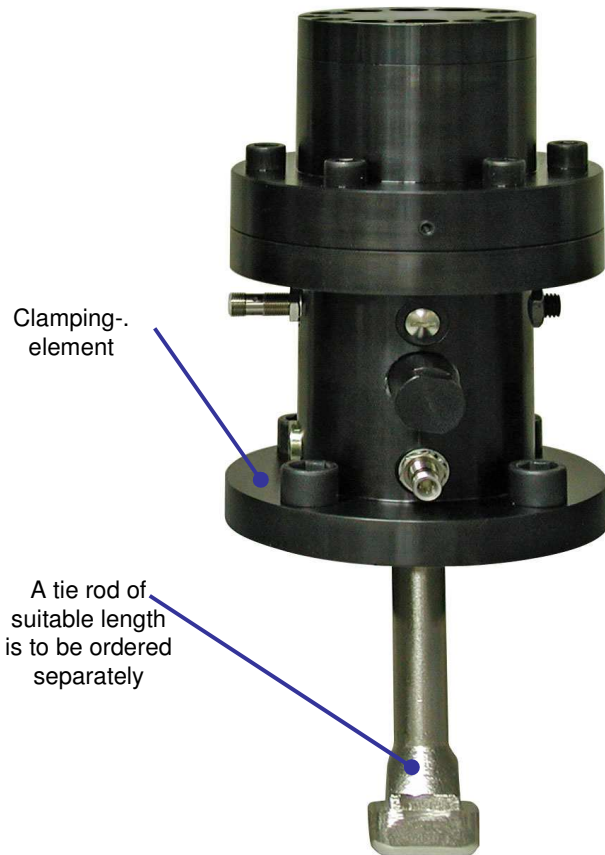


Pivot and pull clamping element, double acting, max. 400 bar



Applications:

For the automatic clamping of dies on press rams

Function:

The control mechanism converts the stroke of the double-acting piston into a pivot and pull movement of the tie rod. In order to release the die, the tie rod extends down, then swivels out of 15°.

The clamping force is transmitted to the clamping point in the axial direction. The clamping and unclamping positions are monitored by inductive proximity switches.

Temperature range up to 85°C.
Higher temperatures on request.

Special features:

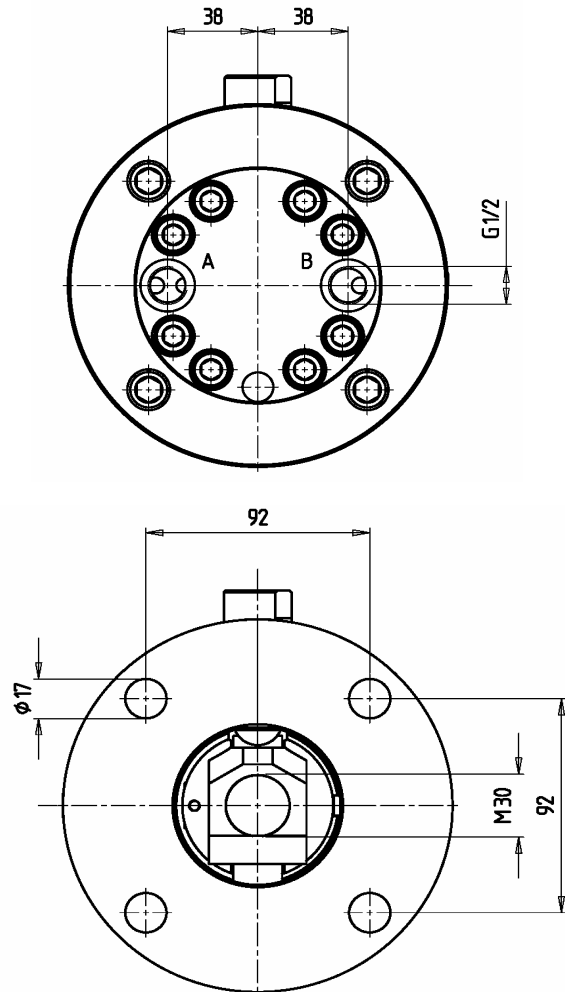
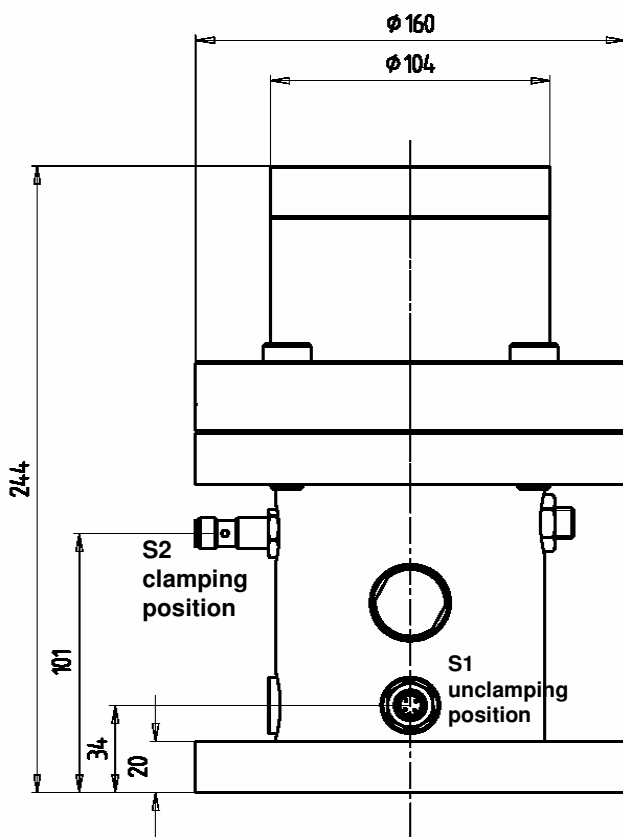
- 10 mm clamping stroke, therefore high adaptability to different clamping edge heights
- high functional reliability ensured by position monitoring and an automatic cycle
- the tie rod can be pivoted, therefore no risk of collisions with edges when inserting the die
- optimum utilisation of the ram surface
- easy and rapid installation
- very suitable for retrofitting

NEW



HILMA

Pivot and pull clamping element, double acting, max. 400 bar



Resistant to temperatures of up to 85°C
(higher temperatures on request)

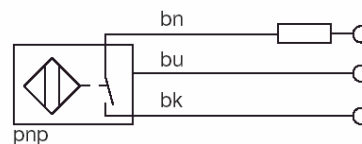
Max. flow rate: 16cm³

Clamping force (kN) at 400 bar (other clamping forces on request)	104
Clamping stroke (mm)	10
Piston stroke (mm)	24
Oil requirement for clamping (cm ²)	52
Oil requirement for unclamping (cm ²)	77
Part no.	8.2185.1000

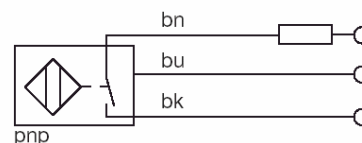
Position monitoring:

Nominal tripping cycle SN 2 mm
Ambient temperature TA -40.....+85°C
Operating voltage UB 10.....30 V(DC)
Constant current 200 mA
Switching function N/O (PNP)

Initial settings



S1- unclamping position
(N/C contact)



S2- clamping position
(N/C contact)

Accessories:

- Plug with cable (connecting cable) for inductive proximity switches
- 5700014 (10m) with straight plug
- 2.0975.0024 (5m) with 90° elbow plug

2.2185

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Subject to modifications.