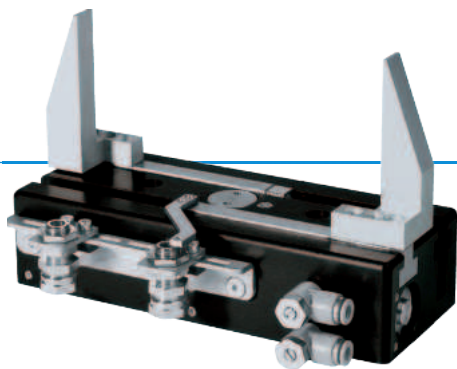


# 2-JAW PARALLEL GRIPPERS WITH LONG STROKE SERIES GH6000

1

Series GH6000 / 2-Jaw Parallel Grippers with Long Stroke / pneumatic / Grippers

## ▶ 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

## ▶ SERIES CHARACTERISTICS

### Installation size

#### GH60XX



10 million maintenance-free cycles (max.)



Inductive sensor

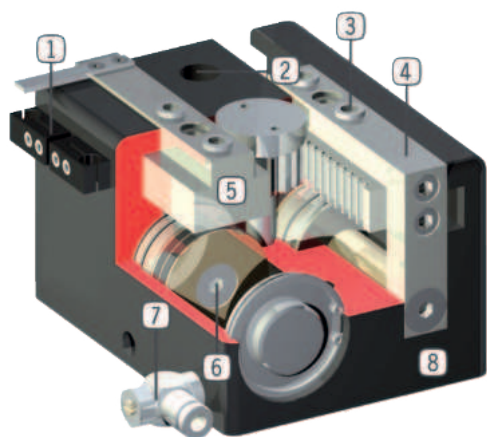


Magnetic field sensor



IP40



**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

**TECHNICAL DATA**

Installation size	Stroke per jaw [mm]	Gripping force [N]	Weight [kg]	IP class
GH6000	20 - 80	120 - 155	0,3 - 0,75	IP40
GH6100	40 - 80	370 - 530	1,5 - 2,2	IP40
GH6200	40 - 150	900 - 1400	3,3 - 7,5	IP40
GH6300	60 - 150	1520 - 2270	7 - 10,5	IP40
GH6400	60 - 200	2600 - 3400	10,4 - 22,7	IP40

**FURTHER INFORMATION IS AVAILABLE ONLINE**

All information just a click away at: [www.zimmer-group.com](http://www.zimmer-group.com). Find data, illustrations, 3D models and operating instructions for your installation size using the order number for your desired product. Quick, clear and always up-to-date.