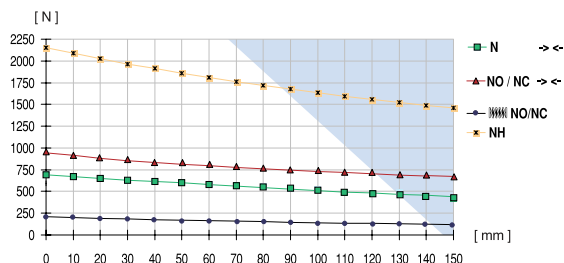


Parallel gripper

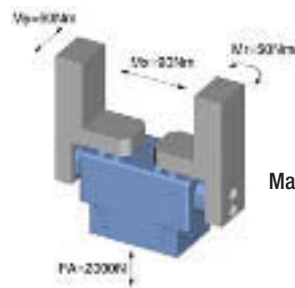
with sealed 4-sided guide

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



Max Allowable Forces on Jaws

Order no.:			
GP1812 N	GP1812 NC	GP1812 NO	GP1812 NH
Drive:			
pneum.	pneum.	pneum.	hydr.
Stroke per jaw [mm]:			
12	12	12	12
Gripping force in closing and opening [N]:			
690	-	-	2150
Gripping force in closing [N]:			
-	960	-	-
Gripping force in opening [N]:			
-	-	960	-
Self-locking via:			
DSV1/8	Spring	Spring	-
Closing time/opening time [s]:			
0,07	0,09	0,09	0,2
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]:			
72	133	133	-
Oil volume per cycle [cm³]:			
-	-	-	50
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]:			
50	50	50	40
Weight [kg]:			
1,6	2	2	1,7

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

See Page 35 for Accessory list.

