

STRIPPER

Description:

The stripper is used for stripping 2478.30.00170.3 of sheet metal parts after the forming operation (eg folding functions). Gas refill, reduce and composite assembly are possible over the cylinder tube sheet.

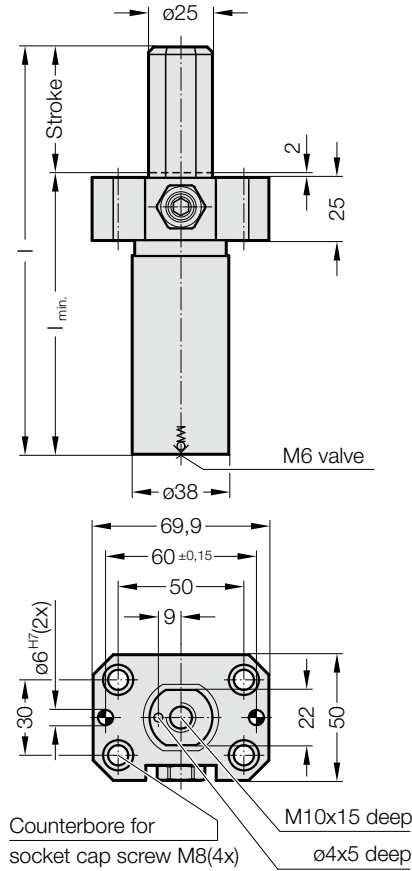
Note:

Strippers are equipped with a "Power Line" 2487.12.00170. gas spring with no option for wear compensation, so complete replacement is required.

- Initial spring force: 170 daN
- Pressure medium: Nitrogen - N₂
- Max. filling pressure: 180 bar
- Min. filling pressure: 25 bar
- Working temperature: 0°C to +80°C
- Temperature force increase: ± 0,3%/°C
- Max. recommended extensions per minute: approx. 40 to 100 (at 20°C)
- Max. piston speed: 1,6 m/s
- Max. usable stroke: 100%

Spring forces as per spring diagram.

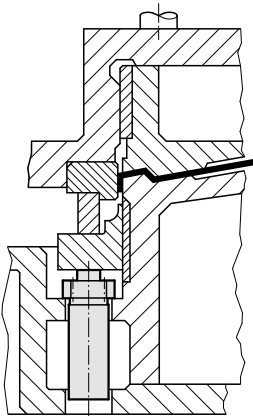
2478.30. .3



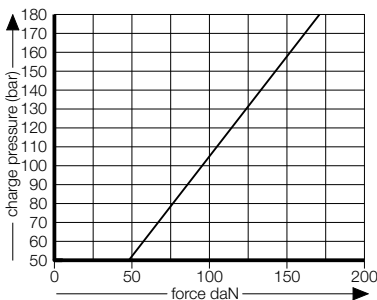
2478.30. .3

Stripper

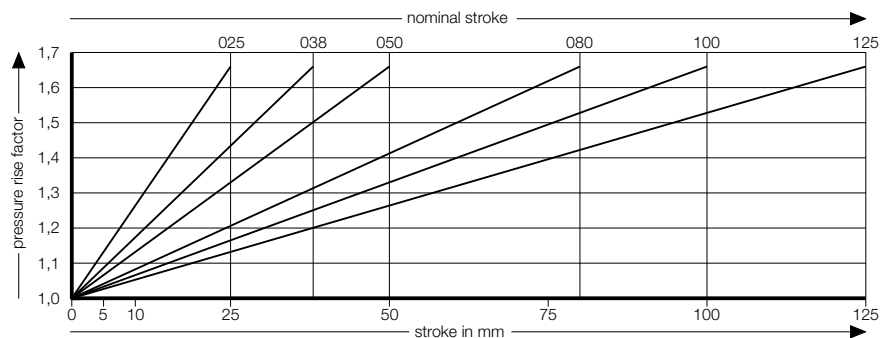
| Order No | Stroke _{max.} | l _{min.} | l |
|---------------------|------------------------|-------------------|-----|
| 2478.30.00170.025.3 | 25 | 87 | 112 |
| 2478.30.00170.038.3 | 38 | 100 | 138 |
| 2478.30.00170.050.3 | 50 | 112 | 162 |
| 2478.30.00170.080.3 | 80 | 145 | 225 |
| 2478.30.00170.100.3 | 100 | 165 | 265 |
| 2478.30.00170.125.3 | 125 | 190 | 315 |



Initial spring force versus charge pressure



Spring force Diagram displacement versus stroke rise



Pressure rise factor accounts for displacement but not external influences!