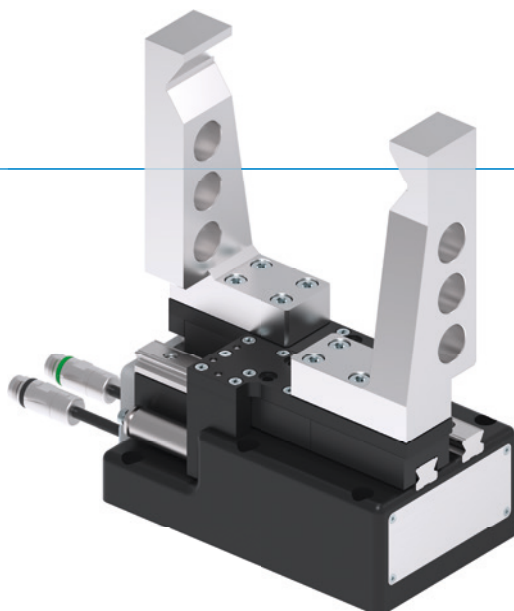


2-JAW PARALLEL GRIPPERS WITH LONG STROKE

SERIES GEH8000

► PRODUCT ADVANTAGES



“The strong”

► High gripping force

Using the high gripping force, you can safely handle even the heaviest workpieces

► Servo drive

Position, speed and force control in combination with a mechanical self locking mechanism guarantee the highest functionality

► Multibus

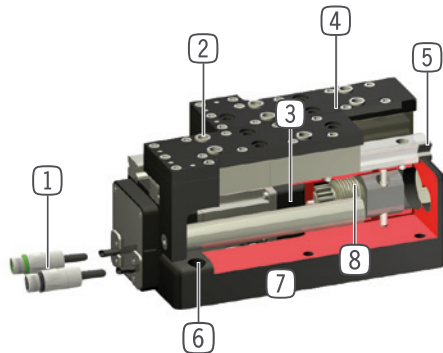
How you stay flexible: PROFIBUS, SERCOS III, PROFINET IO, EtherNet/IP or EtherCat - You decide what harmonises best with your system

► SERIES CHARACTERISTICS

Installation size		
GEH86XX-B		
PB Profibus		●
PN Profinet, EtherCat, EtherNet/IP, Sercos		●
 10 million maintenance-free cycles (max.)		●
 Integrated sensing		●
 Self locking mechanism		●
IP 54 IP54		●



► BENEFITS IN DETAIL



- ① Energy supply**
 - motor cable, male
 - encoder cable, female
- ② Removable centering sleeves**
 - quick and economical positioning of the gripper fingers
- ③ Drive**
 - AC servo motor
- ④ Gripper jaw**
 - hardened steel
 - individual gripper finger mounting
- ⑤ Precise linear guide**
 - high forces and moments capacity
 - guide wagon with wiper for harsh environments
- ⑥ Mounting and positioning**
- ⑦ Robust, lightweight housing**
 - Hard-coated aluminum alloy
- ⑧ Synchronization**
 - via rack and pinion

► TECHNICAL DATA

Installation size	Stroke per jaw [mm]	Holding force [N]	Weight [kg]	IP class
GEH8660	60	200 - 3200	10	IP54

► FURTHER INFORMATION IS AVAILABLE ONLINE



All information just a click away at: 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.

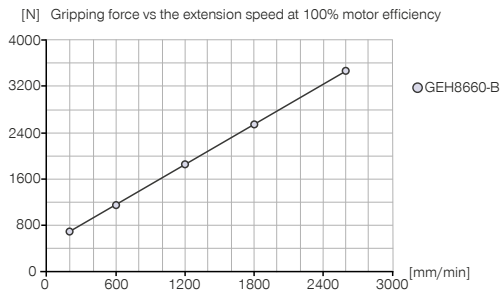
2-JAW PARALLEL GRIPPERS WITH LONG STROKE

INSTALLATION SIZE GEH8660

PRODUCT SPECIFICATIONS

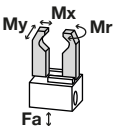


Gripping force diagram



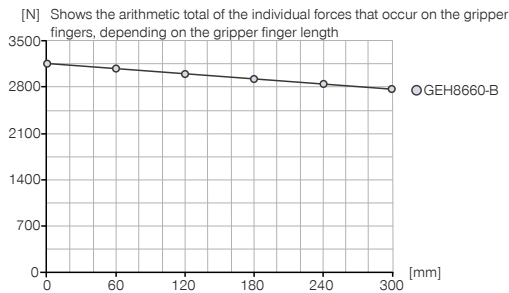
Forces and moments

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



Mr [Nm]	220
Mx [Nm]	220
My [Nm]	950
Fa [N]	5000

Gripping force diagram



INCLUDED IN DELIVERY



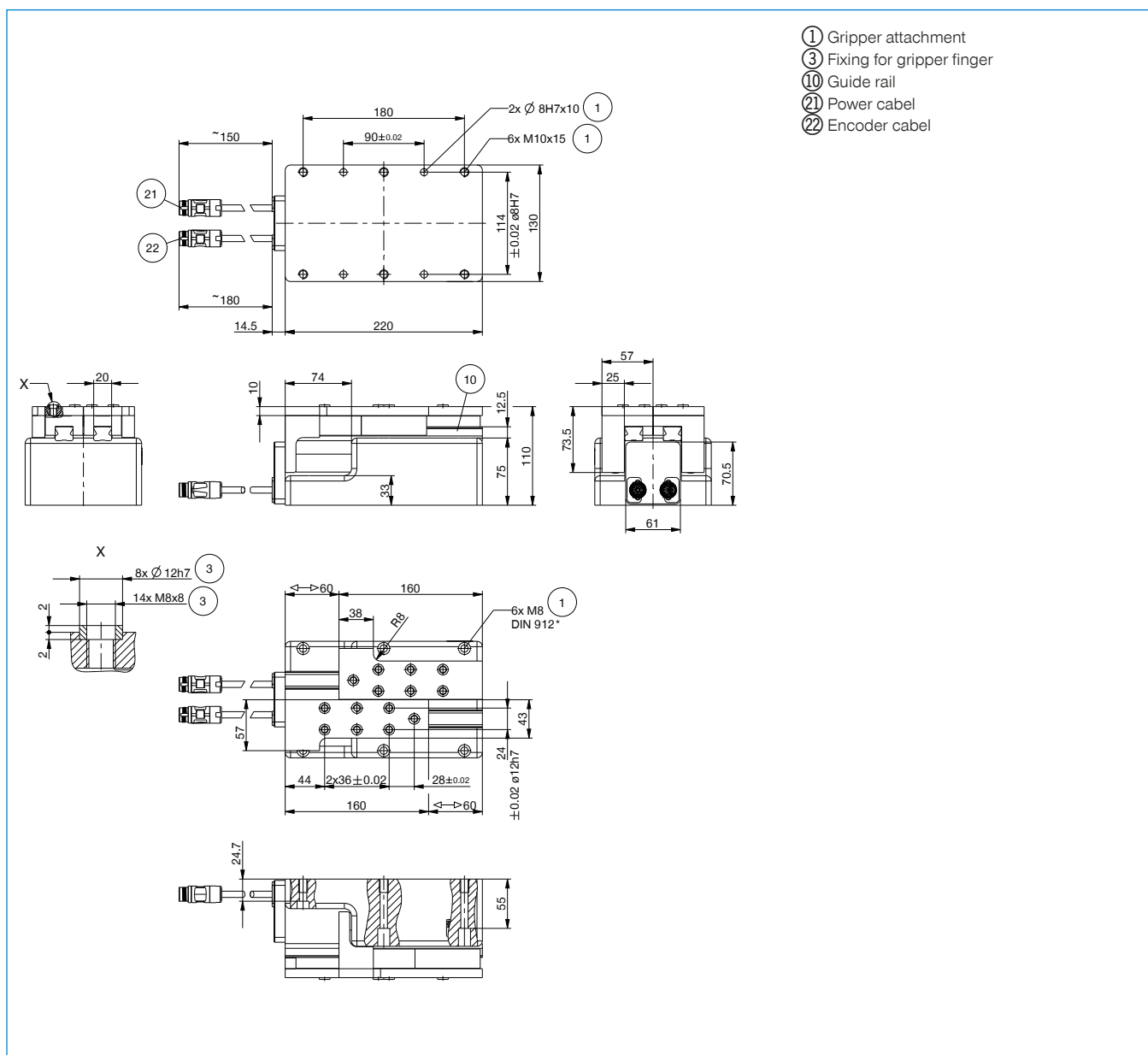
1 [piece]
Commissioning USB
052650



8 [piece]
Centering Disc
DST41600

YOU CAN FIND RECOMMENDED ACCESSORIES ON THE FOLLOWING PAGES

► Technical data	
Order no.	GEH8660-B
Drive	AC servo motor
Stroke per jaw [mm]	60
Max. retention force (at 100% opening usage) [N]	3200
Retention force min. [N]	200
Self locking mechanism	mechanical
Power transfer	Rack / worm gear
Closing time / Opening time at maximum stroke [s]	1.5
Repetition accuracy +/- [mm]	0.05
Operating temperature min. [°C]	5
Operating temperature max. [°C]	+80
Certifications	CE / UKCA / LABS / REACH / RoHS
Protection to IEC 60529	IP54
Weight [kg]	9.4
Drive	
Load gear output revolution	49
Load gear input revolution	375
Feed constant [mm/rev]	3.1415



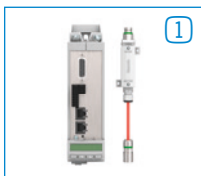
2-JAW PARALLEL GRIPPERS WITH LONG STROKE

SERIES GEH8000 - ACCESSORIES

► RECOMMENDED ACCESSORIES



ENERGY SUPPLY



ZUBHCS-B
Drive controller Profibus



ZUBHCSME-B
Drive control unit SERCOS III, PROF-
INET IO, EtherNet/IP, EtherCAT



ZUBHCSN
Line filter



CONNECTIONS / OTHER



ZUBHCSKAG05-B
Encoder cable 5 m



ZUBHCSKAG10-B
Encoder cable 10 m



ZUBHCSKAG25-B
Encoder cable 25 m



ZUBHCSKAP01
Programming cable



ZUBHCSKAL05-B
Power cable 5 m



ZUBHCSKAL10-B
Power cable 10 m



ZUBHCSKAL25-B
Power cable 25 m

► Technical data for motors	
Order no.	MSM019B-0300-NN-M5-MH0
Compatible with	GEH8660
Manufacturer	BOSCH
Nominal torque [Nm]	0.32
Torque max. [Nm]	0.95
Nominal speed [rpm]	3000
Max. speed [rpm]	5000
Protection to IEC 60529	IP54

