

2-JAW ANGULAR ROTARY GRIPPERS

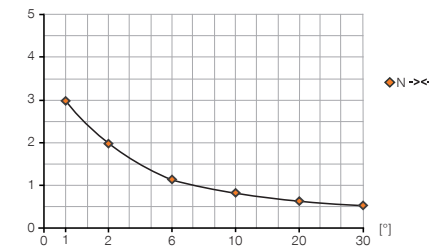
INSTALLATION SIZE DGK20

▶ PRODUCT SPECIFICATIONS



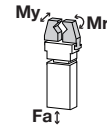
▶ Gripping moment diagram

[Nm] Gripping force as a function of opening angle.



▶ Forces and moments

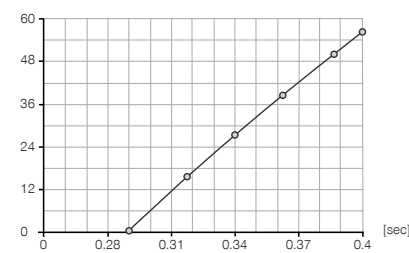
Displays static forces and moments that can also have an effect, besides the gripping force.



Mr [Nm]	0.8
Mx [Nm]	0.8
My [Nm]	1
Fa [N]	150

▶ Rotation time diagram

[kg cm²] Rotation time as a function of mass moment of inertia



▶ INCLUDED IN DELIVERY



Flow Control Valves - with Swivel joint

DRVM5X4



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.	DGK20N
Stroke per jaw [°]	90
Gripping force in closing [N]	150
Gripping moment in closing [Nm]**	3
Closing time [s]	0.25
Opening time [s]	0.25
Torque [Nm]	0.5
Repetition accuracy +/- [mm]	0.1
Repetition accuracy +/- [°]	0.05
Axial bearing load [N]	960
Radial bearing load [Nm]	10
Operating pressure min. [bar]	3
Operating pressure max. [bar]	8
Operating temperature min. [°C]	5
Operating temperature max. [°C]	+80
Air volume per cycle [cm ³]	9
Air volume per cycle 90° [cm ³]	4.6
Air volume per cycle 180° [cm ³]	9.2
Weight [kg]	0.55

*All data measured at 6 bar

