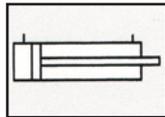


## Area of application

- for medium-sized and large presses
- for increased functional safety even in case of pressure drop
- for different die sizes and clamping thicknesses
- suitable for top and bottom die clamping
- for dies with U-shaped recesses
- recommendable for retrofit applications



## Mode of operation

- The necessary clamping force is generated by a double-acting hydraulic cylinder with a wedge mechanism.
- The mechanically self-locking T-bolt clamp is inserted into the U-recess of the die and the corresponding machine T-slot by hand or by means of an optionally available positioning unit (type HFS with chain drive or type EFV with spindle drive).



## Description

The hydraulically operated clamping cylinder generates the required clamping force by means of a wedge mechanism. After the clamping procedure the wedge mechanism is mechanically self-locking.

Hydraulic pressure is only required during the clamping and releasing procedures.

Releasing is done by applying hydraulic pressure to the release side of the piston.

The clamp unit can be centrally operated by the machine control system or by a separate hydraulic unit.

## Advantages

- progressively adjustable to different die sizes
- large clamping thickness tolerances
- central operation
- with corrosion protection
- mechanically self-locking
- low operating pressure
- suitable for retrofit applications



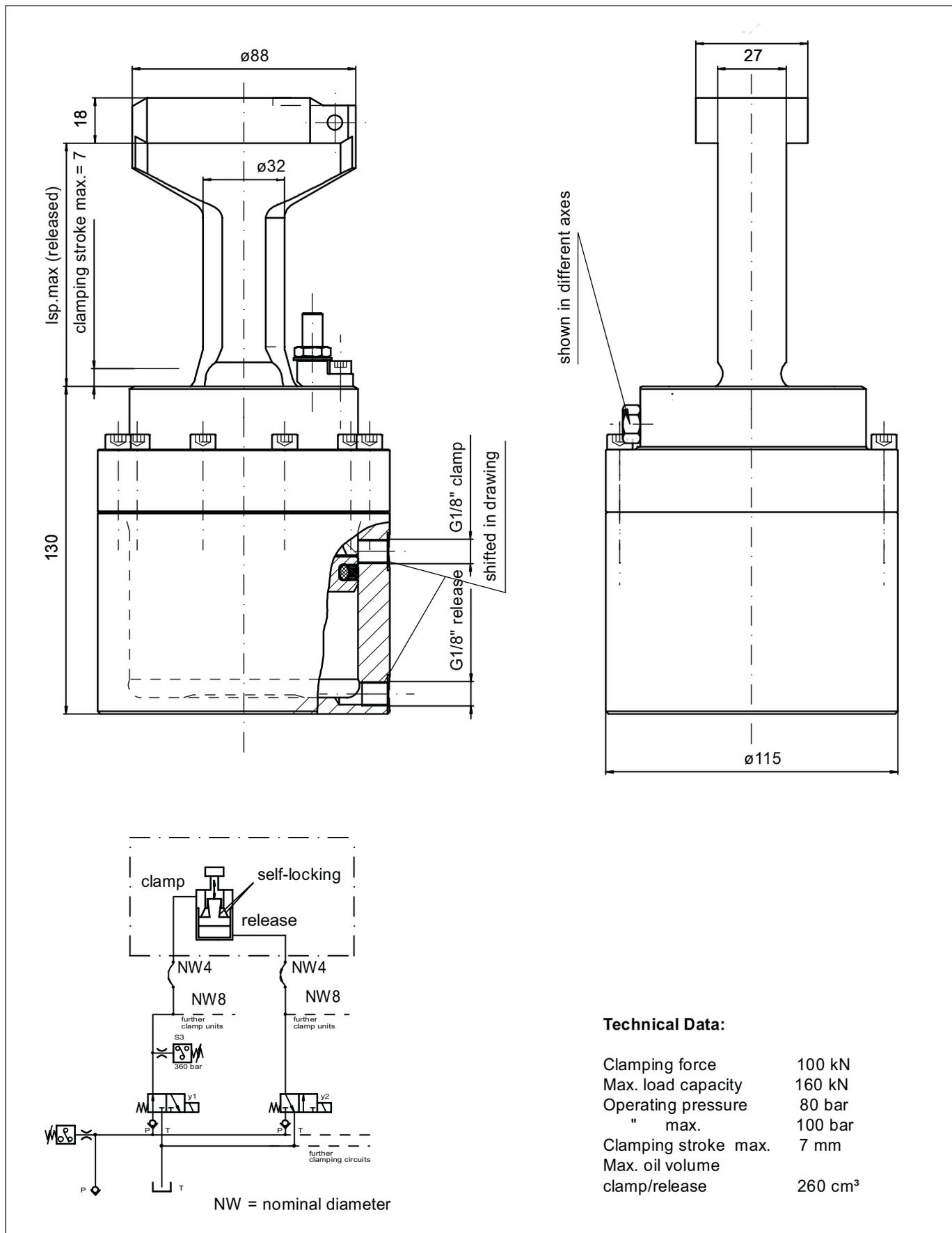
## Technical Data

|   |        |
|---|--------|
| Max. operating temperature:   | 70° C  |
| Max. operating pressure:  | 80 bar |
| Switching functions:  |        |
| Clamp unit released (optional)  | (S5)   |
| Clamp unit clamped (optional)   | (S6)   |
| Limit switch type: inductive proximity switch,<br>PNP normally open contact, 10 – 30 V DC |        |

## Accessory

- positioning unit type HFS or EFV
- screw connections
- hydraulic hoses and pipes / hydraulic accessory
- hydraulic units

Subject to technical modification !



Subject to technical modification !