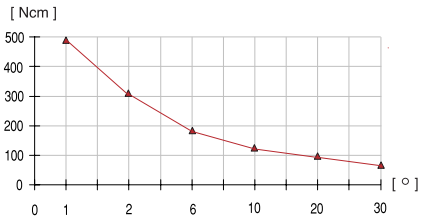
Pivoting arm gripper

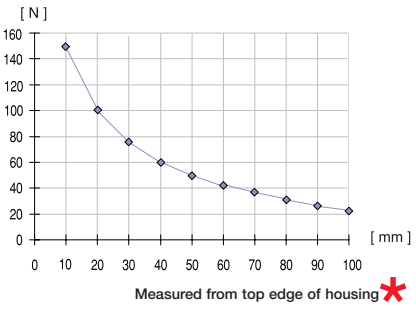
Sommer-automatic
Grippers
Separators
Swivel units
Rotating jaws
Axial compensators
Tool changers
Linear cylinders
Shock absorbers
Rotary cylinders
Air vane motors
Vacuum components
Accessories
Quick finder

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

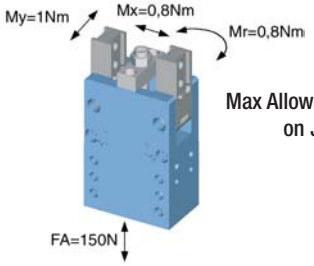
Gripping force as a function of opening angle



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

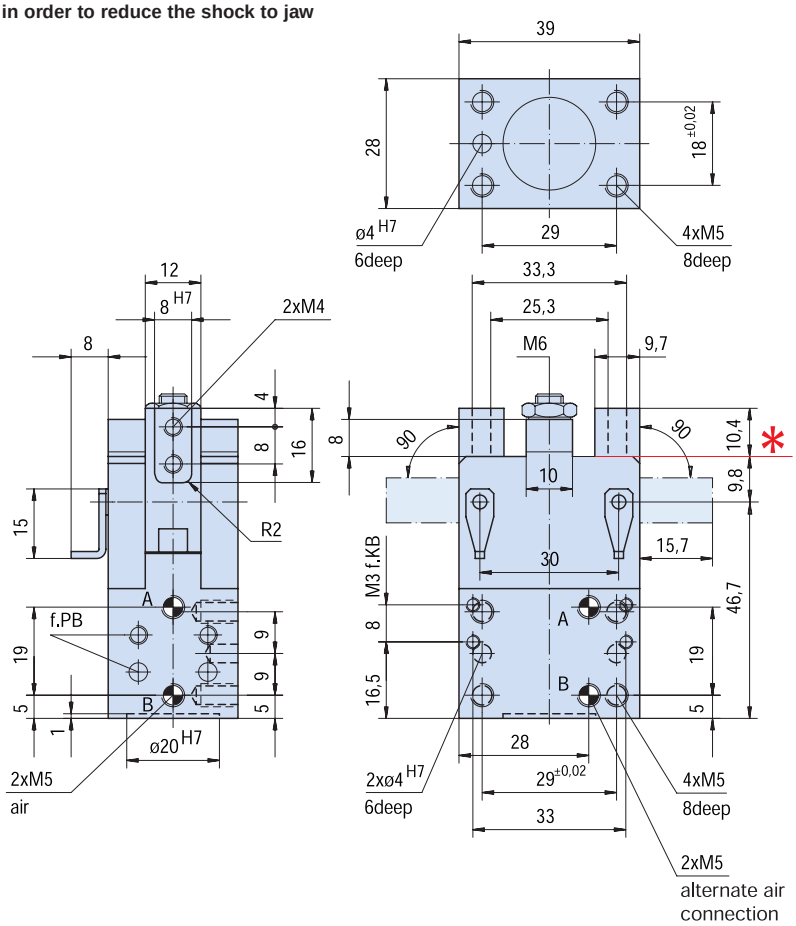


Measured from top edge of housing *



Max Allowable Forces on Jaws

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



Order no.:
GK20 N
Drive:
pneum.
Stroke per jaw [°]:
90
Gripping force in closing [N]:**
150
Gripping torque in closing [Ncm]:
500
Self-locking via:
mech.
Closing time/opening time [s]:
0,25
Repeatability ± [mm]:
0,1
Min./max. operating pressure [bar]:
4/10
Air volume per cycle [cm³]:
9
Min./max. operating temperature. [°C]:
5/80
Temp. resistant version up to 150°C [add to part number]:
T2
Piston diameter [mm]:
20
Weight [kg]:
0,25

All data measured at 6 bar.

See Page 147 for Accessory list.

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