

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		

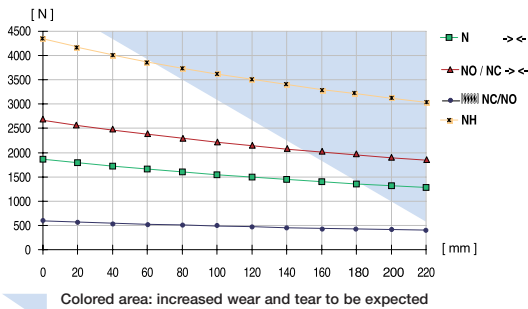


Parallel gripper

with sealed 4-sided guide

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

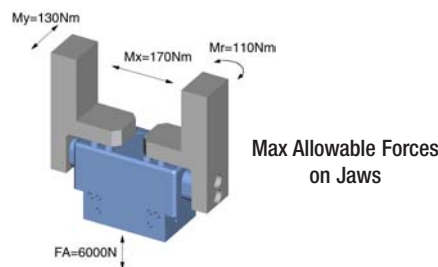
Gripping force as a function of jaw length



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.



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

