



Gripper

electrical

SOMMER
automatic





Order no.	Stroke per jaw [mm]	Gripping force in opening [N]	Gripping force in clothing [N]	Page
Product Information				6
GEP1402	2	140	14	10
GEP1406C	6	350	-	12
GEP1406O	6	-	350	12
GEP1602	2	115	115	14
GEP1606C	6	280	-	16
GEP1606O	6	-	280	16



Order no.	Stroke per jaw [mm]	Retention force max. [N]	Page
Product Information			20
GEH8240S	40	900	24
GEH8660S	60	3200	26



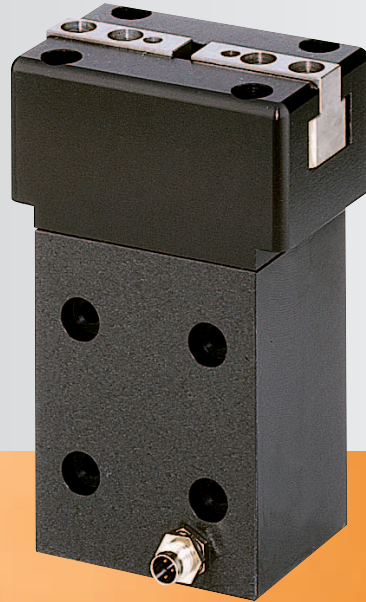
Order no.	Stroke per jaw [mm]	Gripping force in opening [N]	Gripping force in closing [N]	Page
Product Information				30
GED1302	2	140	140	34
GED1306C	6	350	-	36
GED1306O	6	-	350	36
GED1502	2	115	115	38
GED1506C	6	290	-	40
GED1506O	6	-	290	40





Parallel gripper

electrical



GEP1402 up to GEP1606

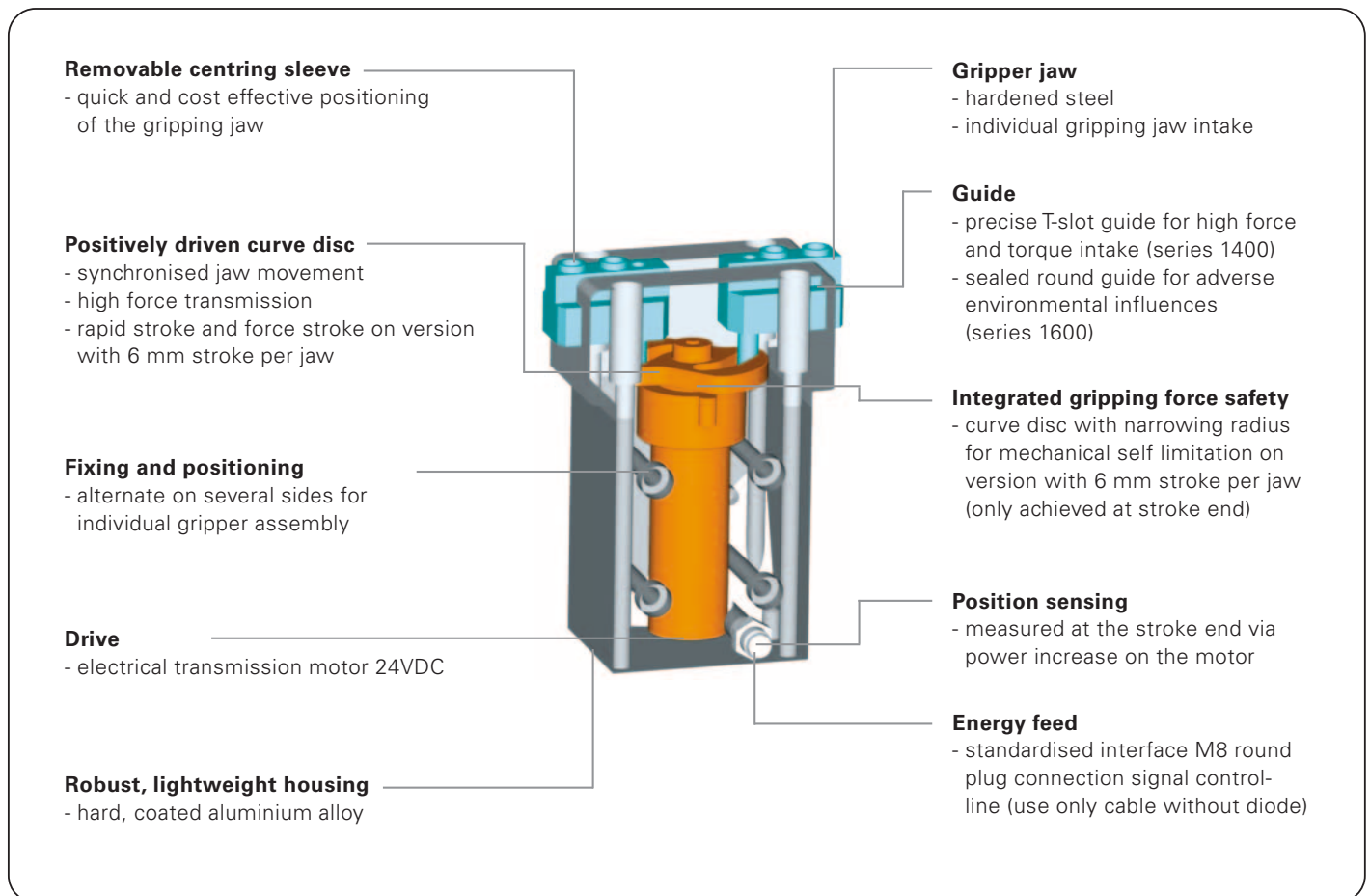
SOMMER
automatic

Parallel **gripper** electrical

➤ Features

- compact electrically driven parallel gripper with gripping force up to 350 N and 6 mm stroke per jaw
- easiest energy supply using 24V machine voltage, independent of pneumatics and hydraulics
- position inquiry, regulable gripping force and mechanical gripping force safety (on version with 6 mm stroke per jaw)

Functional diagram





Terms

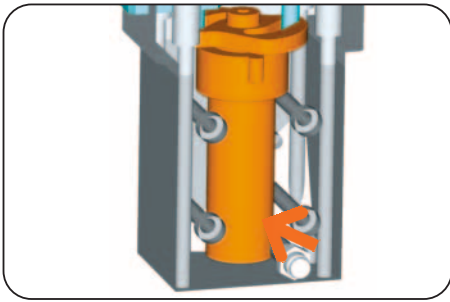
- Gripping force:** arithmetic sum of the individual forces occurring at the jaws
- Closing/opening time:** required time for the gripper jaws to cover the maximum stroke distance
- Repeatability:** at end stops after 50/100 consecutive cycles
- Gripping force safety:** the gripping force is guaranteed by the shape of curve disc. It is only available if the curve disc travels to its stroke end during gripping. Only on versions with 6 mm stroke per jaw.
- Cycle:** angle of rotation covered by the drive motor in an open and close movement
- Maintenance:** recommended at 5 mil. cycles
(please see the owner's manual for conditions, download from www.sommer-automatic.com)
- long maintenance intervals keep costs down
 - long lifespan

Model

- C:** For external gripping, gripping force safety on stroke end by shape of the curve disc
- O:** For internal gripping, gripping force safety on stroke end by shape of the curve disc

Order no.	Stroke per jaw	Gripping force in opening	Gripping force in closing	Gripping force safety from
GEP1402	2 mm	140 N	140 N	-
GEP1406C	6 mm	350 N	-	Curve disc on stroke end
GEP1406O	6 mm	-	350 N	Curve disc on stroke end
GEP1602	2 mm	115 N	115 N	-
GEP1606C	6 mm	280 N	-	Curve disc on stroke end
GEP1606O	6 mm	-	280 N	Curve disc on stroke end

Parallel **gripper electrical**



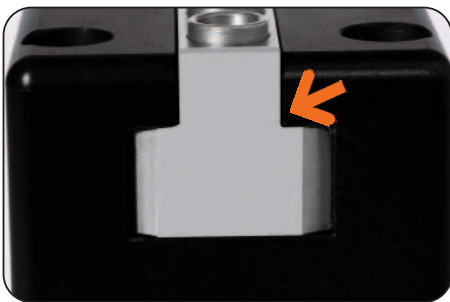
Drive

Electrical transmission motor 24VDC

C and O design

In conjunction with curve disc for rapid stroke and force stroke

- high drive force when opening (O) or closing (C)
- gripping force up to 350N
- rapid cycle times



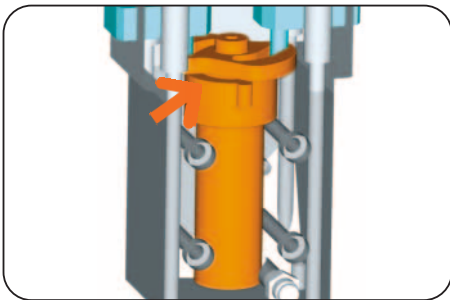
Guide

Polished T-slot guide in surface hardened steel (series 1400)

- T groove guide for maximum force and torque intake
- high precision due to low play design

Not in illustration: sealed round guide (series 1600)

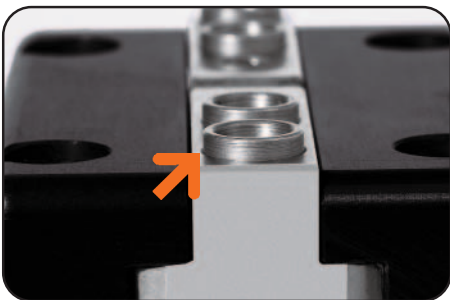
- sealed
- for adverse environmental influences



Force transfer

Positively driven curve disc

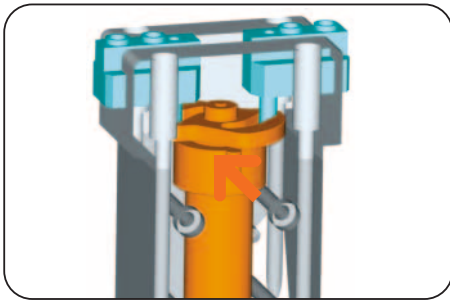
- rapid stroke and force stroke on version with 6 mm stroke per jaw
- optimum force steering of drive force in gripping force
- self-centering
- synchronisation
- high repeat accuracy



Gripping jaw intake

From individual gripping jaw via centring sleeve

- precise positioning of individual gripping jaws
- quick, cost-effective and therefore economical jaw changing



Gripping force safety

C and O design

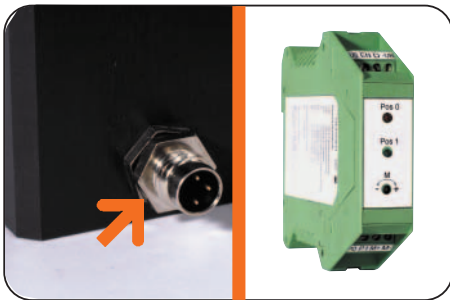
- curve disc with narrowing radius for mechanical self limitation at stroke end
- maintenance of gripping force even under drop in voltage



Machine connection

Energy feed, fixing and positioning possibilities on several sides

- optimum integration into the workroom through individual mounting situation
- standardised interface



Position sensing

Indirect Position sensing

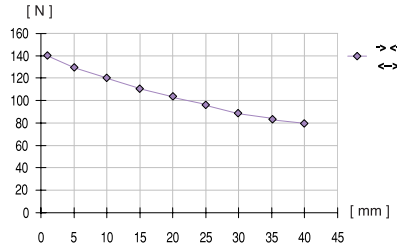
- process safe
- compact
- no additional interference contours

The control electronics included in the delivery contain an adjustable min. and max. value for the power. A blocking gripper drive motor at the stroke end (gripping or end position) causes a rise in power. The corresponding output signal can be used as a position sensing.

Parallel **gripper** electrical

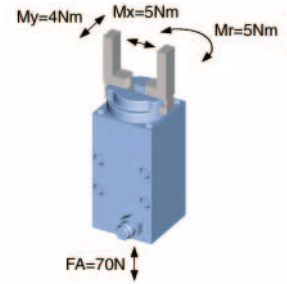
Gripping force diagram

Gripping force against to the jaw length.

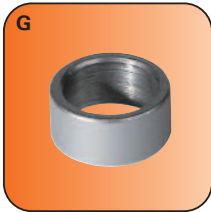


Forces and Moments

Max allowable forces and torques on jaws.



Included in the delivery

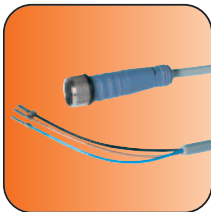


Centering sleeves
Order no. **BDST2900**



Control
Order no. **ELEGR01**

Accessory list

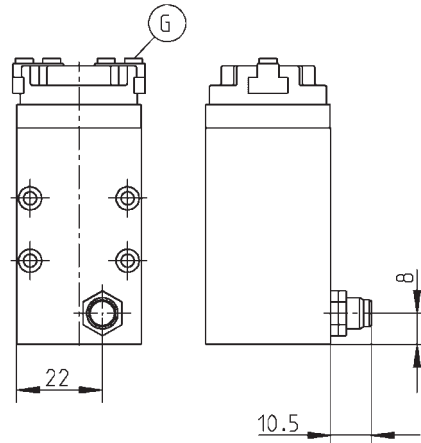


Cable straight plug
Order no. **KAG500**



Cable angled plug
Order no. **KAW500**

Accessories



Subject to change without prior notice

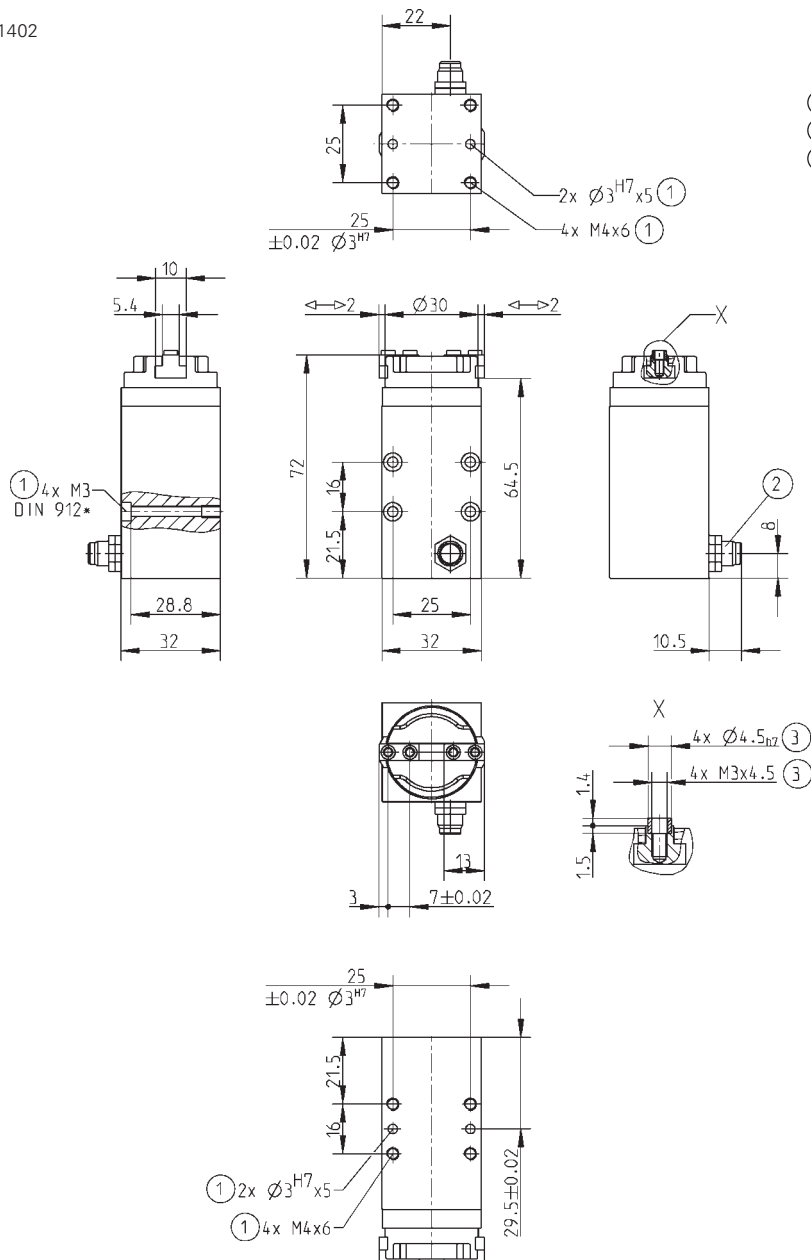


Order no.:	GEP1402
Stroke per jaw [mm]:	2
Gripping force in closing and opening (adjustable) [N]:	140
Recommended workpiece weight [g]*:	700
Closing time/opening time [s]:	0,2
Repeatability +/- [mm]:	0,02
Voltage [V]**:	24
Max. current regulable by potentiometer [mA]:	140
Min./max. operating temperature [°C]:	5/80
Protection class:	IP 52
Weight [g]:	300

* Value determined with friction coefficient $\mu=0.1$ and safety factor $\nu = 2$

** 12 Voltage on request

GEP1402



- ① Fixing gripper
- ② Energy supply, round plug connector M8x1, IP687
- ③ Fixing gripper jaw

* replaced by DIN EN ISO 4762

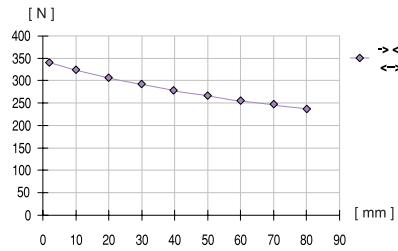
Subject to change without prior notice

Parallel gripper electrical



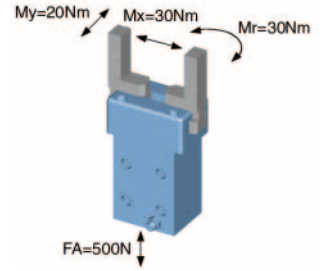
Gripping force diagram

Gripping force against to the jaw length.

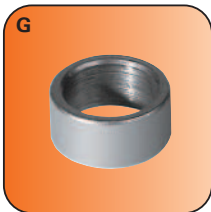


Forces and Moments

Max allowable forces and torques on jaws.



Included in the delivery

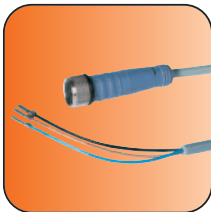


Centering sleeves
Order no. BDST40800



Control
Order no. ELEGR04

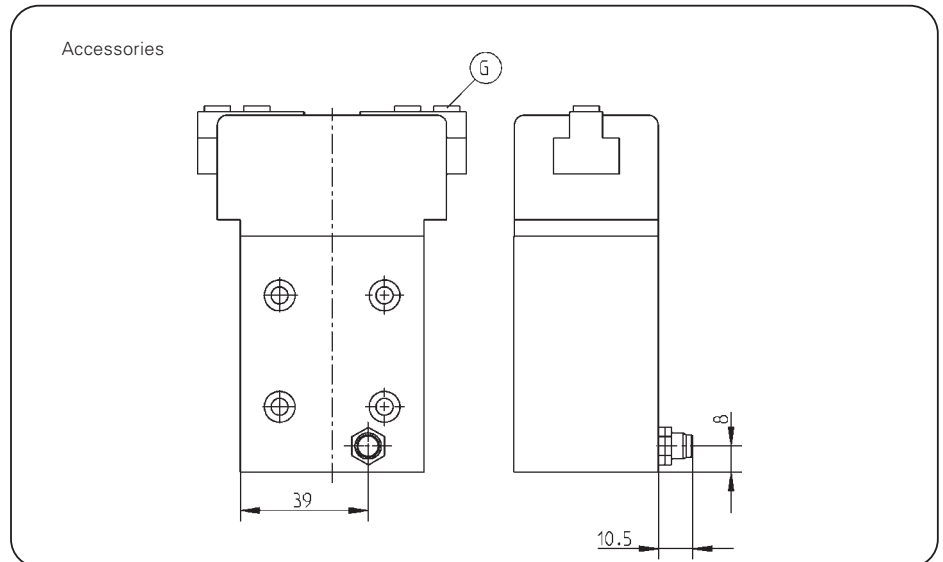
Accessory list



Cable straight plug
Order no. KAG500



Cable angled plug
Order no. KAW500



Subject to change without prior notice

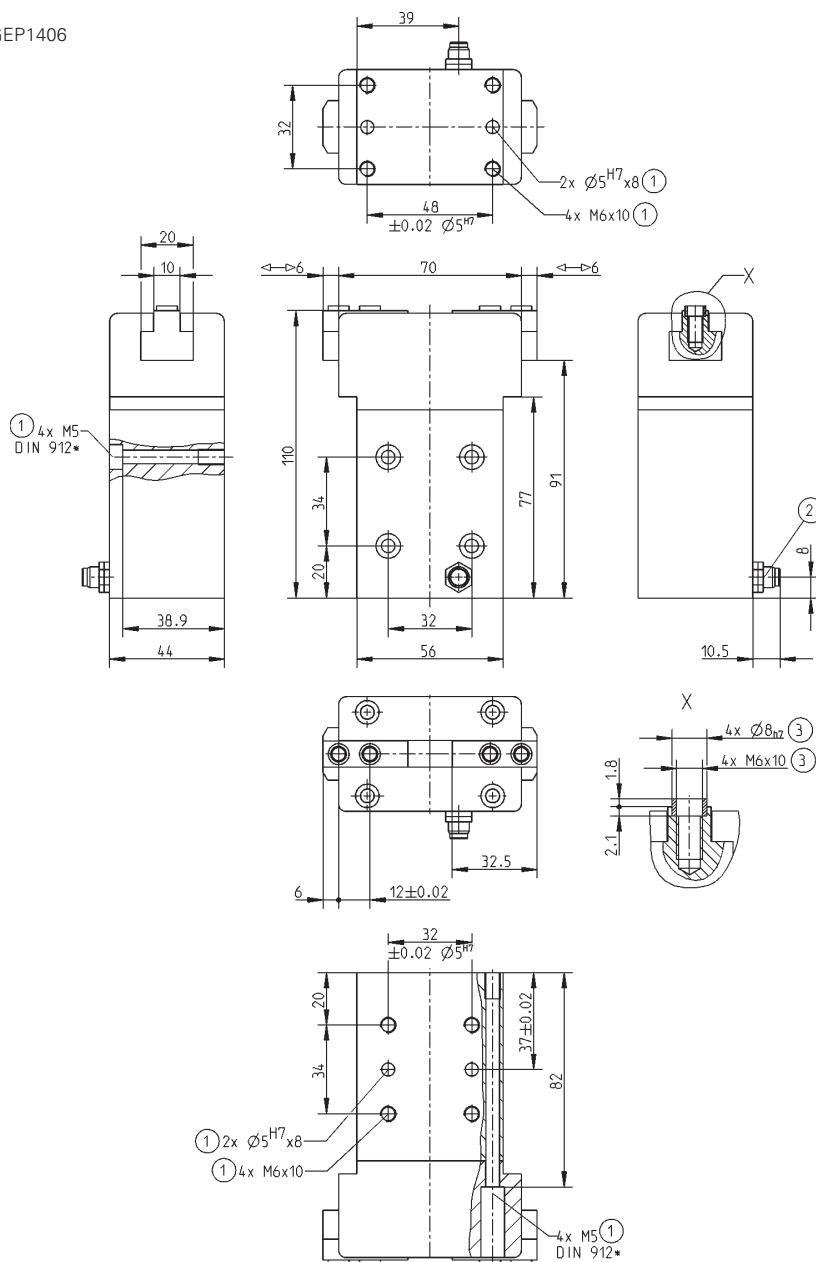


Order no.:	GEP1406C	GEP1406O
Stroke per jaw [mm]:	6	6
Gripping force in closing (adjustable) [N]:	350	-
Gripping force in opening (adjustable) [N]:	-	350
Recommended workpiece weight [kg]*:	1,78	1,78
Closing time/opening time [s]:	0,4	0,4
Repeatability +/- [mm]:	0,02	0,02
Voltage [V]**:	24	24
Max. current regulable by potentiometer [mA]:	210	210
Min./max. operating temperature [°C]:	5/80	5/80
Protection class:	IP 52	IP 52
Weight [kg]:	1	1

* Value determined with friction coefficient $\mu=0.1$ and safety factor $v = 2$

** 12 Voltage on request

GEP1406



- ① Fixing gripper
- ② Energy supply, round plug connector M8x1
- ③ Fixing gripper jaw

* replaced by DIN EN ISO 4762

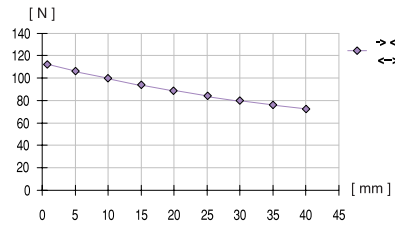
Subject to change without prior notice

Parallel gripper electrical



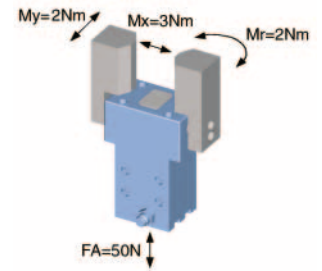
Gripping force diagram

Gripping force against to the jaw length.

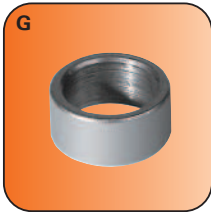


Forces and Moments

Max allowable forces and torques on jaws.



Included in the delivery

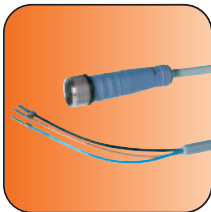


Centering sleeves
Order no. BDST2900



Control
Order no. ELEGR01

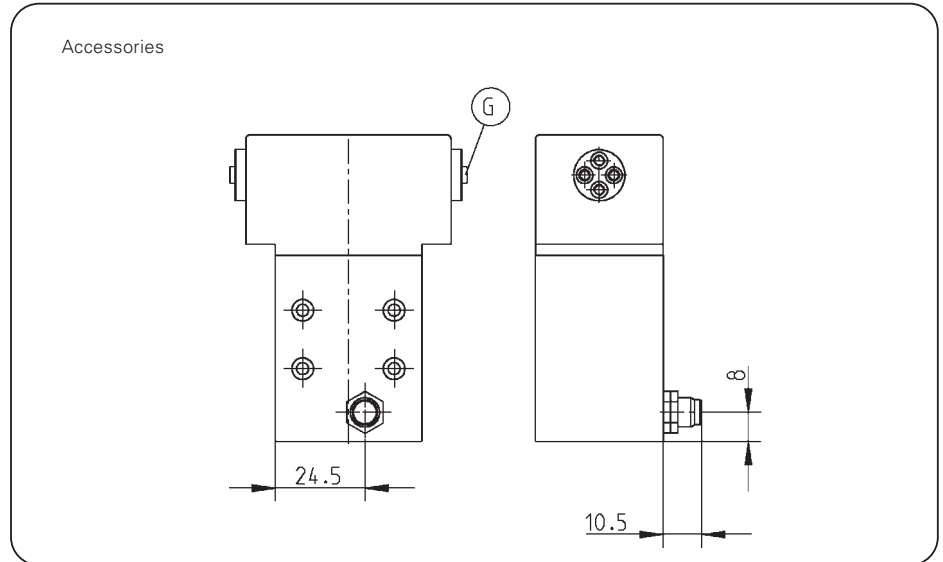
Accessory list



Cable straight plug
Order no. KAG500



Cable angled plug
Order no. KAW500



Subject to change without prior notice

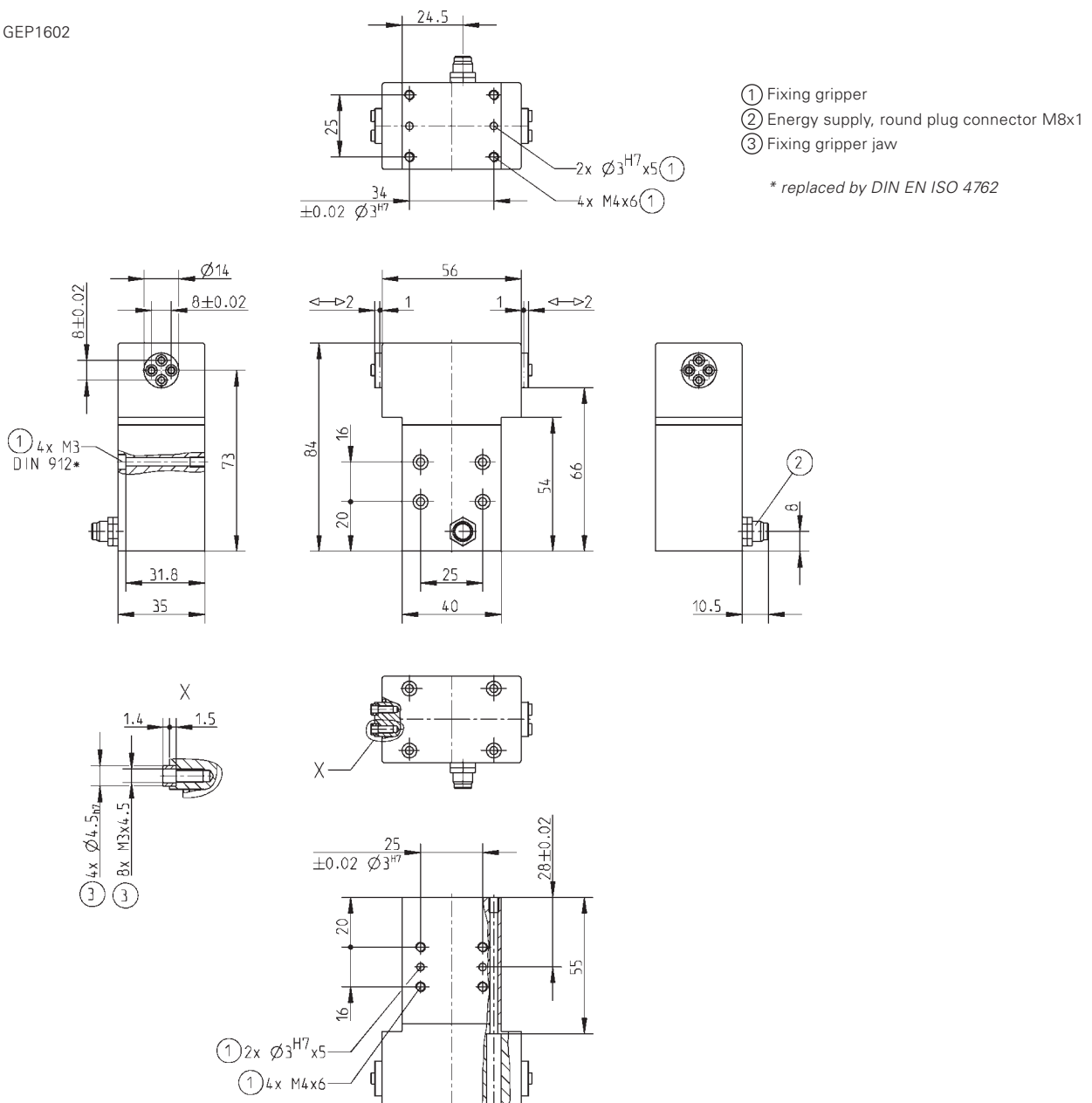


Order no.:	GEP1602
Stroke per jaw [mm]:	2
Gripping force in closing and opening (adjustable) [N]:	115
Recommended workpiece weight [g]*:	58
Closing time/opening time [s]:	0,2
Repeatability +/- [mm]:	0,02
Voltage [V]**:	24
Max. current regulable by potentiometer [mA]:	140
Min./max. operating temperature [°C]:	5/80
Protection class:	IP 67
Weight [g]:	300

* Value determined with friction coefficient $\mu=0.1$ and safety factor $v = 2$

** 12 Voltage on request

GEP1602



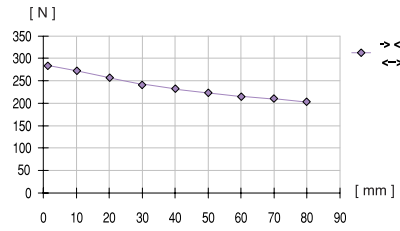
Subject to change without prior notice

Parallel gripper electrical



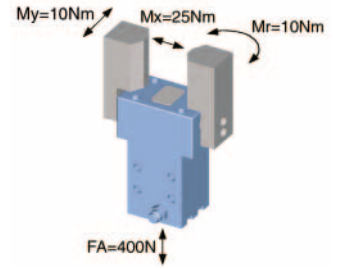
Gripping force diagram

Gripping force against to the jaw length.

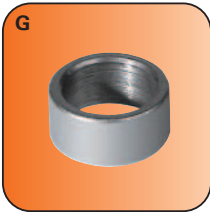


Forces and Moments

Max allowable forces and torques on jaws.



Included in the delivery

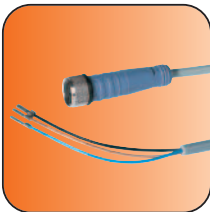


Centering sleeves
Order no. BDST40800



Control
Order no. ELEGR04

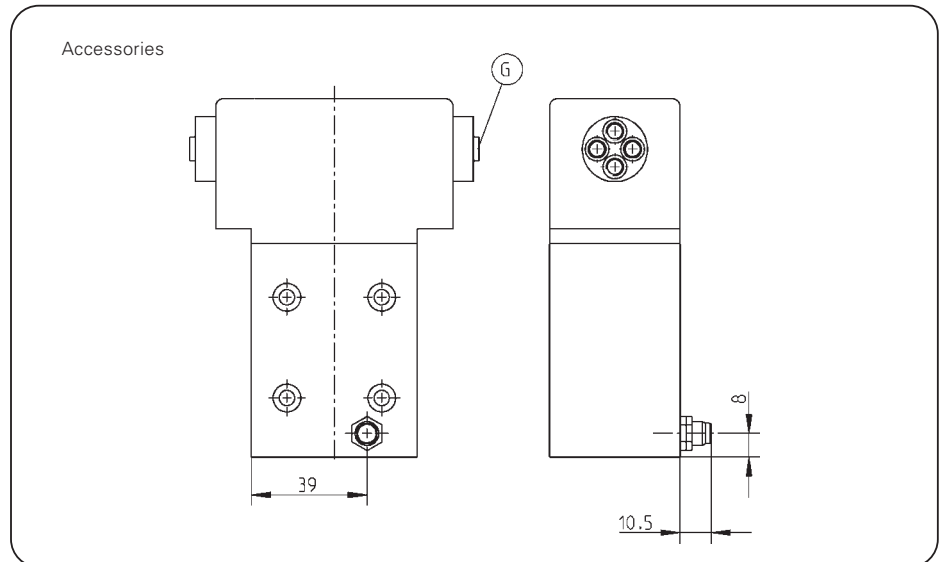
Accessory list



Cable straight plug
Order no. KAG500



Cable angled plug
Order no. KAW500



Subject to change without prior notice

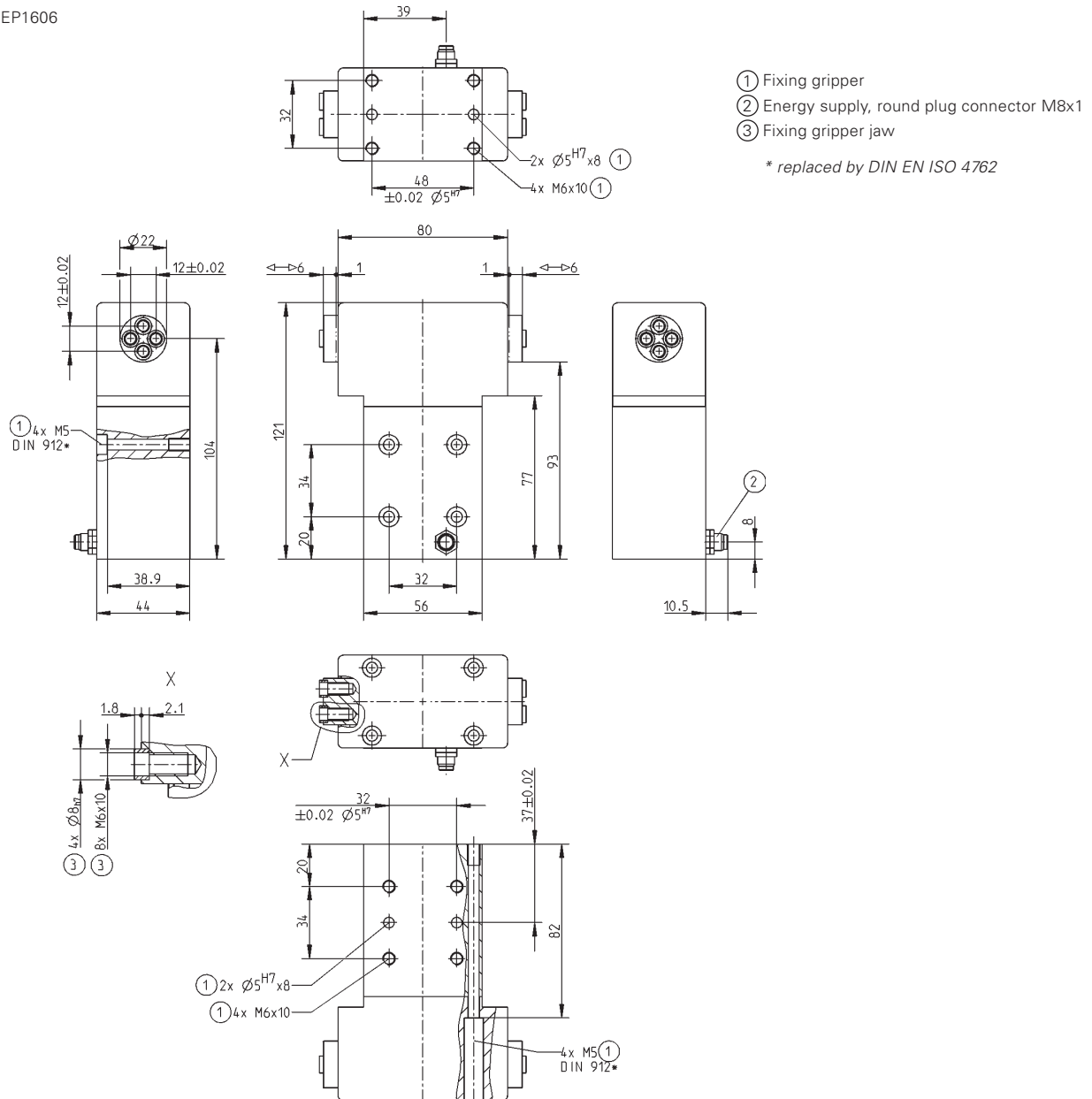


Order no.:	GEP1606C	GEP1606O
Stroke per jaw [mm]:	6	6
Gripping force in closing (adjustable) [N]:	280	-
Gripping force in opening (adjustable) [N]:	-	280
Recommended workpiece weight [kg]*:	1,42	1,42
Closing time/opening time [s]:	0,4	0,4
Repeatability +/- [mm]:	0,02	0,02
Voltage [V]**:	24	24
Max. current regulable by potentiometer [mA]:	210	210
Min./max. operating temperature [°C]:	5/80	5/80
Protection class:	IP 67	IP 67
Weight [kg]:	1,5	1,5

* Value determined with friction coefficient $\mu=0.1$ and safety factor $v = 2$

** 12 Voltage on request

GEP1606



Subject to change without prior notice



Long stroke **grippers**

electrical



GEH8240S
GEH8660S

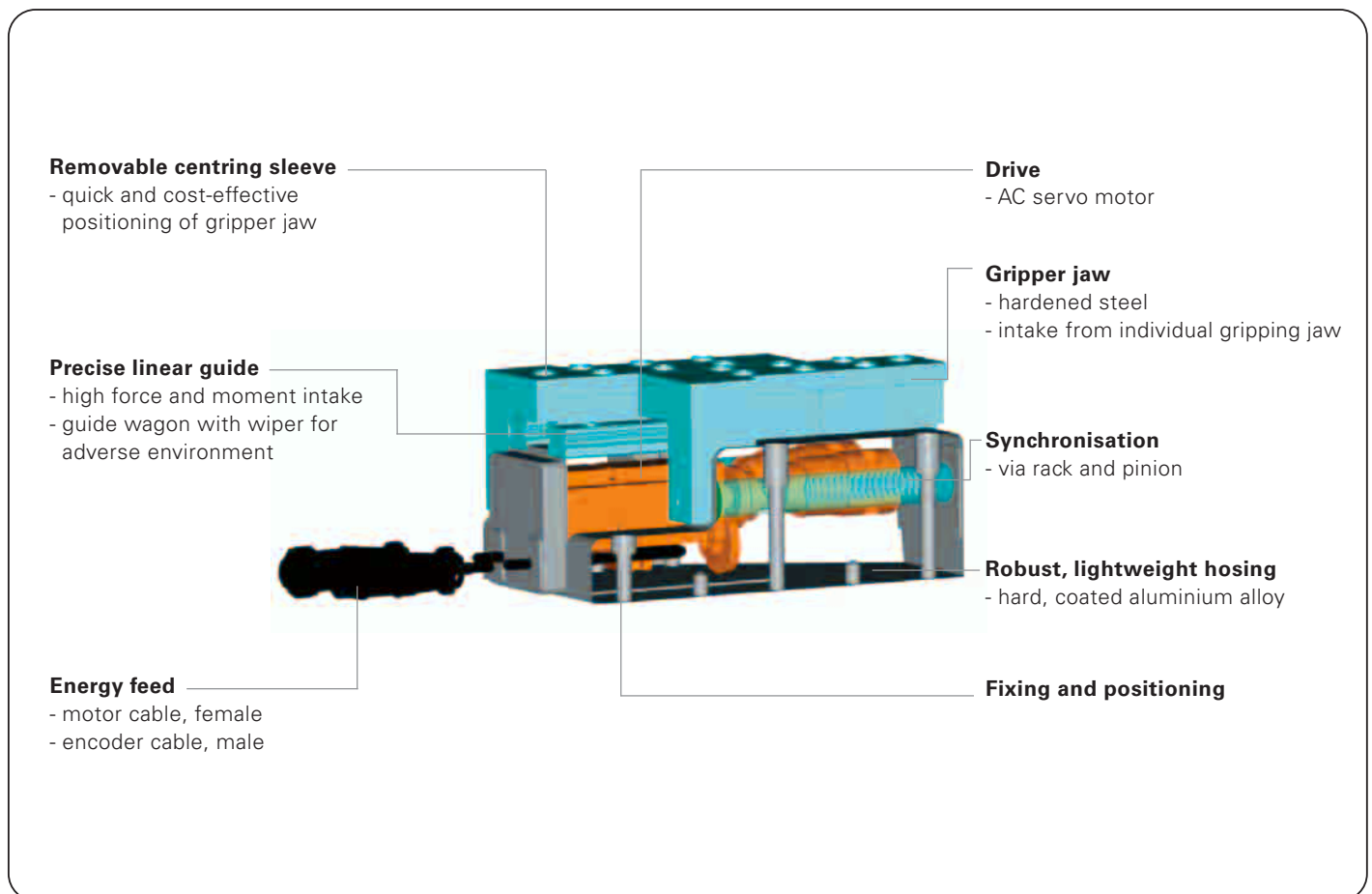
SOMMER
automatic

Electrical Long stroke **grippers**

➤ Features

- a large stroke gripper driven by an AC servo motor, gripping force up to 3200 N and with a stroke per jaw up to 60 mm.
- programmable, positionable and regulable torque
- data interface for standard market systems such as Profibus, Sercos, CANopen and DeviceNet and Parallel Interface
- highly loadable linear guide with wiper, ideal for highest shear forces and torques, also suitable for use in adverse environment
- sealed in accordance with protection category IP 65

Functional diagram



Terms

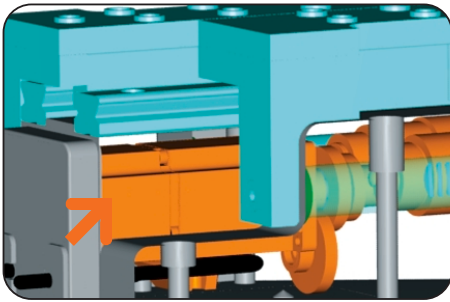
- Gripping force:** arithmetic sum of the individual forces occurring at the jaws
- Closing/opening time:** required time for the gripper jaws to cover the maximum stroke distance
- Repeatability:** at end stops after 50/100 consecutive cycles
- Gripping force safety:** the gripping force safety is guaranteed by the transmission. It of a worm wheel and gear
- Cycle:** angle of rotation covered by the drive motor in an open and close movement
- Maintenance:** recommended at 5 mil. cycles
 (please see the owner’s manual for conditions,
 download from www.sommer-automatic.com)
 - long maintenance intervals keep costs down
 - long lifespan

Model

S: AC servo motor

Order no.	Stroke per jaw	Retention force max.
GEH8240S	40 mm	900 N
GEH8660S	60 mm	3200 N

Electrical Long stroke **grippers**

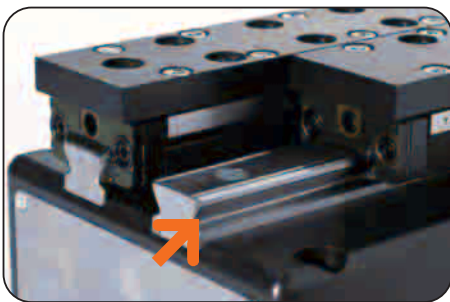


Drive

AC servo motor

In conjunction with pinion-worm gear

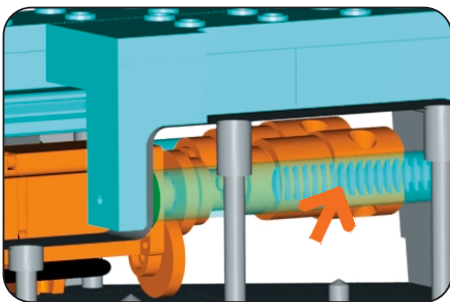
- high drive force when opening and closing
- gripping force can be regulated up to 3200 N
- programmable and positionable
- data interface for standard market systems such as Profibus, Sercos, CANopen, DeviceNet and Parallel Interface



Guide

Heavy load linear guide

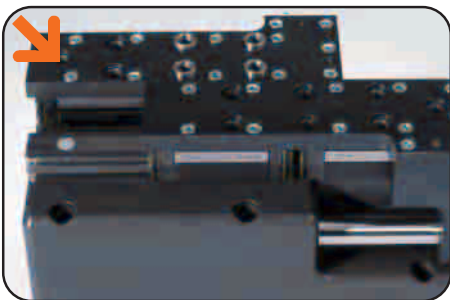
- ideal for the highest transverse forces and torque intake
- 2 x 2 guide wagon with wipers
- for use under extreme conditions



Force transfer

Pinion worm gear

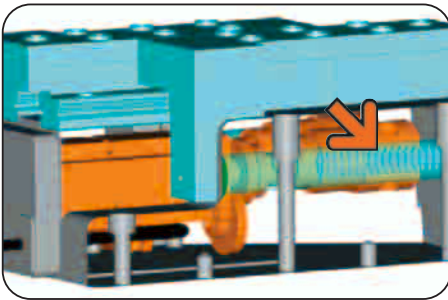
- optimum force steering of drive force in gripping force
- self-centering
- synchronised
- high repeat accuracy



Gripping jaw intake

From individual gripping jaw via centring sleeve

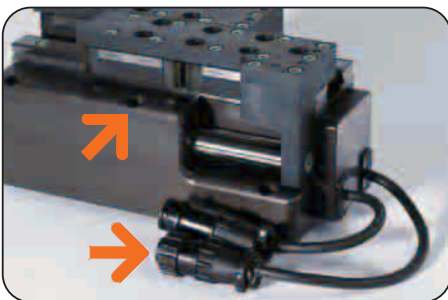
- precise positioning of individual gripping jaws
- quick, cost-effective and therefore economical jaw changing



Gripping force safety

Pinion-worm gear

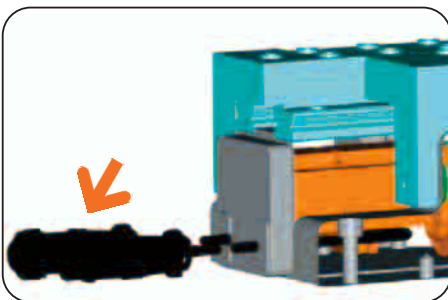
- mechanical self limitation
- gripping force ensured in power failure



Machine connection

Energy feed, fixing and positioning options

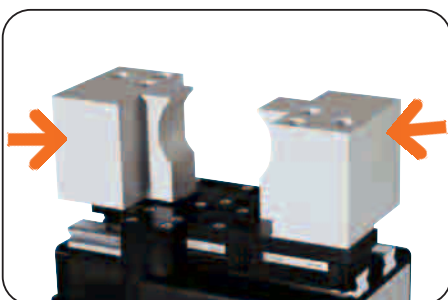
- optimum integration into the workroom through individual mounting situation
- standardised interface



Position sensing

Indirect via absolute encoder

- process safe due to maintenance of the reference even under drop in voltage
- precise
- no additional interference contours

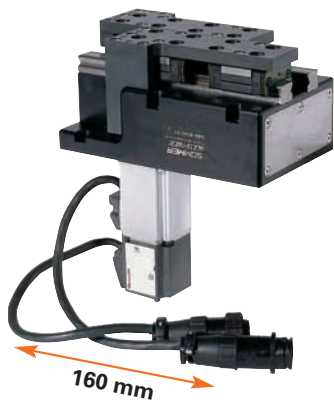


Gripping force

Defined via the extension speed

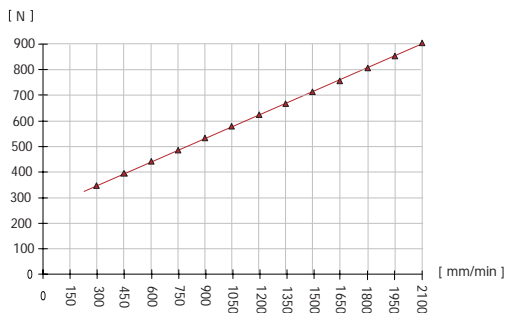
- optimum adaptation of gripping force on the workpiece
- variable adjustment

Electrical Long stroke grippers

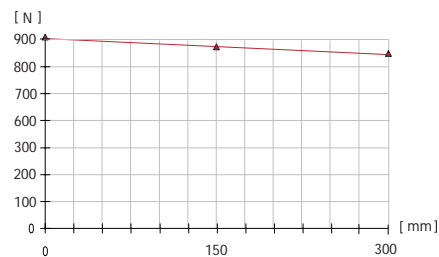


Gripping force diagram

Gripping force against the extension speed at 100% motor efficiency

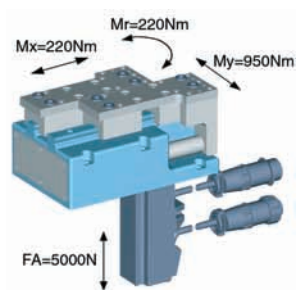


Gripping force against the jaw length.

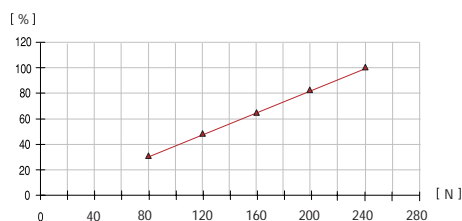


Forces and Moments

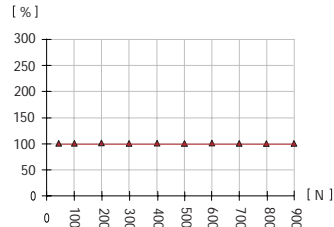
Max allowable forces and torques on jaws



Adjustable gripping force against the motor efficiency at smoothly extending



Motor efficiency in opening against the gripping force.



Included in the delivery



Centering sleeves
Order no. **BDST41000**



Software CD
Order no. **CD0003**

Accessory list



Connecting cable motor-servo amplifier (10m)
Order no. **ZUBKA-10M**



Connecting cable encoder-servo amplifier (10m)
Order no. **ZUBKA-10D**

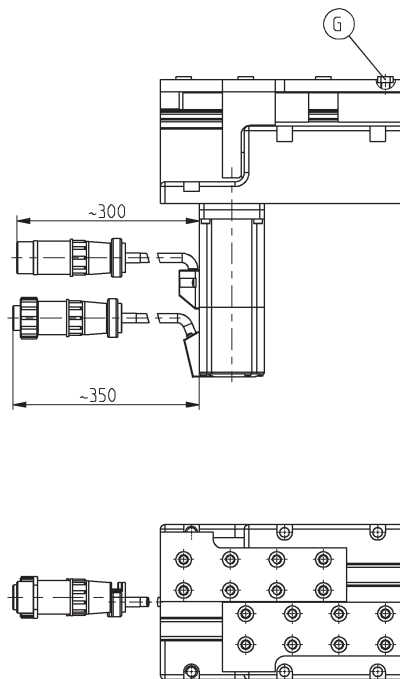


Interface cable PC-control unite (5m)
Order no. **ZUBKA05-R**



Servo amplifier
Order no. **ZUBDKC-C (CANopen)**
Order no. **ZUBDKC-D (DeviceNet)**
Order no. **ZUBDKC-P (Profibus)**
Order no. **ZUBDKC-S (Sercos)**
Order no. **ZUBDKC-PAI (Parallel Interface)**

Accessories



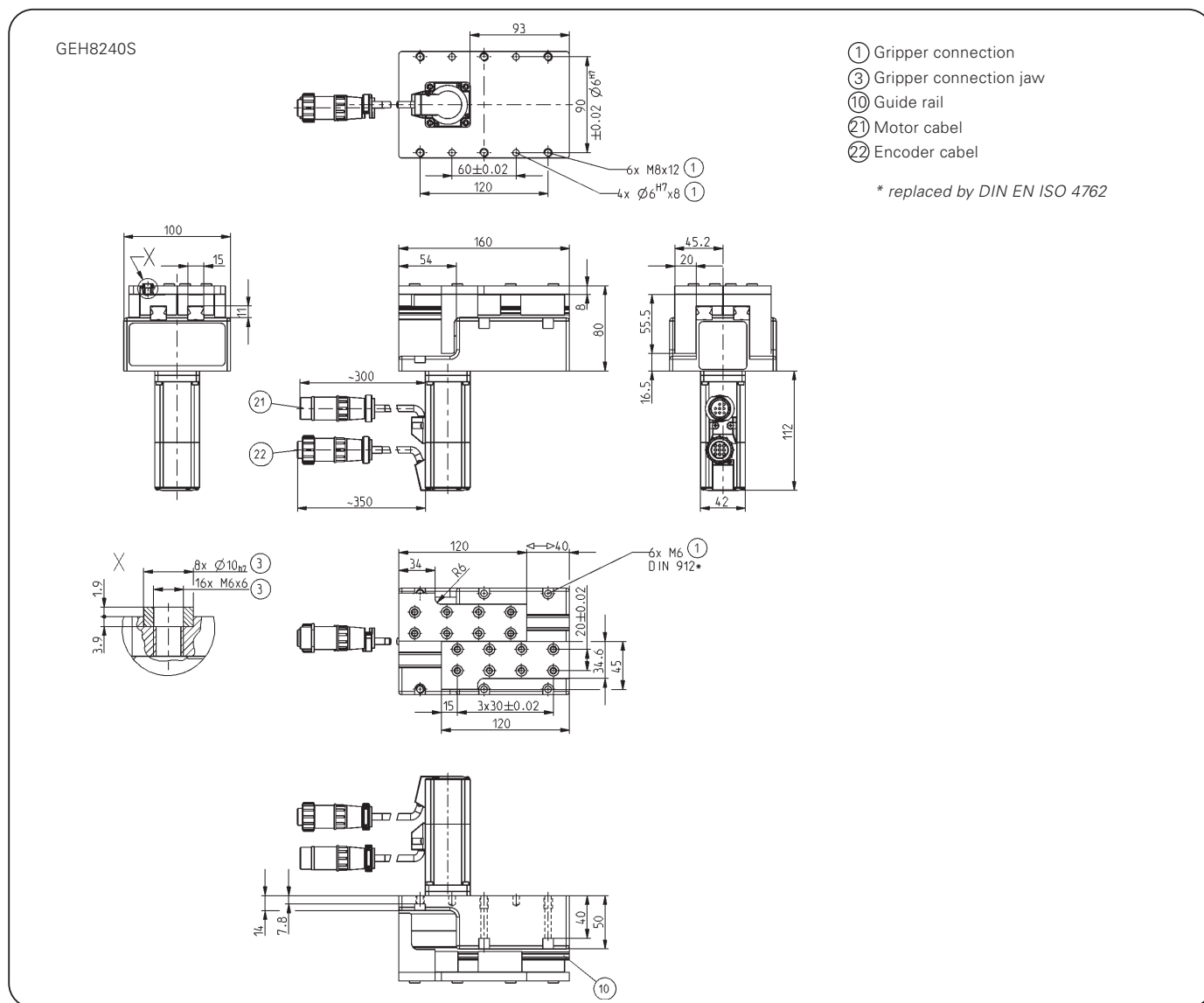
Subject to change without prior notice



Order no.:	GEH8240S
Drive:	AC-servo motor
Stroke per jaw [mm]:	40
Max. retention force (at 100 % opening usage) [N]:	900
Retention force min. [N]:	80
Self limitation:	Rack/worm gear
Force transfer:	Rack/worm gear
Closing and opening time at max. stroke [s]:	1,5
Repeatability +/- [mm]:	0,05
Min./max. operating temperature [°C]:	5/80
Protection class:	IP 65
Weight [kg]:	4,6

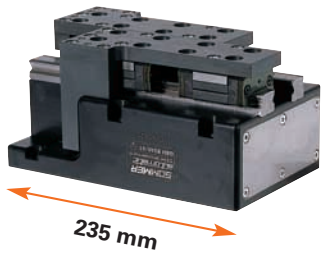
Power supply servo regulator:	
Net input voltage:	1 x 200-240 VAC 50Hz
Continuous current:	0,9A
Surge current:	3,0A

Transmission:	
Load transmission input rotation:	2 revolution
Load transmission output rotation:	1 revolution
Feed constant:	2,3400 mm/ revolution



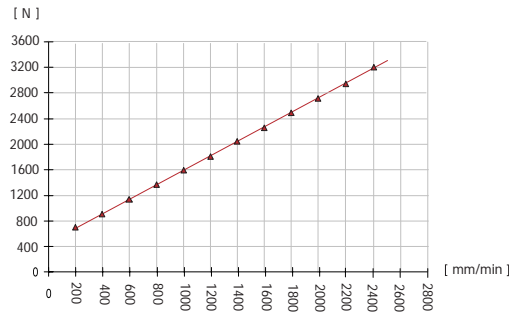
Subject to change without prior notice

Electrical Long stroke grippers

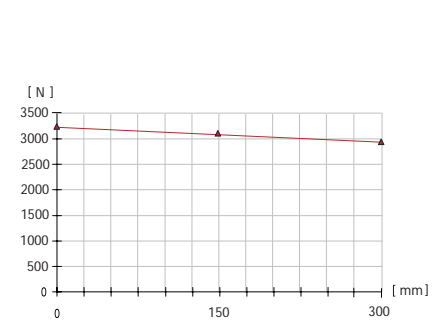


Gripping force diagram

Gripping force against the extension speed at 100% motor efficiency

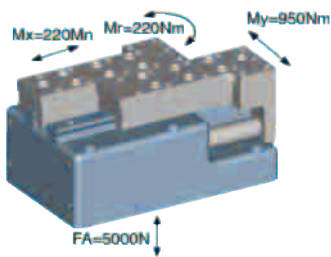


Gripping force against the jaw length.

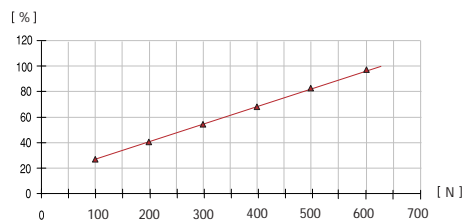


Forces and Moments

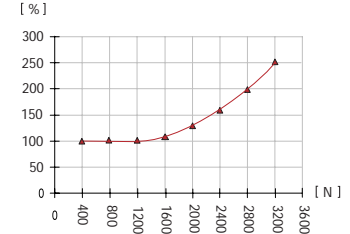
Max allowable forces and torques on jaws



Adjustable gripping force against the motor efficiency at smoothly extending



Motor efficiency in opening against the gripping force.



Included in the delivery



Centering sleeves
Order no. BDST41600



Software CD
Order no. CD0001

Accessory list



Connecting cable motor-servo amplifier (10m)
Order no. ZUBKA-10M



Connecting cable encoder-servo amplifier (10m)
Order no. ZUBKA-10D

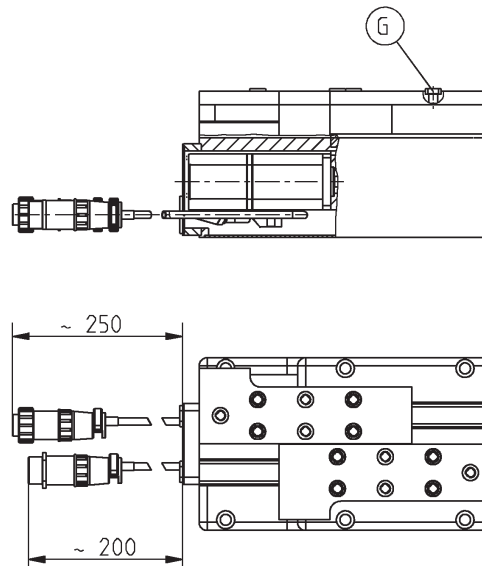


Interface cable PC-control unit (5m)
Order no. ZUBKA05R



Servo amplifier
Order no. ZUBDKC-C (CANopen)
Order no. ZUBDKC-D (DeviceNet)
Order no. ZUBDKC-P (Profibus)
Order no. ZUBDKC-S (Sercos)
Order no. ZUBDKC-PAI (Parallel Interface)

Accessories



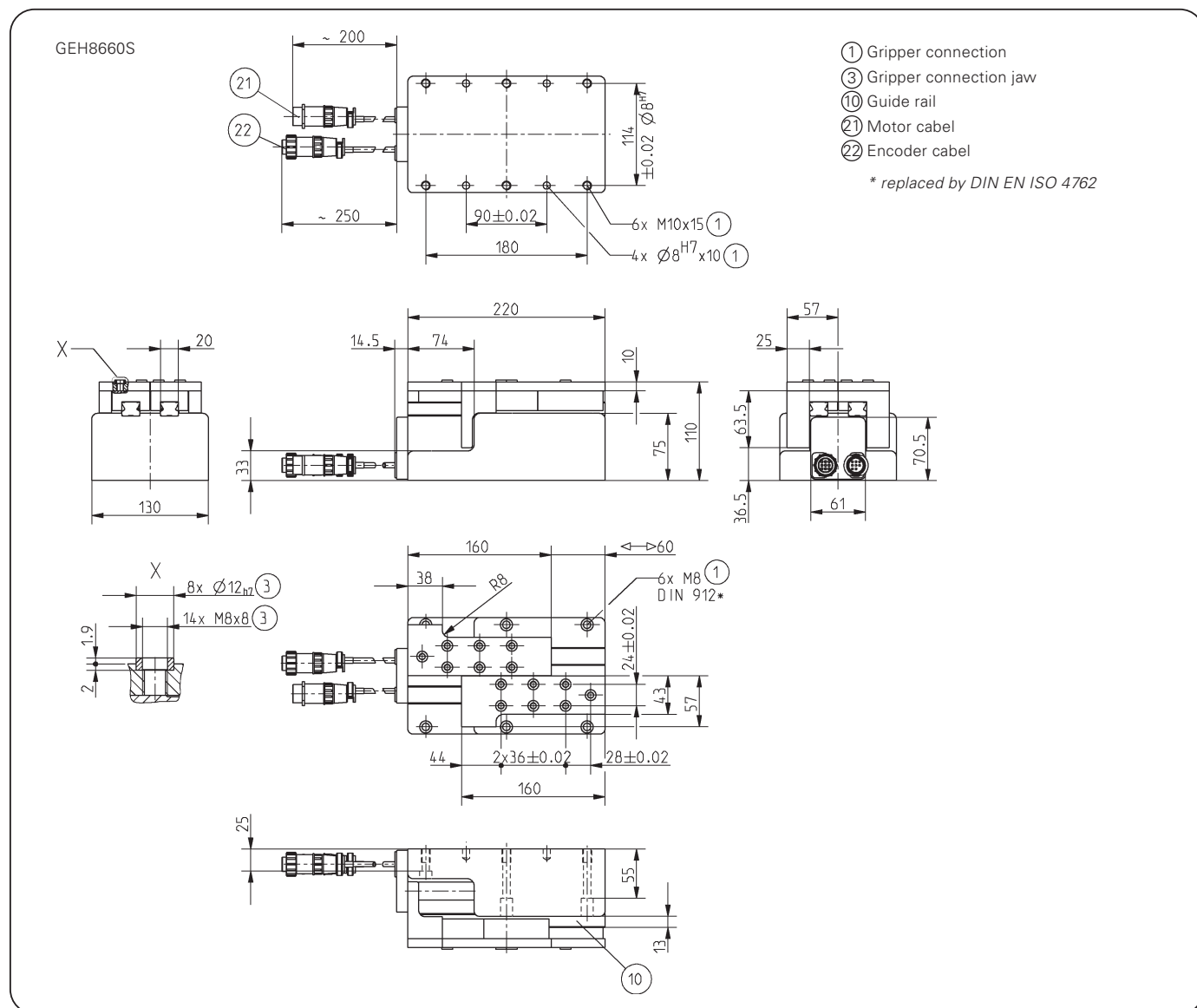
Subject to change without prior notice



Order no.:	GEH8660S
Drive:	AC-servo motor
Stroke per jaw [mm]:	60
Max. retention force [N]:	3200
Retention force min. [N]:	100
Self limitation:	Rack/worm gear
Force transfer:	Rack/worm gear
Closing and opening time at max. stroke [s]:	1,5
Repeatability +/- [mm]:	0,05
Min./max. operating temperature [°C]:	5/80
Protection class:	IP 65
Weight [kg]:	10

Power supply servo regulator:	
Net input voltage:	1 x 200-240 VAC 50Hz
Continuous current:	100 W / 1,1 A
Surge current:	100 W/3,0 A

Transmission:	
Load transmission input rotation:	375 revolution
Load transmission output rotation:	49 revolution
Feed constant:	3,1415 mm/ revolution

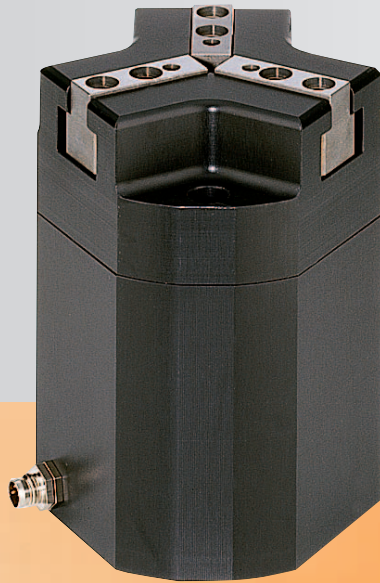


Subject to change without prior notice



Three-jaw gripper

electrical



GED1302 up to GED1506 Series

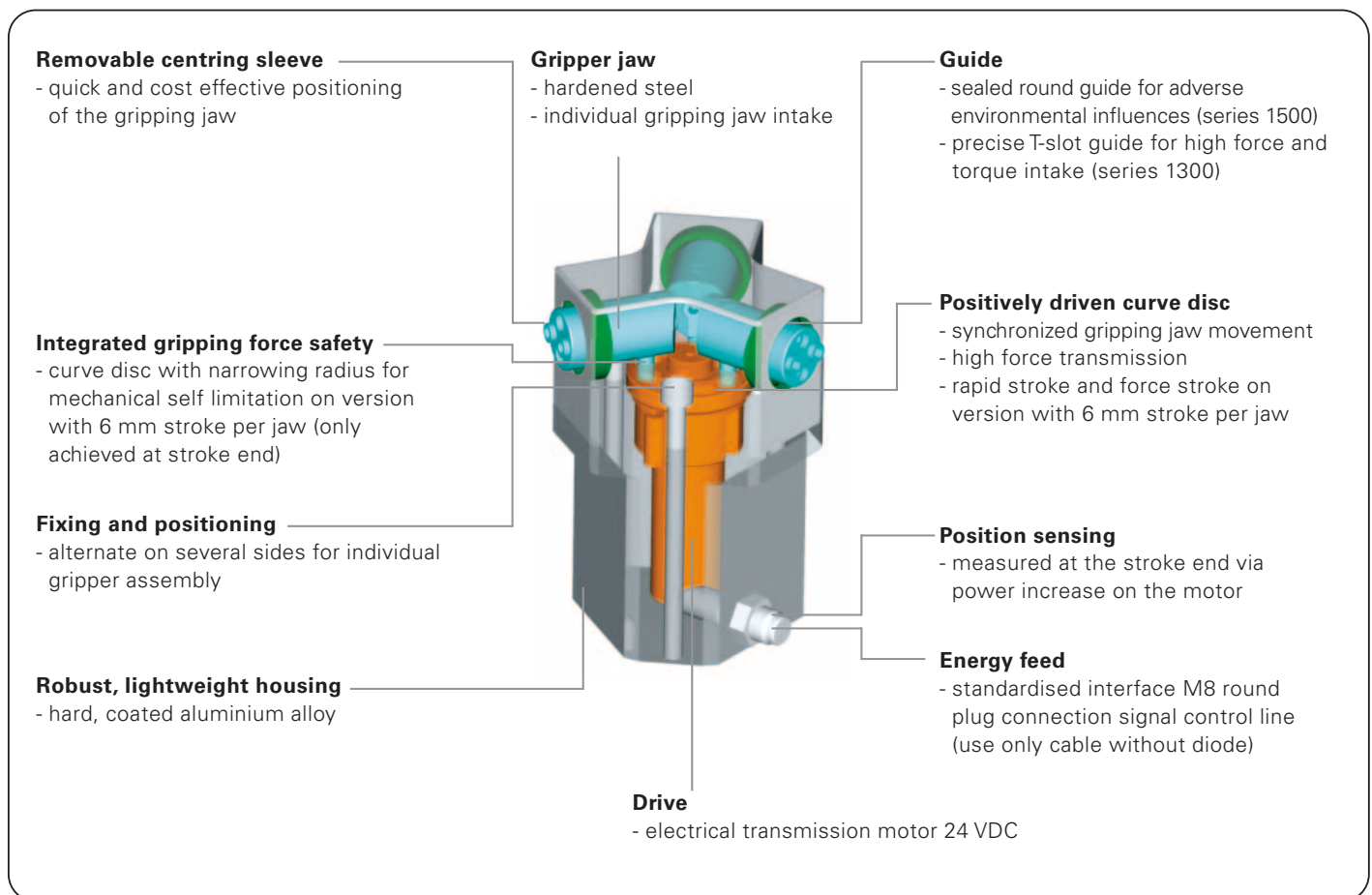
SOMMER
automatic

Three-jaw *gripper electrical*

➤ Features

- compact electrically driven three-jaw gripper with gripping force up to 350 N and 6 mm stroke per jaw
- easiest energy supply using 24V machine voltage, independent of pneumatics and hydraulics
- position inquiry, regulable gripping force and mechanical gripping force safety (on version with 6 mm stroke per jaw)

Functional diagram





Terms

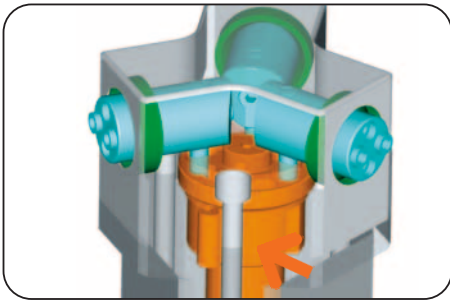
- Gripping force:** arithmetic sum of the individual forces occurring at the jaws
- Closing/opening time:** required time for the gripper jaws to cover the maximum stroke distance
- Repeatability:** at end stops after 50/100 consecutive cycles
- Gripping force safety:** the gripping force safety is guaranteed by the shape of curve disc. It is only available if the curve disc travels to its stroke end during gripping. Only on versions with 6 mm stroke per jaw.
- Cycle:** angle of rotation covered by the drive motor in an open and close movement
- Maintenance:** recommended at 5 mil. cycles
(please see the owner's manual for conditions, download from www.sommer-automatic.com)
- long maintenance intervals keep costs down
 - long lifespan

Model

- C:** For external gripping, gripping force safety on stroke end by shape of the curve disc
- O:** For internal gripping, gripping force safety on stroke end by shape of the curve disc

Order no.	Stroke per jaw	Gripping force in opening	Gripping force in closing	Gripping force safety from
GED1302	2 mm	140 N	140 N	-
GED1306C	6 mm	350 N	-	Curve disc on stroke end
GED1306O	6 mm	-	350 N	Curve disc on stroke end
GED1502	2 mm	115 N	115 N	-
GED1506C	6 mm	290 N	-	Curve disc on stroke end
GED1506O	6 mm	-	290 N	Curve disc on stroke end

Three-jaw *gripper electrical*



Drive

Electrical transmission motor 24V DC

C and O design

In conjunction with curve disc for rapid stroke and force stroke

- high drive force when opening (O) or closing (C)
- gripping force up to 350 N
- rapid cycle times



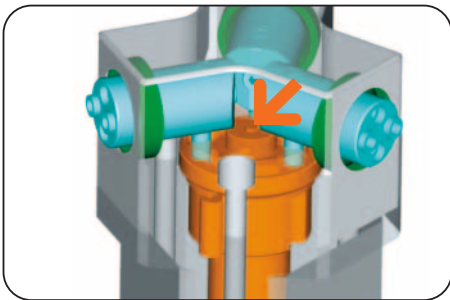
Guide

Sealed round guide (series 1500)

- sealed
- for adverse environmental influences

Not in illustration: polished T-slot guide in surface hardened steel (series 1300)

- T groove guide for maximum force and torque intake
- high precision due to low play design



Force transfer

Positively driven curve disc

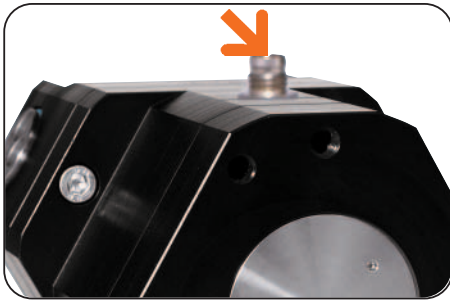
- rapid stroke and force stroke on version with 6 mm stroke per jaw
- optimum force steering of drive force in gripping force
- self-centering
- synchronisation
- high repeat accuracy



Gripping jaw intake

From individual gripping jaw via centering sleeve

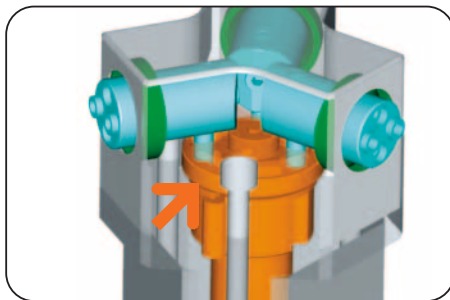
- precise positioning of individual gripping jaws
- quick, cost-effective and therefore economical jaw changing
- space-saving fixing



Machine connection

Energy feed, fixing and positioning possibilities on several sides

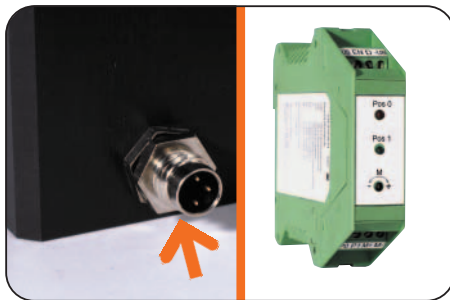
- optimum integration into the workroom through individual mounting situation
- standardised interface



Gripping force safety

C and O design

- curve disc with narrowing radius for mechanical self limitation at stroke end
- only on version with 6 mm stroke per jaw, only achieved at stroke end



Position sensing

Indirect

- process safe
- compact
- no additional interference contours

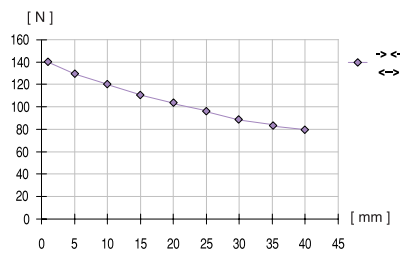
The control electronics included in the delivery contain an adjustable min. and max. value for the power. A blocking gripper drive motor at the stroke end (gripping or end position) causes a rise in power. The corresponding output signal can be used as a position sensing.

Three-jaw **gripper electrical**



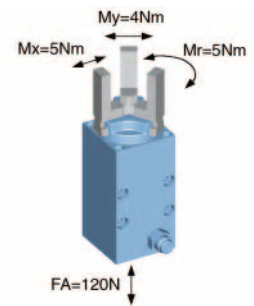
Gripping force diagram

Gripping force against to the jaw length.

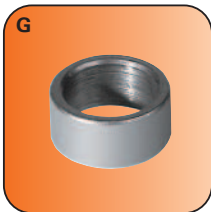


Forces and Moments

Max allowable forces and torques on jaws.



Included in the delivery

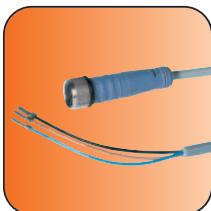


Centering sleeves
Order no. **BDST2900**



Control
Order no. **ELEGR01**

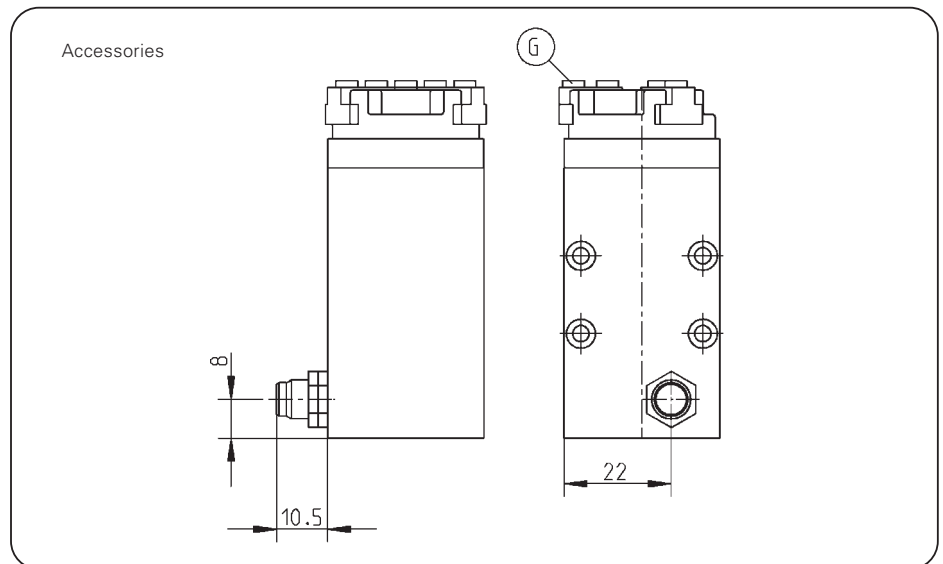
Accessory list



Cable straight plug
Order no. **KAG500**



Cable angled plug
Order no. **KAW500**



Subject to change without prior notice

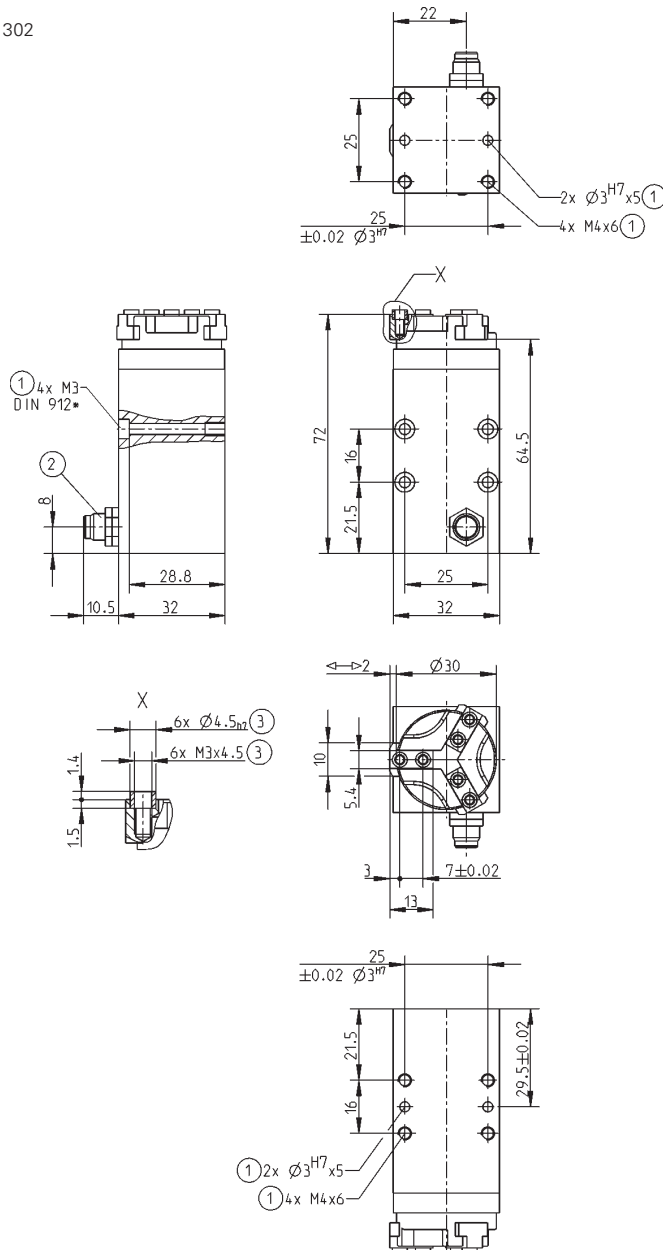


Order no.:	GED1302
Stroke per jaw [mm]:	2
Gripping force in closing and opening (adjustable) [N]:	140
Recommended workpiece weight [g]*:	700
Closing time/opening time [s]:	0,2
Repeatability +/- [mm]:	0,02
Voltage [V]**:	24
Max. current regulable by potentiometer [mA]:	140
Min./max. operating temperature [°C]:	5/80
Protection class:	IP 52
Weight [g]:	250

* Value determined with friction coefficient $\mu = 0.1$ and safety factor $n = 2$

** High-temperature-resistant model (up to 150°C) add T to part number

GED1302



- ① Fixing gripper
- ② Energy supply, round plug connector M8x1
- ③ Fixing gripper jaw

* equivalent to DIN EN ISO 4762

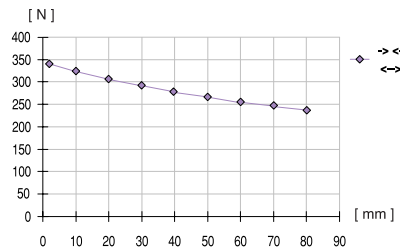
Subject to change without prior notice

Three-jaw gripper electrical



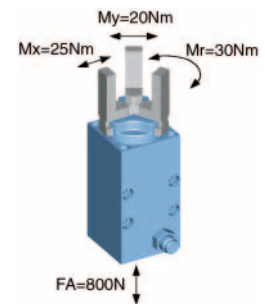
Gripping force diagram

Gripping force against to the jaw length.

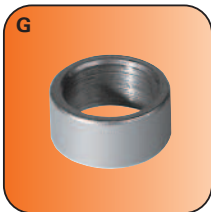


Forces and Moments

Max allowable forces and torques on jaws.



Included in the delivery

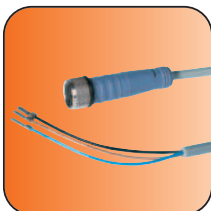


Centering sleeves
Order no. BDST40800



Control
Order no. ELEGR04

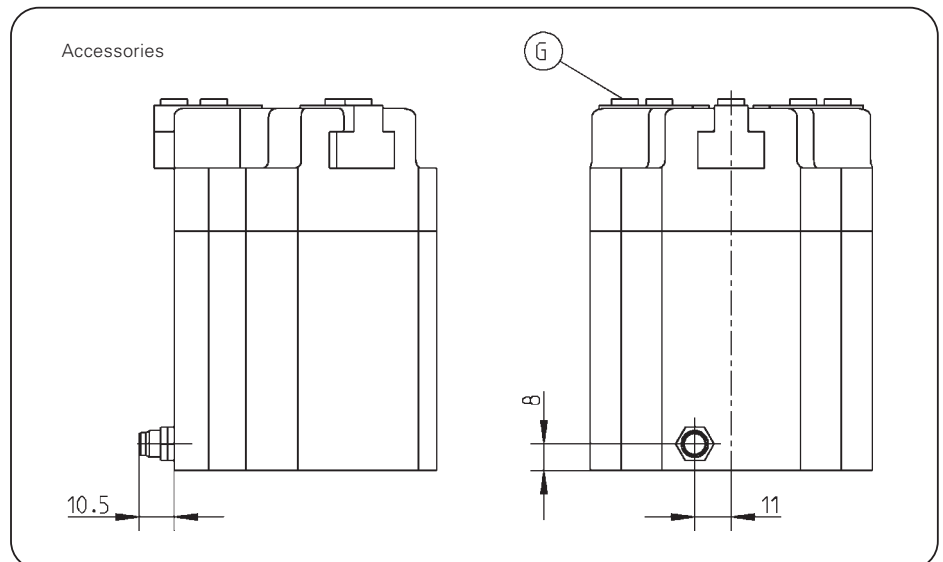
Accessory list



Cable straight plug
Order no. KAG500



Cable angled plug
Order no. KAW500



Subject to change without prior notice



Order no.:	GED1306C	GED1306O
Stroke per jaw [mm]:	6	6
Gripping force in closing (adjustable) [N]:	350	-
Gripping force in opening (adjustable) [N]:	-	350
Recommended workpiece weight [kg]*:	1,78	1,78
Closing time/opening time [s]:	0,2	0,2
Repeatability +/- [mm]:	0,02	0,02
Voltage [V]**:	24	24
Max. current regulable by potentiometer [mA]:	210	210
Min./max. operating temperature [°C]:	5/80	5/80
Protection class:	IP 52	IP 52
Weight [kg]:	1,7	1,7

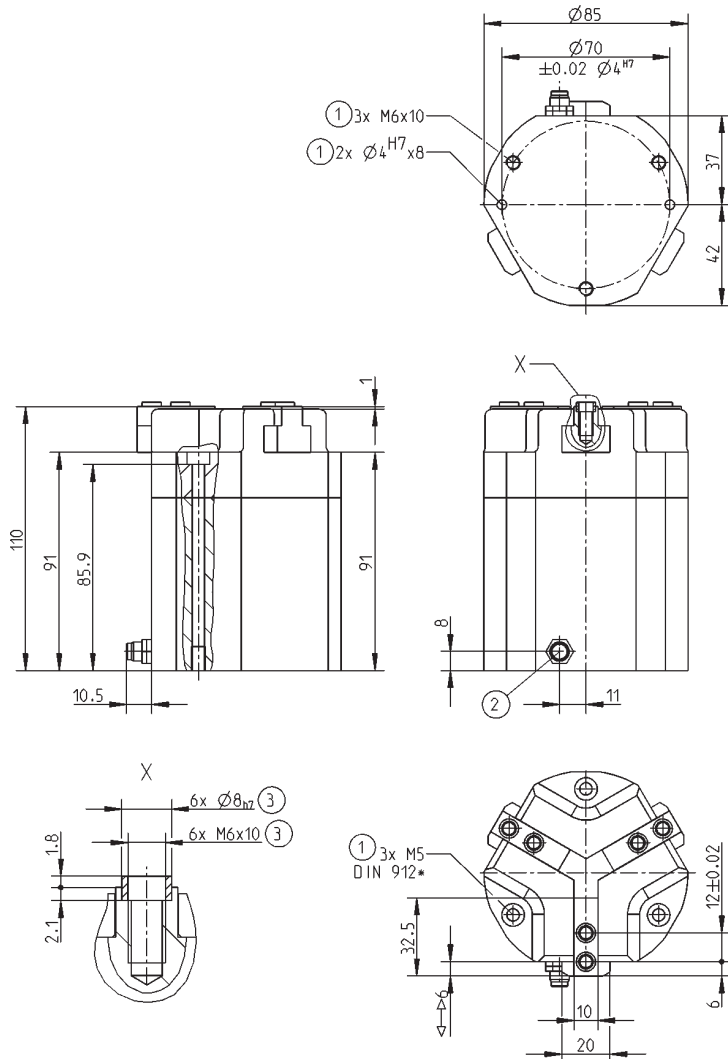
* Value determined with friction coefficient $\mu = 0.1$ and safety factor $n = 2$

** High-temperature-resistant model (up to 150°C) add T to part number

GED1306

- ① Fixing gripper
- ② Energy supply, round plug connector M8x1
- ③ Fixing gripper jaw

* equivalent to DIN EN ISO 4762



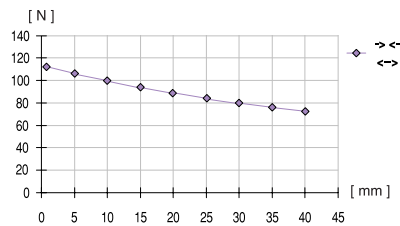
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Three-jaw gripper electrical



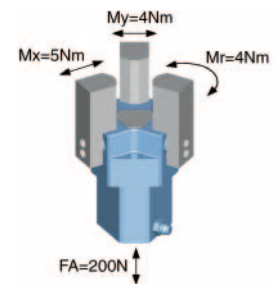
Gripping force diagram

Gripping force against to the jaw length.

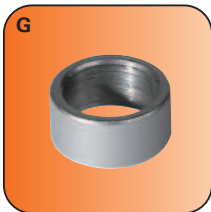


Forces and Moments

Max allowable forces and torques on jaws.



Included in the delivery

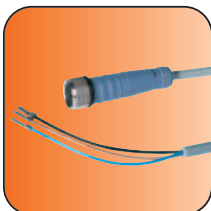


Centering sleeves
Order no. BDST2900



Control
Order no. ELEGR01

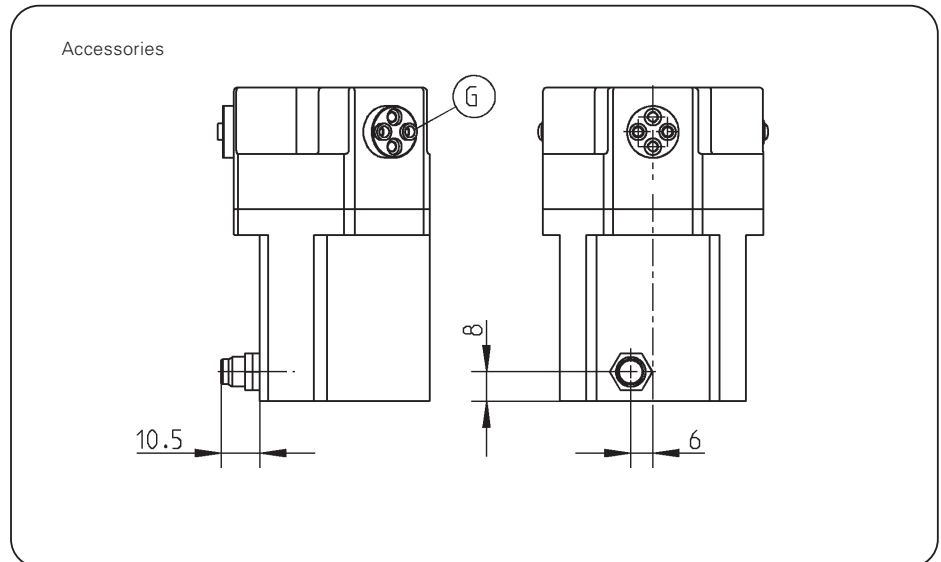
Accessory list



Cable straight plug
Order no. KAG500



Cable angled plug
Order no. KAW500



Subject to change without prior notice

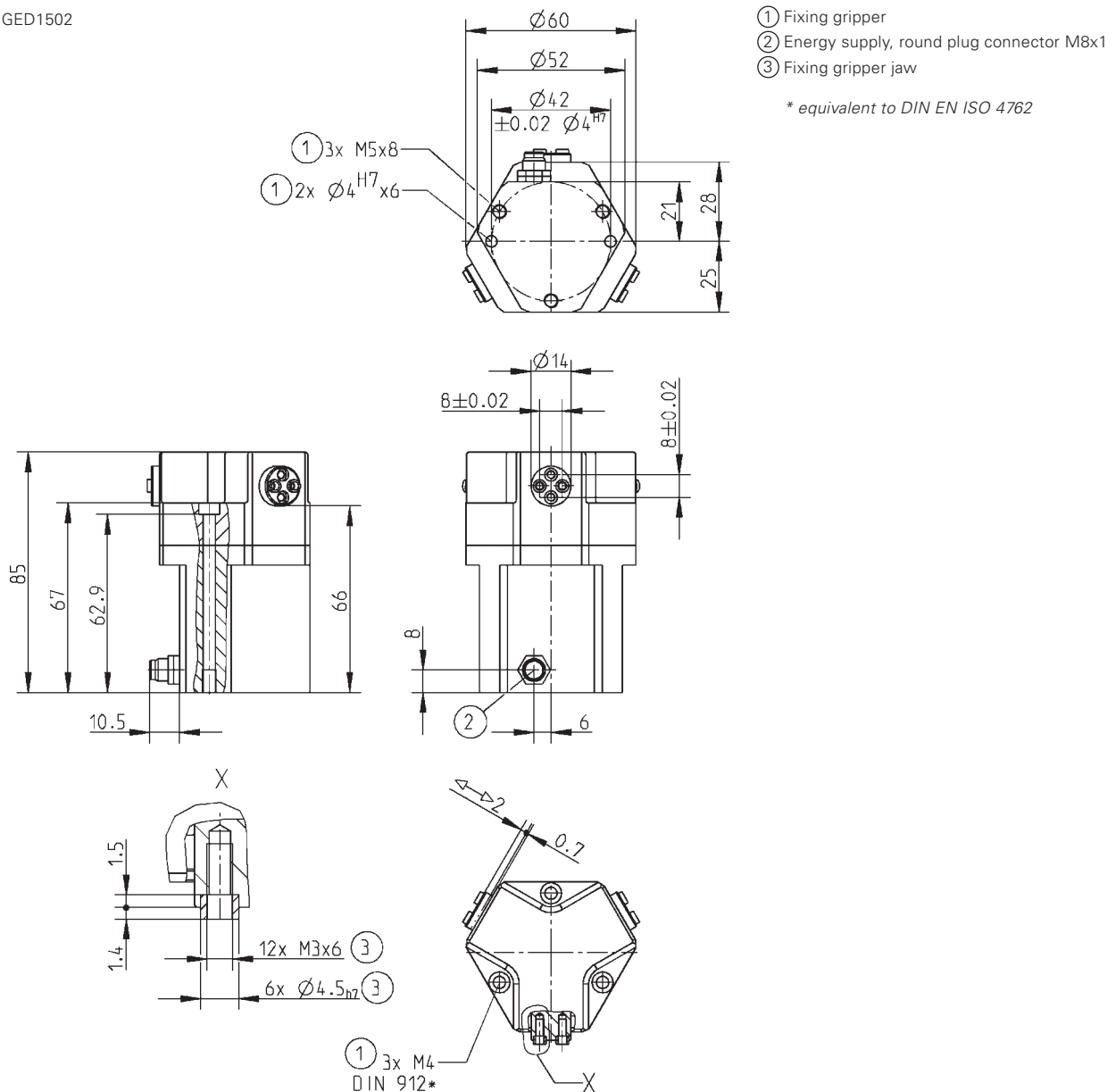


Order no.:	GED1502
Stroke per jaw [mm]:	2
Gripping force in closing and opening (adjustable) [N]:	115
Recommended workpiece weight [g]*:	58
Closing time/opening time [s]:	0,2
Repeatability +/- [mm]:	0,02
Voltage [V]**:	24
Max. current regulable by potentiometer [mA]:	210
Min./max. operating temperature [°C]:	5/80
Protection class:	IP 67
Weight [g]:	320

* Value determined with friction coefficient $\mu = 0.1$ and safety factor $n = 2$

** High-temperature-resistant model (up to 150°C) add T to part number

GED1502



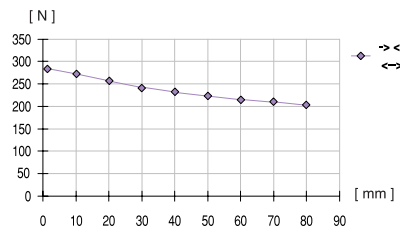
Subject to change without prior notice

Three-jaw gripper electrical



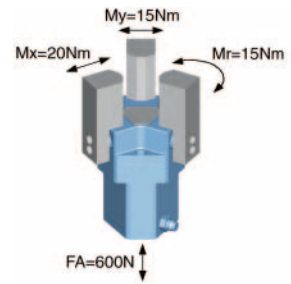
Gripping force diagram

Gripping force against to the jaw length.

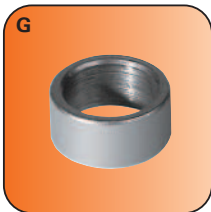


Forces and Moments

Max allowable forces and torques on jaws.



Included in the delivery

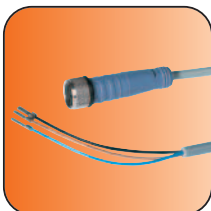


Centering sleeves
Order no. BDST40800



Control
Order no. ELEGR04

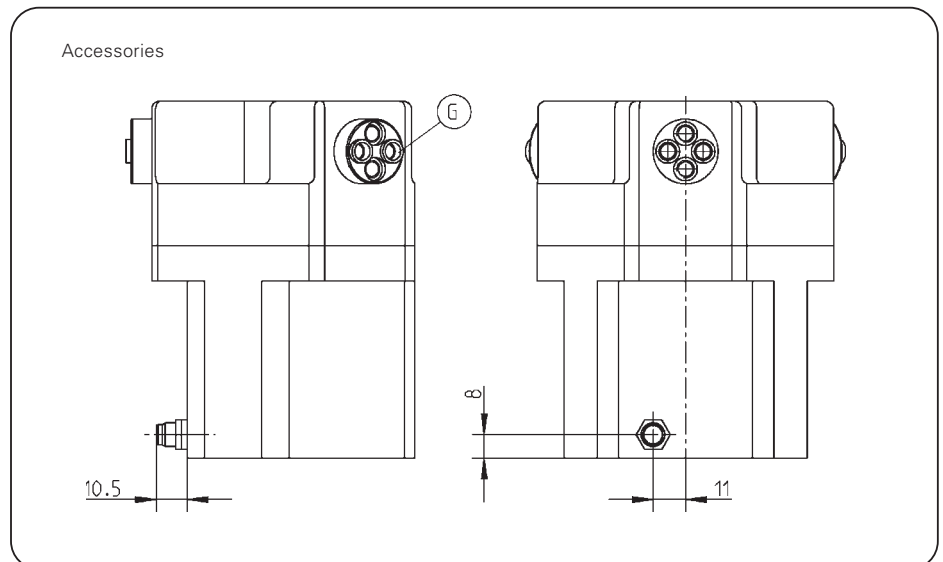
Accessory list



Cable straight plug
Order no. KAG500



Cable angled plug
Order no. KAW500



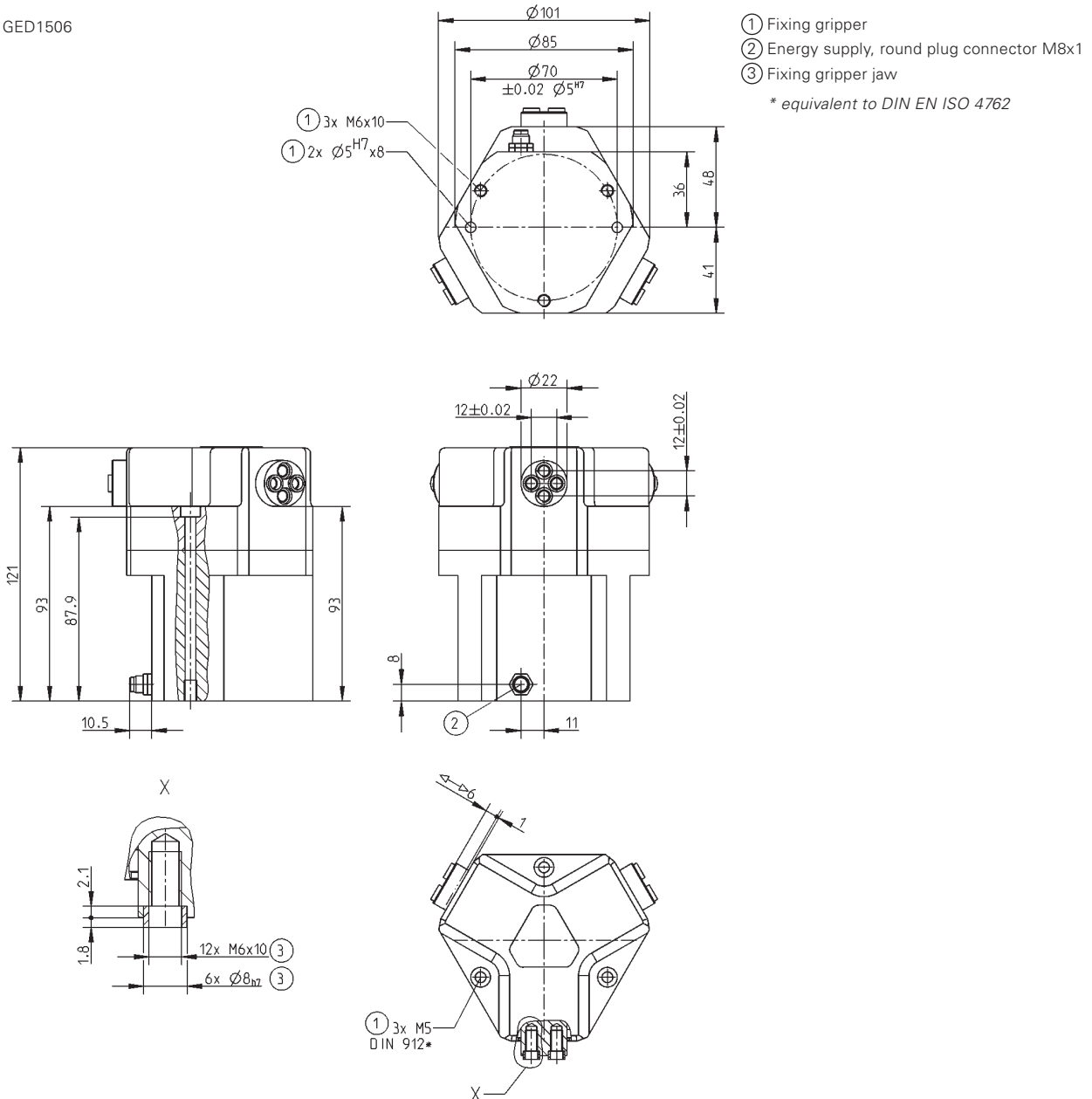


Order no.:	GED1506C	GED1506O
Stroke per jaw [mm]:	6	6
Gripping force in closing (adjustable) [N]:	290	-
Gripping force in opening (adjustable) [N]:	-	290
Recommended workpiece weight [kg]*:	1,47	1,47
Closing time/opening time [s]:	0,4	0,4
Repeatability +/- [mm]:	0,02	0,02
Voltage [V]**:	24	24
Max. current regulable by potentiometer [mA]:	210	210
Min./max. operating temperature [°C]:	5/80	5/80
Protection class:	IP 67	IP 67
Weight [kg]:	2	2

* Value determined with friction coefficient $\mu = 0.1$ and safety factor $n = 2$

** High-temperature-resistant model (up to 150°C) add T to part number

GED1506



Subject to change without prior notice



➤ Grippers <i>pneumatic</i>	01
➤ Grippers <i>electrical</i>	02
➤ Grippers <i>hydraulic</i>	03
➤ Grippers <i>Special</i>	04
➤ Grip & Rotate Modules <i>pneumatic</i>	05
➤ Separators	06
➤ Swivel Units <i>pneumatic</i>	07
➤ Swivel Units <i>electrical</i>	08
➤ Swivel Units <i>hydraulic</i>	09
➤ Rotation Jaws <i>pneumatic</i>	10
➤ Axial Compensation Modules	11
➤ Tool Changers	12
➤ Robotics Accessories	13
➤ Linear Cylinders	14
➤ Shock Absorber	15
➤ Air Vane Motors	16
➤ Rotary Cylinders	17
➤ Vacuum Components	18