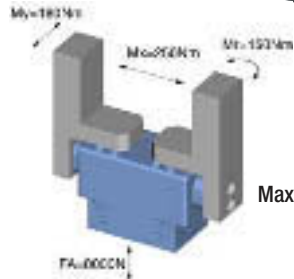
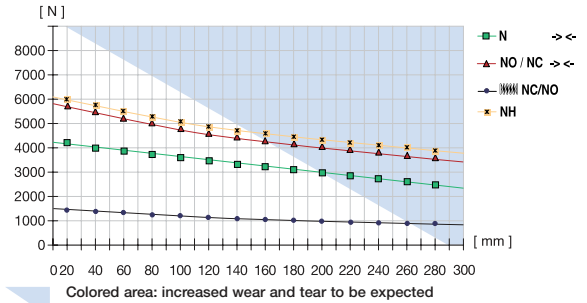


Parallel gripper

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



Max Allowable Forces on Jaws

Order no.:

GP1830 N	GP1830 NC	GP1830 NO	GP1830 NH
Drive:			
pneum.	pneum.	pneum.	hydr.
Stroke per jaw [mm]:			
30	30	30	30
Gripping force in closing and opening [N]:			
4100	-	-	6200
Gripping force in closing [N]:			
-	5750	-	-
Gripping force in opening [N]:			
-	-	5750	-
Self-locking via:			
DSV1/8	Spring	Spring	-
Closing time/opening time [s]:			
0,3	0,4	0,4	0,6
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]:			
730	1020	1020	-
Oil volume per cycle [cm³]:			
-	-	-	230
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]:			
115	115	115	64
Weight [kg]:			
16	22	22	17

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

See Page 35 for Accessory list.

