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

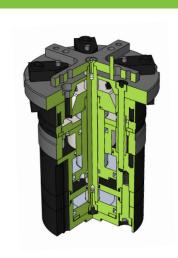
	Model	Nr. of Jaws	Stroke Per Jaw	Ejector Stroke	Theoretical opening force per jaw @ 6 bar	Ejector force @ 6 bar	Weight	Repeatability
	PM04	4	1.85 - 5 mm	5 mm	158 N	570 N	1.00 kg	± 0.05 mm ±0.0020 in
			0.07 - 0.20 in	0.2 in	35.52 lb	128 lb	2.20 lb	

Operating Pressure 4 - 8 bar (58 - 116 psi)
Working Temperature 5 - 60 °C (41 - 140 °F)
Noise Emission (Sound Pressure) <= 70 db(A) in any direction

SECTIONAL DIAGRAM

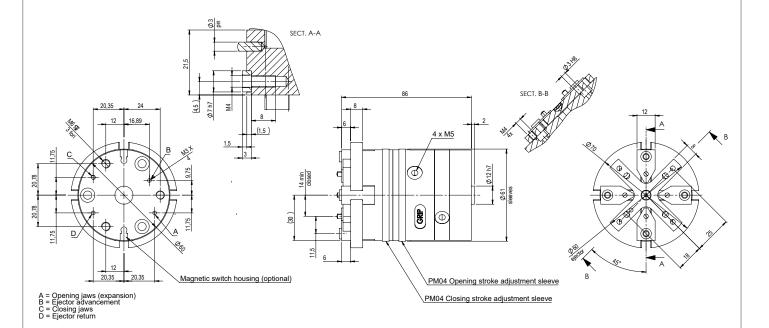






PRODUCT INFORMATION

PM 4-Finger



- * 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



Applied Robotics
648 Saratoga Road
Glenville, NY 12302 USA
Tel. +1 518 384 1000 Fax +1.5183841200
info@appliedrobotics.com
www.appliedrobotics.com



EFFECTO GROUP S.p.A.
Via Roma, 141/143
28017 San Maurizio d'Opaglio (NO) - Italy
Tel. +39 0322 96142 Fax +39 0322 967453
info@effectogroup.com
www.effecto.com

