

Angular Grippers - Food Handling Gripper Series

FEATURES & BENEFITS:

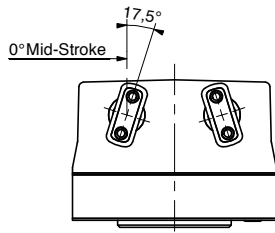
- Designed for direct product contact in the food zone, according to the food industry standard (EN 1672-2)
- All parts are corrosion resistant, non-toxic, non-contaminating, non-porous, non-absorbent and non-reactive
- Stainless steel design resists chemical cleaning procedures
- Optional body made of High Performance Polymer, conform to FDA, for a significantly lighter weight
- 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 security 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:

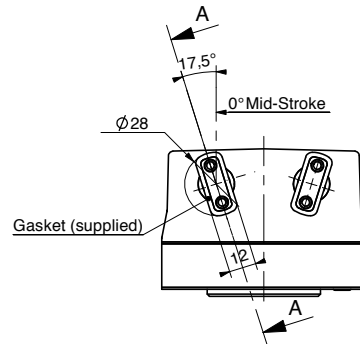
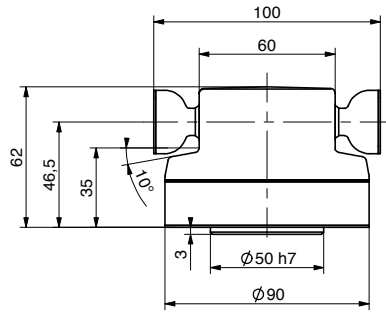
- Food zone and splash zone handling of product
- Non-food zone applications
- Other applications requiring a sealed and corrosion resistant gripper



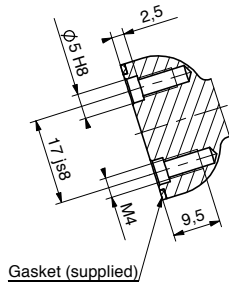
Shown with Optional
Finger Attachment Kit



CLOSED GRIPPER

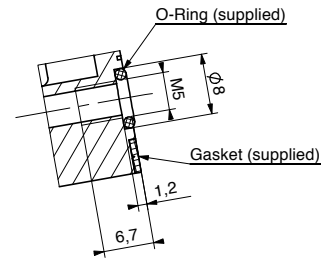
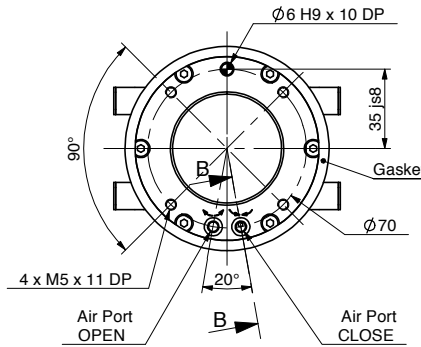


OPEN GRIPPER



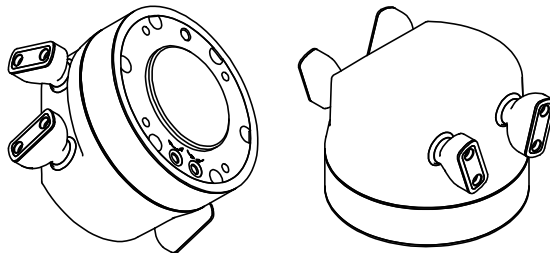
4 x Jaws

SECTION A-A
SCALE 2 : 3



SECTION B-B
SCALE 1 : 1

2 x Air ports



Other Sizes Planned
Patent Pending

Specifications

FUA-63M

Torque, Jaws @ 0° (mid-stroke)	
6 bar with springs	32 Nm
0 bar with springs	9 Nm
Total Stroke	70°
Weight	
Stainless Steel	1.7 Kg
Polymer	0.8 Kg
Pressure Range (without springs)	2-7 bar
Pressure Range (with springs)	3.5-7 bar
Cylinder Bore Ø	63 mm
Displacement	54 cm³
Temperature Range	-15~80° C

UNLESS OTHERWISE NOTED ALL TOLERANCES ARE AS SHOWN BELOW

Dimensions are symmetrical about centerline	Third Angle Projection	All Dowel Holes are SF (Slip Fit). Locational Tolerance ±.0005" or ±.013mm	Metric Threads Course Pitch	Imperial in. 0.00 ± .01 0.000 ± .005 0.0000 ± .0005	Metric [mm] [0.1] = [±.25] [0.0] = [±.13] [0.00] = [±.013]
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How to Order: (Order Accessories separately from Basic Model)

BASIC MODEL **MATERIAL**
FUA-63M - LI - C
SPRING

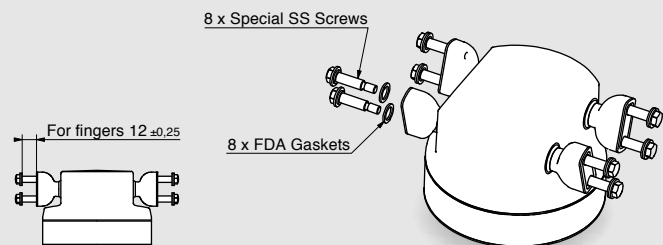
- MATERIAL LI** Body made of High Performance Polymer
Leave Blank. Stainless Steel (Standard)
- SPRING C** Closed
Leave Blank. No Spring Option (Standard)

ACCESSORIES

Fingers Attachment Kit
(includes 8 x SS Screws & Gaskets)

ORDER #

KVMFUA63 1



SAMPLE ORDER: FUA-63M-LI-C

Ex: FUA-63M Food Gripper, Polymer Body, Spring Closed