

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

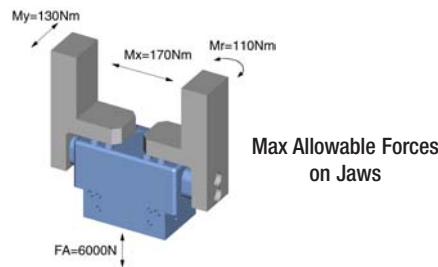
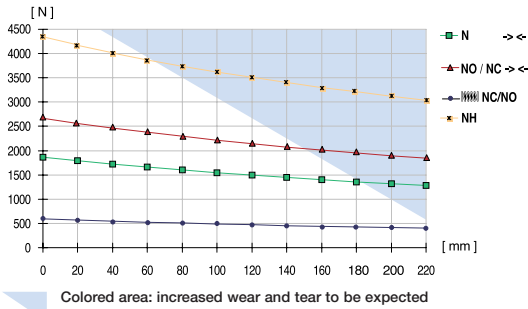


Parallel gripper

with sealed 4-sided guide

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

Gripping force as a function of jaw length



- 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.:			
GP1820 N	GP1820 NC	GP1820 NO	GP1820 NH
Drive:			
pneum.	pneum.	pneum.	hydr.
Stroke per jaw [mm]:			
20	20	20	20
Gripping force in closing and opening [N]:			
1880	-	-	4380
Gripping force in closing [N]:			
-	2630	-	-
Gripping force in opening [N]:			
-	-	2630	-
Self-locking via:			
DSV1/8	Spring	Spring	-
Closing time/opening time [s]:			
0,2	0,3	0,3	0,5
Repeatability ± [mm]:			
0,05	0,05	0,05	0,05
Min./max. operating pressure [bar]:			
4 / 8	5 / 8	5 / 8	10 / 30
Air volume per cycle [cm³]:			
300	650	650	-
Oil volume per cycle [cm³]:			
-	-	-	100
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]:			
80	80	80	55
Weight [kg]:			
6	7,3	7,3	6,2

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

See Page 35 for Accessory list.

