

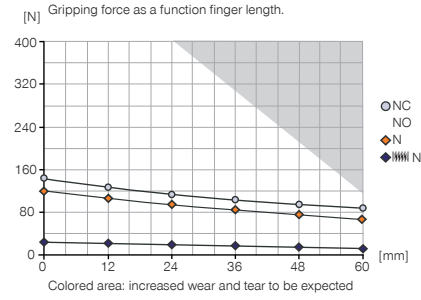
2-JAW PARALLEL ROTARY GRIPPERS

INSTALLATION SIZE DGP404

PRODUCT SPECIFICATIONS

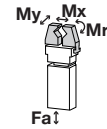


Gripping moment diagram



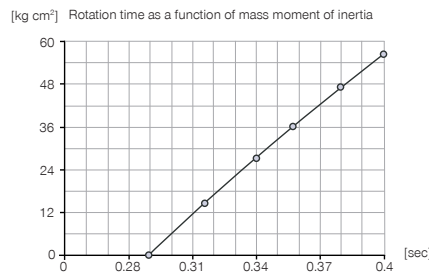
Forces and moments

Displays static forces and moments that can also have an effect, besides the gripping force.



Mr [Nm]	8
Mx [Nm]	15
My [Nm]	10
Fa [N]	300

Rotation time diagram



INCLUDED IN DELIVERY



Flow Control Valves - with Swivel joint
DRVM5X4



Centering Disc
DST40400



Stop 90° + 180°
ANS0065

RECOMMENDED ACCESSORIES



Magnetic field sensor
Angled Cable 5 m
MFS103KHC



Magnetic field sensor
Angled Cable 0,3 m -
Connector M8
MFS103SKHC



Magnetic field sensor
Straight Cable 5 m
MFS204KHC



Magnetic field sensor
Straight Cable 0,3 m -
Connector M8
MFS204SKHC



Straight Fittings - Quick
Connect Style
GVM5

► Technical Data*

Order no.	DGP404N	DGP404NC	DGP404NO
Stroke per jaw [mm]	4	4	4
Gripping force in opening [N]	115		155
Gripping force in closing [N]	115	155	
Gripping force secured by spring min. [N]		40	40
Closing time / Opening time [s]	0.01 / 0.01	0.015 / 0.015	0.015 / 0.015
Torque [Nm]	0.5	0.5	0.5
Repetition accuracy +/- [mm]	0.05	0.05	0.05
Repetition accuracy +/- [°]	0.05	0.05	0.05
Axial bearing load [N]	960	960	960
Radial bearing load [Nm]	10	10	10
Operating pressure [bar]	3 / 8	3 / 8	3 / 8
Operating temperature [°C]	5 ... 80	5 ... 80	5 ... 80
Air volume per cycle [cm ³]	3	5	5
Air volume per cycle 90° [cm ³]	4.5	4.5	4.5
Air volume per cycle 180° [cm ³]	9	9	9
Weight [kg]	0.44	0.48	0.48

*All data measured at 6 bar

