

Three-Jaw Gripper



Picture shows MGD812NC

Included with purchase



Centring sleeve
Order no.: **BDST41000**

Recommended accessories



Pneumatic fittings
Order no.: **WV1/8X6**



Magnetic field sensor
Order no.:
MFS103KHC87



Magnetic field sensor
Order no.:
MFS103SKHC87



Cable angled plug
Order no.: **KAW500**



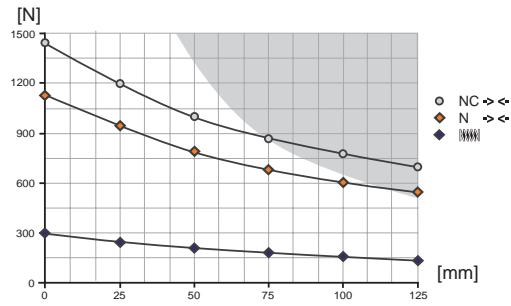
Plug 3- pole
Order no.: **S12-G-3**



Pressure safety valve
Order no.: **DSV1/8**

Gripping force diagram

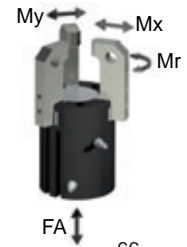
Gripping force as a function of jaw length.



Colored area: increased wear and tear to be expected

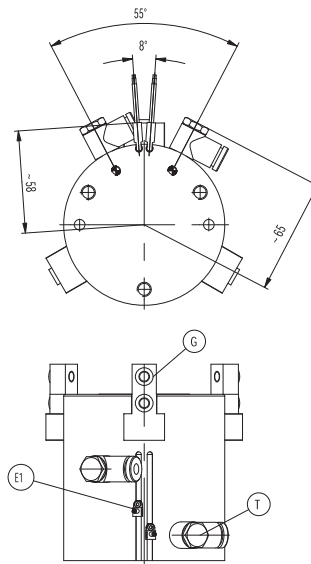
Forces and Moments

Max. allowable forces and moments on jaws.



Mr [Nm]:	66
Mx [Nm]:	70
My [Nm]:	104
Fa [N]:	1.500

Accessory

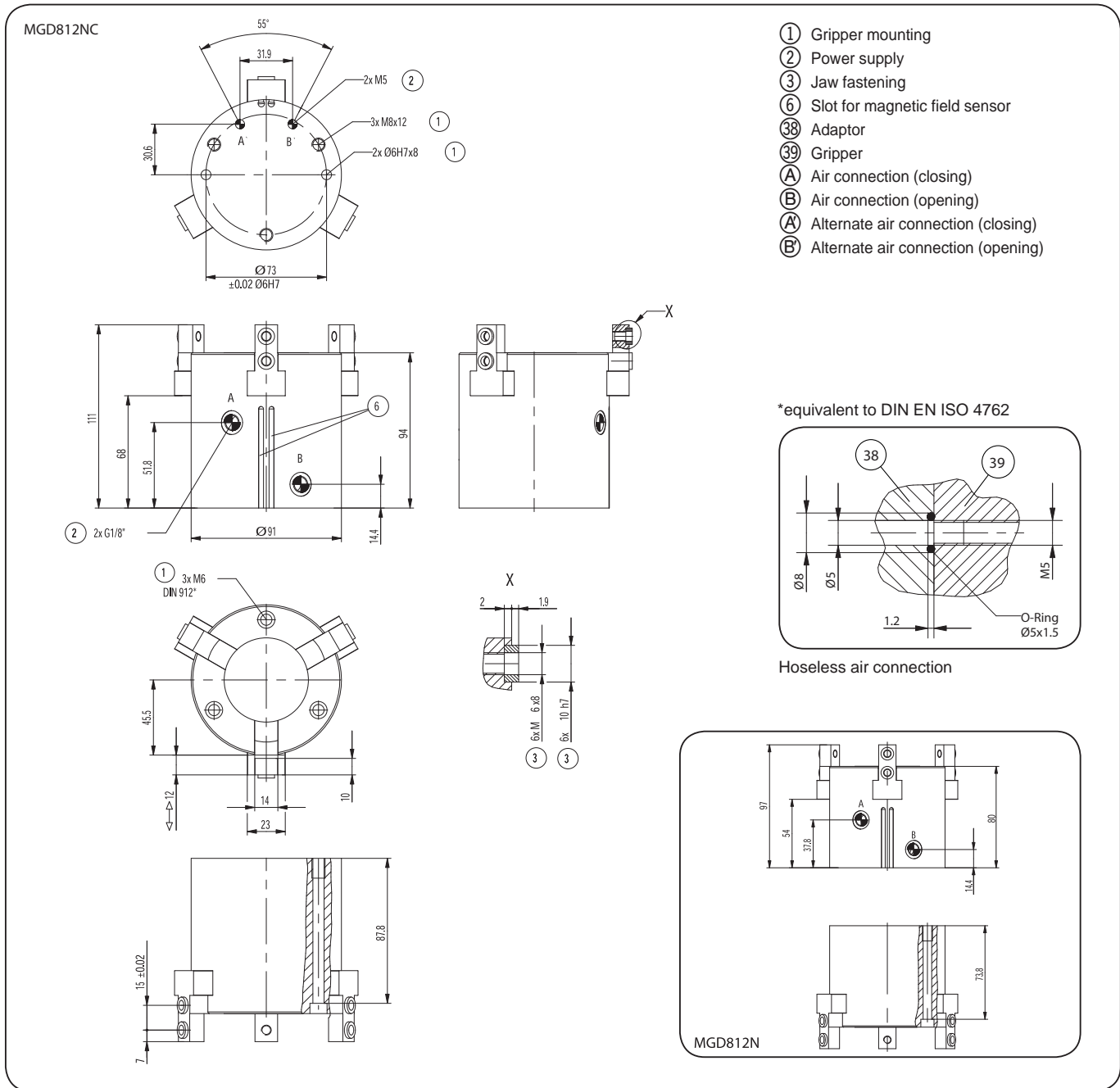


Subject to change without prior notice

Order no.:	MGD812N	MGD812NC
Stroke per jaw [mm]:	12	12
Gripping force in opening [N]:	1.200	-
Gripping force in closing [N]:	1.130	1.420
Repeatability +/- [mm]:	0,02	0,02
Gripping force secured by spring min. [N]:	-	290
Closing time / opening time [s]:	0,12	0,12/0,17
Operating pressure min. [bar]:	3	4
Operating pressure max. [bar]:	8	8
Operating temperature [°C]*:	5-80	5-80
Air volume per cycle [cm³]:	69	97
Weight [kg]:	1,670	2,000

All data measured at 6 bar

* High-temperature-resistant model (up to 150°C) add T to part number



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