

Parallel gripper

Three-jaw gripper

Angle gripper

Internal-hole gripper

Other grippers

Electric gripper

GD1704

GD1706

GD1708

GD1710

GD1712

GD1716

GD1720

Universal jaw



Sommer-automatic

Grippers

Separators

Swivel units

Rotating jaws

Axial compensators

Tool changers

Linear cylinders

Shock absorbers

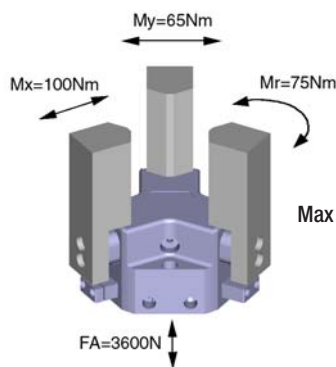
Rotary cylinders

Air vane motors

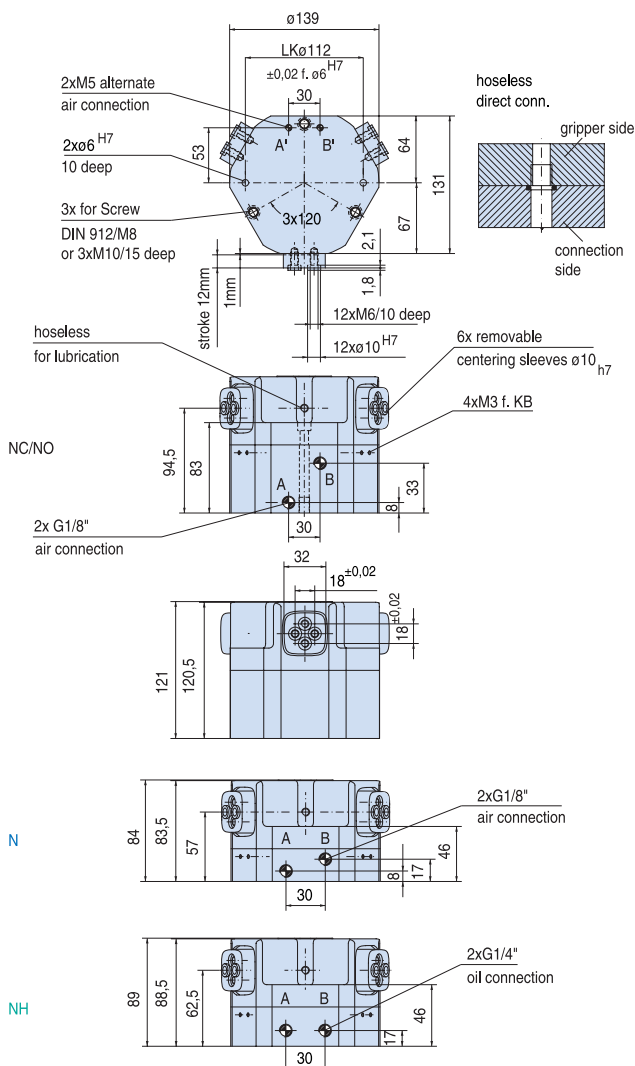
Vacuum components

Accessories

Quick finder



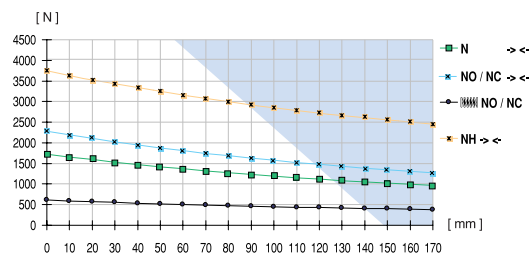
Max Allowable Forces on Jaws



Three-jaw gripper with sealed 4-sided guide

Advantages, benefits, comparisons and tips! Stacks of information all about this product are on page 115.

Gripping force as a function of jaw length



Colored area: increased wear and tear to be expected

Order no.:

GD1712 N	GD1712 NC	GD1712 NO	GD1712 NH
Drive:			
pneum.	pneum.	pneum.	hydr.
Stroke per jaw [mm]:			
12	12	12	12
Gripping force in closing [N]:			
1700	2250	-	3650
Gripping force in opening [N]:			
2600	-	2900	4150
Self-locking via:			
DSV1/8	Spring	Spring	-
Closing time/opening time [s]:			
0,2	0,25	0,25	0,6
Repeatability ± [mm]:			
0,05	0,05	0,05	0,05
Min./max. operating pressure [bar]:			
3/8	5/8	5/8	10/30
Air volume per cycle [cm³]:			
183	350	350	-
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]:			
83	83	83	55
Weight [kg]:			
3,60	5,30	5,30	3,60

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

See Page 115 for Accessory list.