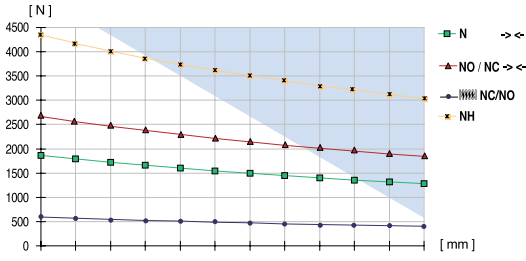


Parallel gripper

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

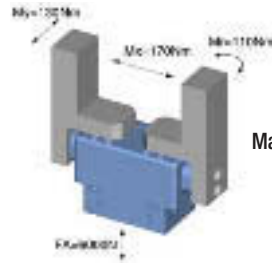


Colored area: increased wear and tear to be expected

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.



Max Allowable Forces on Jaws

