

RNEL 381

Data sheet RNE-020-381

Riveting Unit with Long Stroke

Rivet shank Ø: up to 20 mm | Force: up to 40.00 kN | Stroke: up to 90 mm

Key features | Content of delivery

Forming process: Radial

LONG STROKE VERSION

- Nominal force 40 kN @ 100 bar (max. operating pressure)
- Rivet shaft up to Ø 20 mm (Steel 370 N/mm²)
- Spindle stroke 40-90 mm with 0.01 mm micrometer scale and mechanical stroke limit
- Machine weight: approx. 80 kg
- Hydraulic pack weight (empty): approx. 54kg
- Electro-hydraulic drive - power supply @x@V, @Hz
- Permanently lubricated spindle
- Pressure cup & tool holder Rp = @ mm for forming tool length Ls = @ mm
- Color: light grey RAL 7035

Including

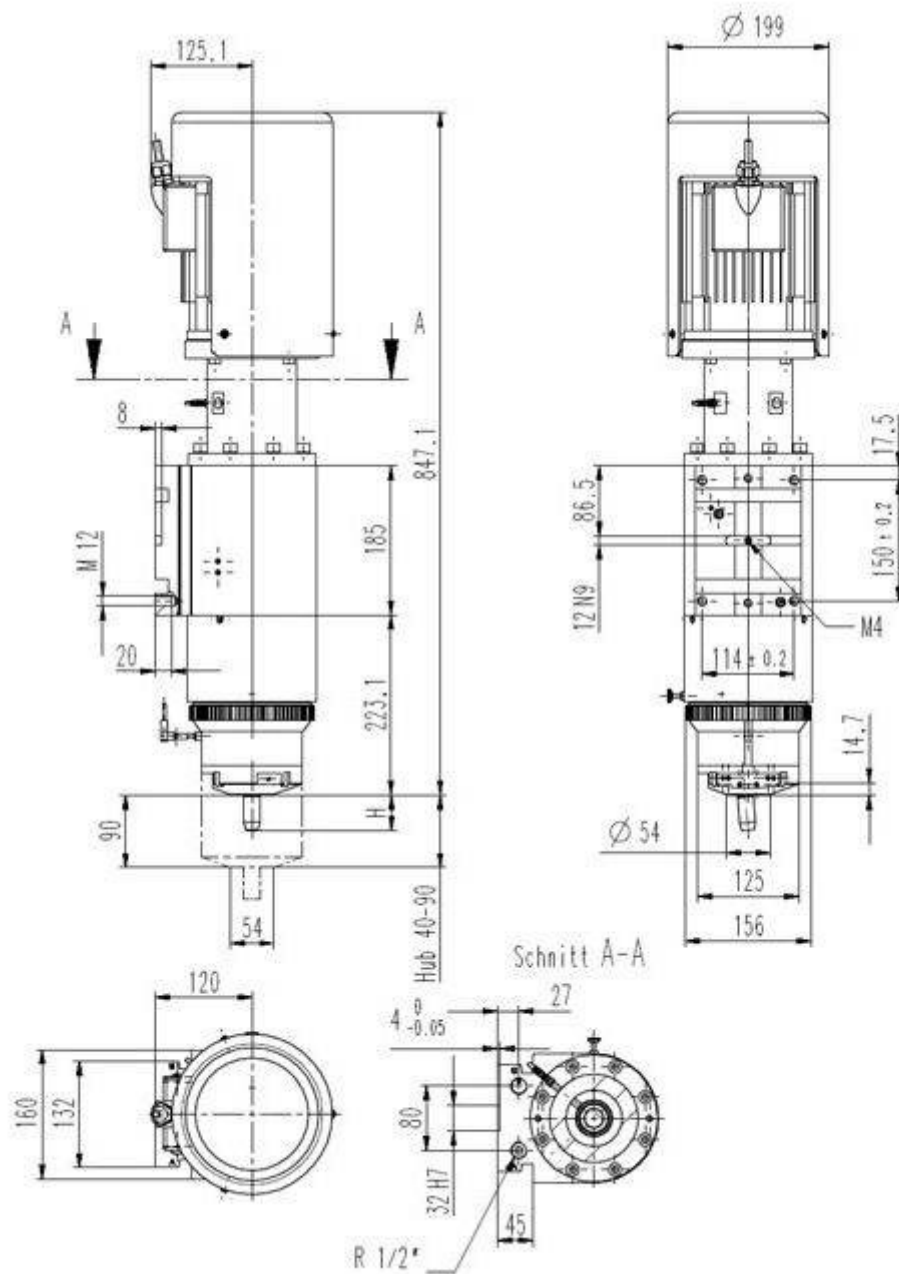
- Manual grease gun (not supplied if automatic lubrication is ordered)
- Standard accessories and user manual in the language of destination

Options

- SEI-OTH-381 Sensor upper spindle home position (TDC)
- NHE-MYC-E-02, Rivet base detection device NHE-E
- NHE-MST-xxx, RBD lever and touch sleeve (@)
- NZ-039, Automatic lubrication with reservoir grease level monitor

Subject to change.

Drawing



Forming tool lengths



Radius mm Rp	Tool length mm Ls	Free height mm H	Shank Ø mm Ds	Angle of inclination α
100.00	68.00	28.00	20	5° 37'
116.00	84.00	44.00	20	4° 47'
132.00	100.00	60.00	20	4° 10'
148.00	116.00	76.00	20	3° 41'
170.00	138.00	98.00	20	3° 10'
191.00	159.00	119.00	20	2° 49'
240.00	208.00	168.00	20	2° 13'

Forming tool profile



Our engineers are routinely meeting the demands of complex design problems. Having the specific tools needed for your metal forming project can mean the difference between success and failure. Contact us with your unique application for custom tooling.



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