

Speciality Grippers

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This catalog is a custom document and the products included is based on your unique selection from portions of complete catalogs that already exist. Please refer to our full catalogs for more information on products not included in this customized document.

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Speciality Grippers

GR-SPC-1

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FUA SERIES

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Features:

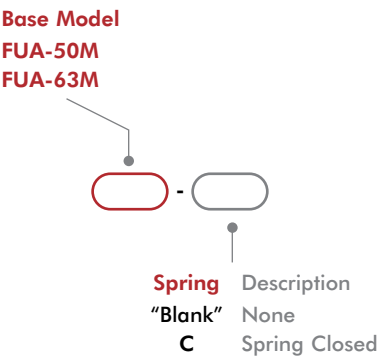
- Designed for direct product contact in the food zone, according to the food industry standard (EN 1672-2)
- All parts are corrosion resistant, non-toxic, non-contaminating, non-porous, non-absorbent and non-reactive
- Stainless steel design resists chemical cleaning procedures
- Electro-polished exterior with no recessed or inaccessible zones prevents retention of contaminants and simplifies cleaning
- Sealed motion components (IP69K design) for high-pressure and high-temperature daily cleanings
- Any metal/metal contact protected by gasket to obtain a leakproof assembly against bacteria
- Angular gripper design for easier radial sealing of jaws
- Optional safety springs for external gripping, in case of air supply failure, in single acting or spring assist mode
- No external fasteners to avoid any foreign matter in food
- Contains special lubricants suitable for food industry
- Long maintenance-free service life



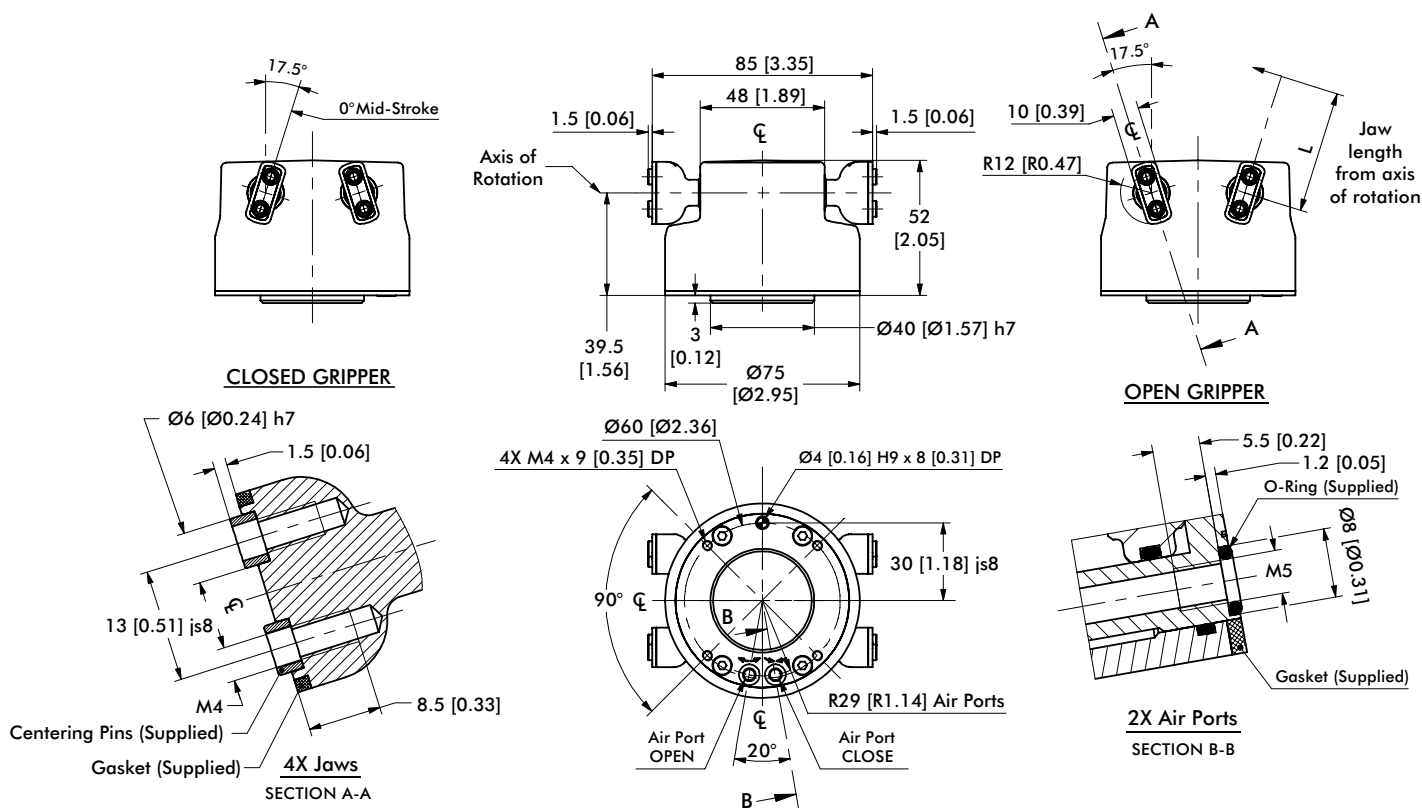
Applications:

- Food zone and splash zone handling of product
- Non-food zone applications
- Other applications requiring a sealed and corrosion resistant gripper

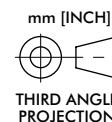
How To Order



Angular Food Grippers | Dimensions and Technical Specifications

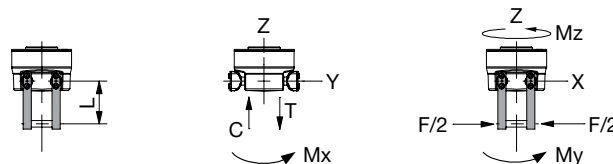
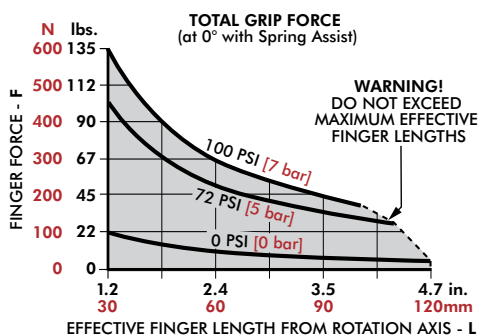


Specifications	Units	FUA-50M
Torque, Jaws @ 6 bar [87 psi]		
@ 35° w/o spring (closing)	Nm [in-lbs]	13 [115]
@ 35° w/spring (closing)	Nm [in-lbs]	16 [142]
@ 0° w/o spring (opening)	Nm [in-lbs]	14 [124]
Total Stroke		70°
Weight (Stainless Steel)	kg [lbs]	1,06 [2.34]
Pressure Range	bar [psi]	3-7 [44-100]
Ingress Protection Class (IP)		IP69K
Displacement	cm ³ [in ³]	30,2 [1.84]
Temperature Range	°C [°F]	-15°~80° [5°~175°]
Actuation (open/close)	sec	0.07 / 0.07



Seal Repair Kits	Order #
Flat Seals Repair Kit (Jaw and Body)	SLKT-424
Complete Seal Repair Kit (includes Flat Seals)	SLKT-425
Rear and Body Seal Repair Kit (Include Air Port O-Rings)	SLKT-428

Loading Information

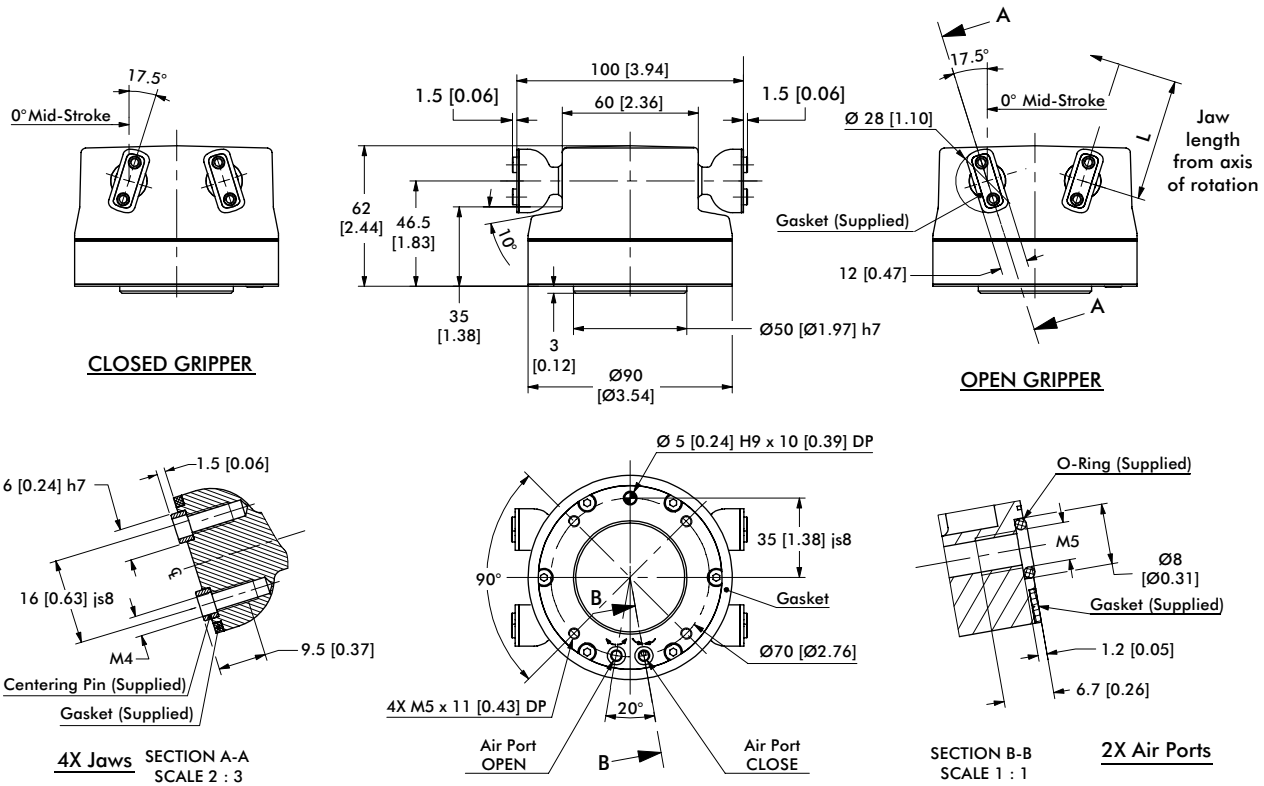


RUA-162M	Static	Dynamic
Maximum Tensile T	305 N [69 lbs]	61 N [14 lbs]
Maximum Compressive C	305 N [69 lbs]	61 N [14 lbs]
Maximum Moment M_x	21 Nm [186 in-lbs]	5,3 Nm [47 lbs]
Maximum Moment M_y	--	--
Maximum Moment M_z	21 Nm [186 in-lbs]	5,3 Nm [47 lbs]

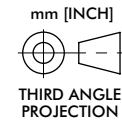
*Capacities are per set of jaws and are not simultaneous

FUA-63M

Angular Food Grippers | Dimensions and Technical Specifications

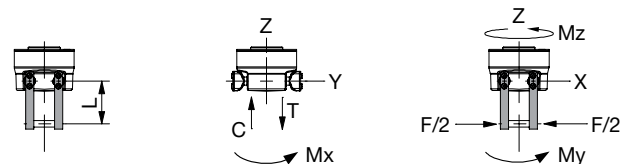
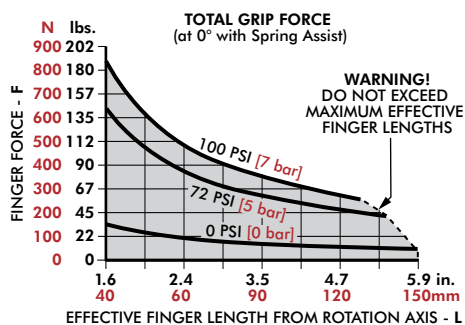


Specifications	Units	FUA-63M
Torque, Jaws @ 6 bar [87 psi]		
@ 35° w/o spring (closing)	Nm [in-lbs]	23 [204]
@ 35° w/spring (closing)	Nm [in-lbs]	29 [257]
@ 0° w/o spring (opening)	Nm [in-lbs]	25 [221]
Total Stroke		70°
Weight (Stainless Steel)	kg [lbs]	1.75 [8.27]
Pressure Range	bar [psi]	3-7 [44-100]
Ingress Protection Class (IP)		IP69K
Displacement	cm³ [in³]	53,8 [3.30]
Temperature Range	°C [°F]	-15°~80° [5°~175°]
Actuation (open/close)	sec	0.08 / 0.08



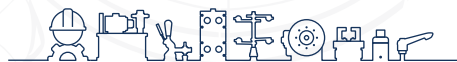
Seal Repair Kits	Order #
Flat Seals Repair Kit (Jaw and Body)	SLKT-426
Complete Seal Repair Kit (includes Flat Seals)	SLKT-427
Rear and Body Seal Repair Kit (Include Air Port O-Rings)	SLKT-429

Loading Information



RUA-162M	Static	Dynamic
Maximum Tensile T	360 N [81 lbs]	72 N [16 lbs]
Maximum Compressive C	360 N [81 lbs]	72 N [16 lbs]
Maximum Moment M_x	33 Nm [292 in-lbs]	8,3 Nm [73 in-lbs]
Maximum Moment M_y	--	--
Maximum Moment M_z	33 Nm [292 in-lbs]	8,3 Nm [73 in-lbs]

¹Capacities are per set of jaws and are not simultaneous



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