

Parallel gripper Three-jaw gripper Angle gripper Internal-hole gripper Other grippers Electric gripper

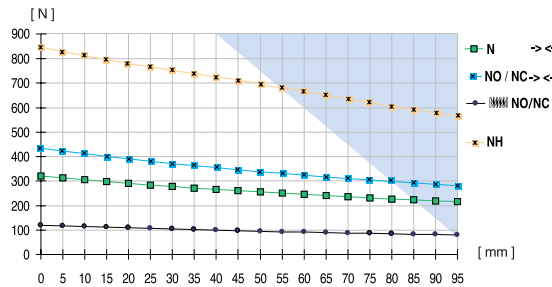
GP1803	GP1804	GP1806	GP1808	GP1810	GP1812	GP1816	GP1820	GP1830	Universal Jaw
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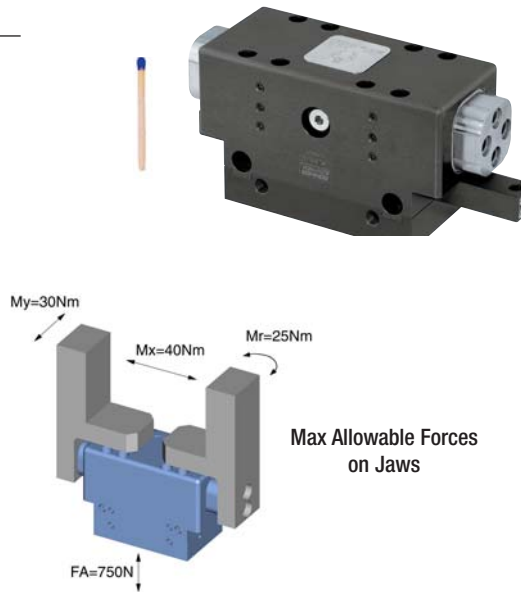
Parallel gripper

with sealed 4-sided guide

Advantages, benefits, comparisons and tips!
Stacks of information all about this product are on page 35.



Colored area: increased wear and tear to be expected



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.:			
GP1808 N	GP1808 NC	GP1808 NO	GP1808 NH
Drive:			
pneum.	pneum.	pneum.	hydr.
Stroke per jaw [mm]:			
8	8	8	8
Gripping force in closing and opening [N]:			
-	-	-	840
Gripping force in closing [N]:			
320	430	-	-
Gripping force in opening [N]:			
560	-	680	-
Self-locking via:			
DSV1/8	Spring	Spring	-
Closing time/opening time [s]:			
0,05	0,06	0,06	0,2
Repeatability ± [mm]:			
0,05	0,05	0,05	0,025
Min./max. operating pressure [bar]:			
-	-	-	10 / 30
Min./max. operating pressure for closing [bar]:			
3 / 8	3 / 8	5 / 8	-
Min./max. operating pressure for opening [bar]:			
3 / 4	5 / 8	3 / 4	-
Air volume per cycle [cm³]:			
25	42	42	-
Oil volume per cycle [cm³]:			
-	-	-	25
Min./max. operating temperature [°C]:			
5 / 80	5 / 80	5 / 80	5 / 80
Temp. resistant version up to 150°C [add to part number]:			
T3	T3	T3	T3
Piston diameter [mm]:			
35	35	35	24
Weight [kg]:			
0,6	0,7	0,7	0,6

All data measured at 6 bar (hydr. 30 bar).

See Page 35 for Accessory list.

