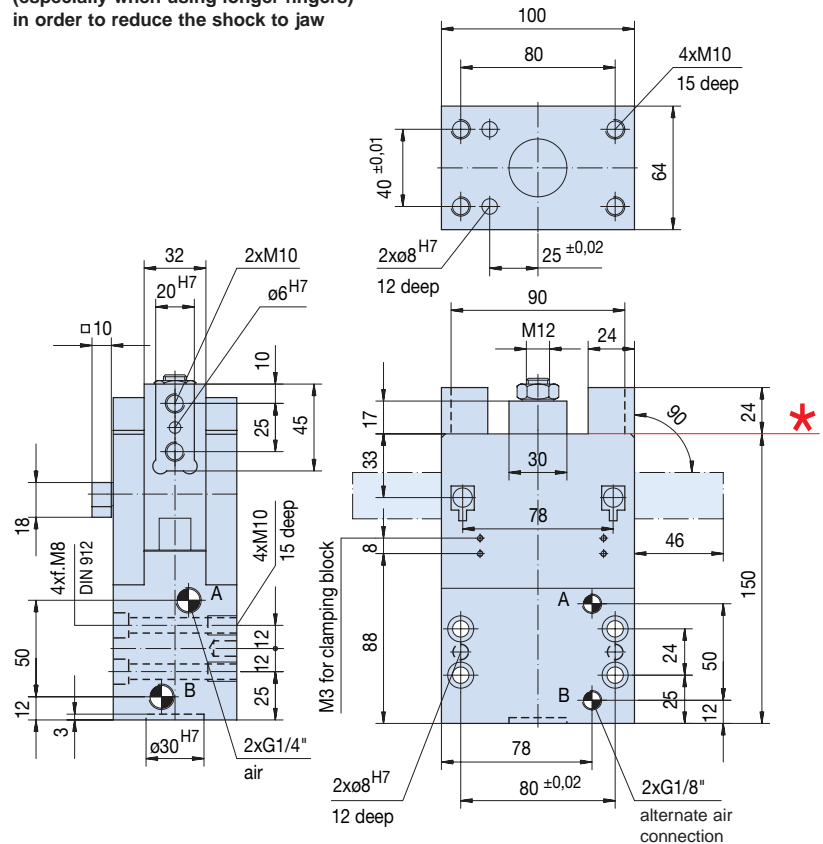
Piston diameter [mm]:

50

Weight [kg]:

2,842

Flow control valves are recommended  
(especially when using longer fingers)  
in order to reduce the shock to jaw



All data measured at 6 bar.

See Page 147 for Accessory list.

\*\* Measured at 10 mm from top edge of housing. \*