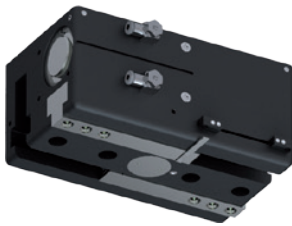


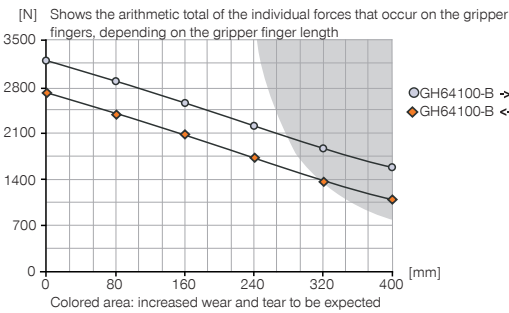
2-JAW PARALLEL GRIPPERS WITH LONG STROKE

INSTALLATION SIZE GH64100

PRODUCT SPECIFICATIONS

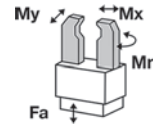


Gripping force diagram



Forces and moments

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



Mr [Nm]	300
Mx [Nm]	350
My [Nm]	250
Fa [N]	9000

INCLUDED IN DELIVERY



Mounting block

KB8-28



Centering Disc

DST42000



Flow Control Valves - with Swivel joint

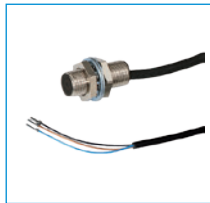
DRV1-4X8

RECOMMENDED ACCESSORIES



Alternate proximity bracket

KHA64100-B-8



Inductive proximity switch - Cable 5 m

NJ8-E2



Inductive proximity switch - Connector M8

NJ8-E2S



Magnetic field sensor Angled Cable 5 m

MFS103KHC



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

MFS103SKHC



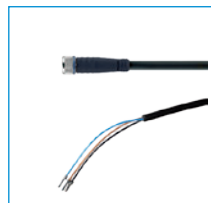
Magnetic field sensor Straight Cable 5 m

MFS204KHC



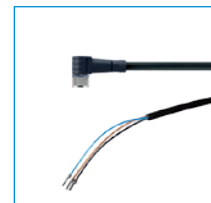
Magnetic field sensor Straight Cable 0,3 m - Connector M8

MFS204SKHC



Plug-in connector Straight Cable 5m - Socket M8 (female)

KAG500



Plug-in connector Angled Cable 5m - Socket M8 (female)

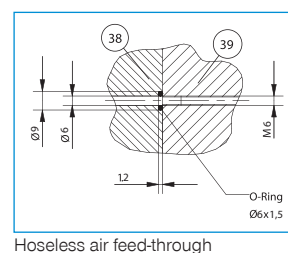
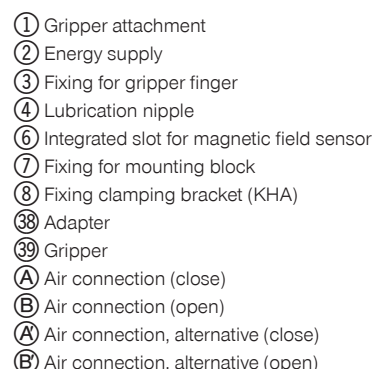
KAW500



Pressure Safety Valve

DSV1-8

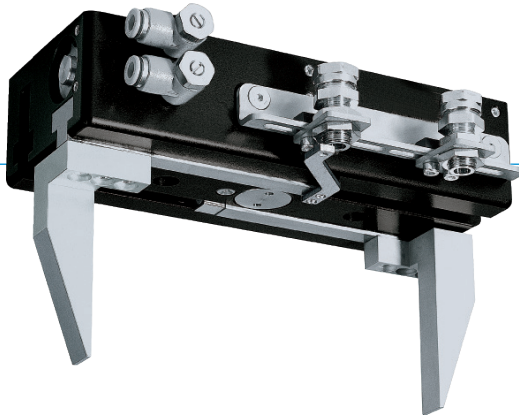
*All data measured at 6 bar
GHK series, see page 221



2-JAW PARALLEL GRIPPERS WITH LONG STROKE SERIES GH6000

1

▶ PRODUCT ADVANTAGES



“The robust”

▶ Gripper jaws may be up to 25% longer in comparison to the benchmark

The highest force and torque measurement enables flexible for maximum dynamics

▶ Over 30% more powerful than the benchmark

Optimisation of weight and force reduces your application costs since all components can have a smaller scale

▶ Failure-free continuous operation

Our uncompromising „Made in Germany“ quality guarantees up to 10 million maintenance-free cycles

▶ THE BEST PRODUCT FOR YOUR APPLICATION



▶ Our products welcome the challenge!

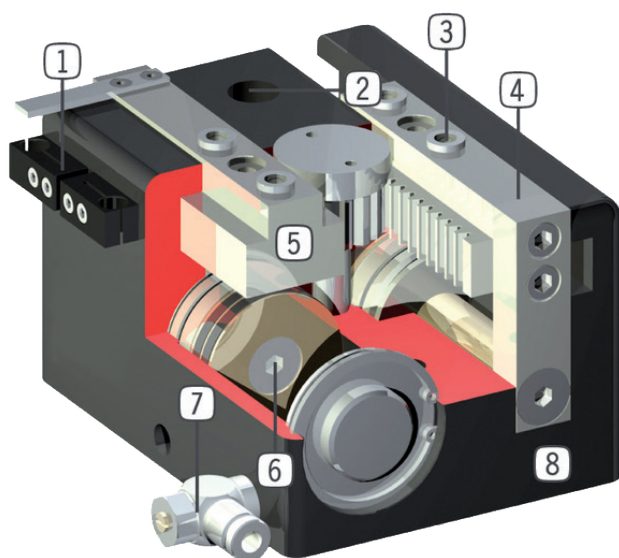
Extreme conditions, all over the world—our tried and tested components and systems give you endless possibilities.

Find the best product for your specific use:

www.zimmer-group.de

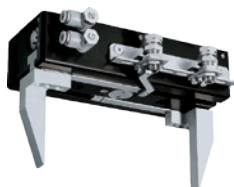


► BENEFITS IN DETAIL



- ① **Mounting block**
 - mounting for inductive proximity switch
- ② **Mounting and positioning**
 - mounting possible from several sides for versatile positioning
- ③ **Removable centering sleeves**
 - quick and economical positioning of the gripper fingers
- ④ **Gripper jaw**
 - individual gripper finger mounting
- ⑤ **Precise long T-Slot guides**
 - high forces and moments capacity
- ⑥ **Drive**
 - two double-acting pneumatic cylinders
 - synchronized by gearwheel
- ⑦ **Energy supply**
 - possible from several sides
 - CAUTION: always operate long stroke gripper with supplied exhaust air flow control valve (speed regulation)
- ⑧ **Robust, lightweight housing**
 - Hard-coated aluminum alloy

► SERIES CHARACTERISTICS



Number of installation sizes	5
Stroke per jaw	20 mm - 200 mm
Gripping force	120 N - 3400 N
Weight	0,3 kg - 23,8 kg
AP class	3



10 million maintenance-free cycles (max.)



Inductive sensor



IP40



Magnetic field sensor