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V70-40

Art. No. 6541

The ultrasonic welding actuator V70-40 is suitable for welding operations of very small thermoplastic parts. The V70-40 is operated with the generator SDG70-100 as well as with the generators RDG70-100 and AGM70-100 in combination with a superior control.



Specifications

Technical Specifications

Operating Frequency	70 kHz
Compressed Air Supply	7 bar maximum 6 bar nominal Max. consumption at 6 bar: approx. 0.02 NI / stroke
Drive Energy	Compressed Air
Drive Type	Pneumatic double acting cylinder Ø 12 mm
Maximum Force	60 N at 6 bar compressed air
Maximum Stroke	40 mm
Rails	Precision cross-roller rails on the actuator
Stroke Movement	Braking function effective on entire stroke Ultrasonic triggering using differential pressure sensor
Throat Depth	66 mm from the middle of the horn to the mounting level
Tool Fitting	With clamp mechanism on the converter housing

Features

Part Counter	Yes
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Standards

Safety	- This actuator is used as a component in a special purpose machine.
IP Class	IP 20
Standards	<ul style="list-style-type: none">- EN 61000-6-2- EN 61000-6-4- EN ISO 12100- EN 60204-1- EN ISO 13850- EN 574 / A1- EN ISO 13849-1

Dimensions and Weight

Dimensions W × D × H	41 x 91 x 157 mm
Weight	1.1 kg

Warranty

Warranty	2 Years
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Compatibility / Accessoires

Compatible Generator	- SDG70-100P-230-B1
Accessoires	<ul style="list-style-type: none">- Trigger Box - SDG- Adapter Cable SDG / RDG- Air Filter - VST 50 / V70-40- Two-Hand Start for VEA 3000/745