## Pneumatic O-Ring Grippers PM 4-Finger

PM are innovative multi-finger grippers for handling and assembling external O-rings Advantages

- Specifically designed with an independent device which expands the gasket and another which subsequently ejects it for assembling.
- Ability to assemble particularly thick gaskets and to position them in seats which are located at a distance from the ends of the housing.
- Adjustable stroke suitable for different O-ring sizes.
- Robust lightweight housing made of hard-coated aluminum alloy.



## SPECIFICATIONS

| Model | Nr. | Stroke Per Jaw | Ejector Stro | Theoretical opening force per jaw @ 6 bar | Ejector force <br> @ 6 bar | Weight | Repeatability |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| PM04 | 4 | $\begin{array}{rl} 1.85-5 & \mathrm{~mm} \\ 0.07-0.20 & \text { in } \end{array}$ | $\begin{array}{rl} 5 & \mathrm{~mm} \\ 0.2 & \text { in } \end{array}$ | $\begin{array}{r} 158 \mathrm{~N} \\ 35.52 \mathrm{lb} \end{array}$ | $\begin{array}{ll} 570 & \mathrm{~N} \\ 128 & \mathrm{lb} \end{array}$ | $\begin{array}{ll} 1.00 \mathrm{~kg} \\ 2.20 \mathrm{lb} \end{array}$ | $\begin{aligned} & \pm 0.05 \mathrm{~mm} \\ & \pm 0.0020 \mathrm{in} \end{aligned}$ |
| Operating Pressure 4-8 bar (58-116 psi) <br> Working Temperature 5-60 ${ }^{\circ} \mathrm{C}$ (41-140 ${ }^{\circ} \mathrm{F}$ ) <br> Noise Emission (Sound Pressure) $<=\mathbf{7 0} \mathbf{~ d b}(\mathbf{A})$ in any direction |  |  |  |  |  |  |  |

## SECTIONAL DIAGRAM





C $=$ Closing jaws
D

* Dimensions are in millimiters.
** All dimensions are descriptive and subject to variation for technical upgrading. We reserve the right to make variations without prior notification

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05.2022_Rev.01_EU

