

## OnRobot Soft Gripper Actuator for Cobots



The OnRobot Soft Gripper is able to pick a wide array of irregular shapes and delicate items, making it **ideal for pick-and-place applications**, as well as manufacturing or packaging.

The gripper is available with three interchangeable silicon-molded cups. The Soft Gripper operates without an external air supply, for no additional costs or complexity.

Quick# 8280

OR-103456

**PRICE: \$3,971.<sup>00</sup>**

\* Actuator price only. Modules sold separately.

Pricing effective 7/1/2022. Check website for current pricing.

Try It Risk Free!

\*Contact us for details



### Features:

- Actuator base weight: 0.77kg / 1.69lbs
- Actuator base dimensions: 84mm x 98mm.
- Smart lock tool mechanism and quick changer base included.
- Maximum payload of 2.2 kg depends on shape, softness, and friction of items to be handled, and grip dimensions range from 11mm to 118mm, depending on cup used.
- IP 67 Classification.
- Silicone is FDA 21 CFR 177.2600\* & EC 1935/2004 approved.
- Integrated software.
- Automatic tool center point (TCP) calculation, depth compensation, and payload calculation for UR.

Technical Specs	
Total spindle stroke	11–40mm
Spindle force	380N
Spindle speed	37mm/s (1.46in/s)
Maximum rated payload	Dependant on end effector (see next page)
Gripping time*	32 grip/min
Weight	77g (1.69 lb)
Power supply	20V – 25V
Current consumption	45mA – 600mA
Operating temperature	32° – 122°F

\* Gripping time is tool depended.





## OnRobot Soft Gripper Actuator for Cobots



**Gripper Modules for Soft Gripper Actuator**

Quick#	Part#	Description	Max Payload*	Gripping Range	Price
8281	OR-103689	Soft	4.85 / 3.3 lb (2.2 / 1.5 kg)	11–75mm	\$945.00

\* Test object: 3D-printed ABS cylinder Ø65mm. Payload depends on shape, softness, and friction of the product.



**Gripper Modules for Soft Gripper Actuator**

Quick#	Part#	Description	Max Payload*	Gripping Range	Price
8282	OR-103860	Extra Soft	4.85 / 3.3 lb (2.2 / 1.5 kg)	11–75mm	\$945.00

\* Test object: 3D-printed ABS cylinder Ø65mm. Payload depends on shape, softness, and friction of the product.



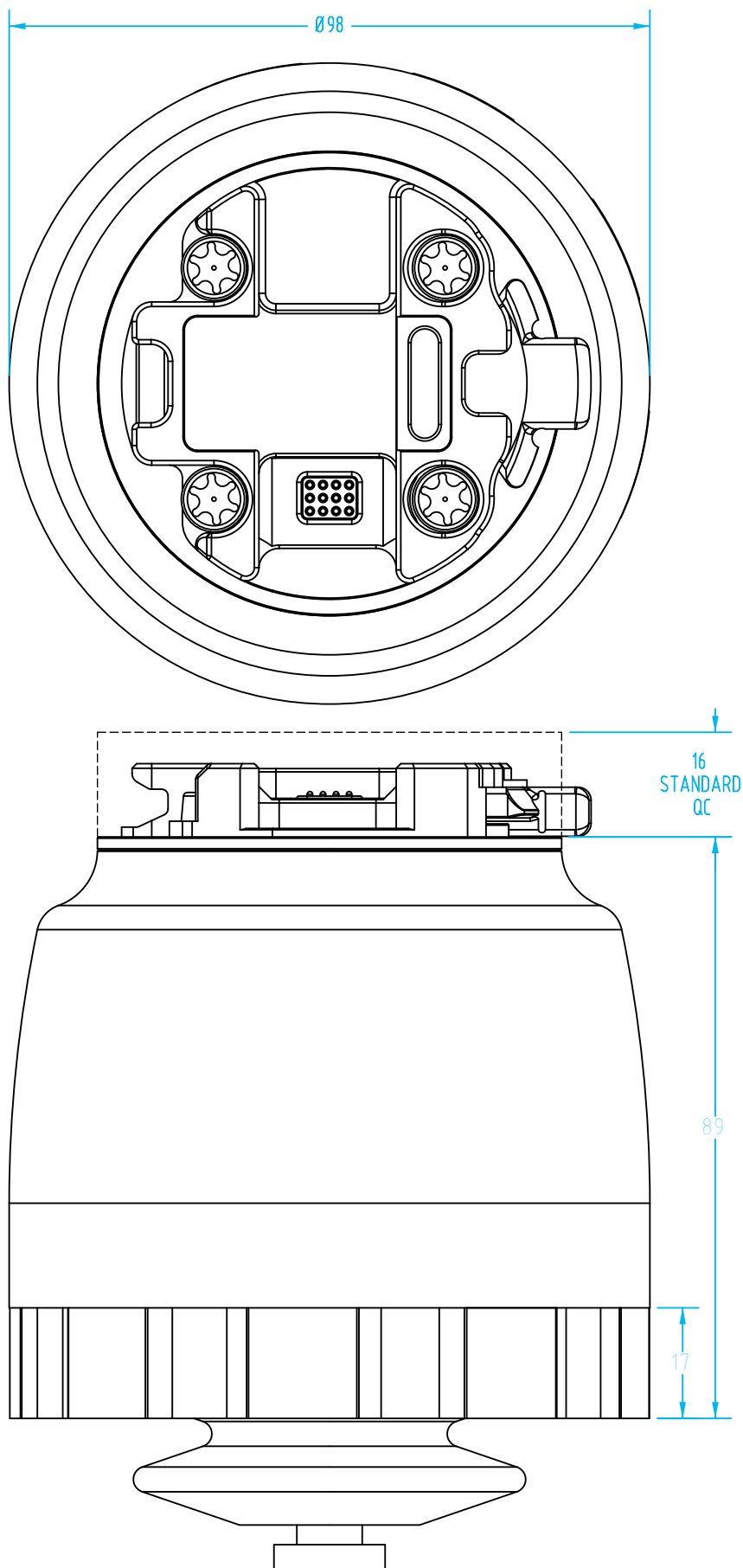
**Gripper Modules for Soft Gripper Actuator**

Quick#	Part#	Description	Max Payload*	Gripping Range	Price
8283	OR-103691	Claw	2.42 lb (1.1 kg)	24–118mm	\$945.00

\* Test object: 3D-printed ABS cylinder Ø65mm. Payload depends on shape, softness, and friction of the product.

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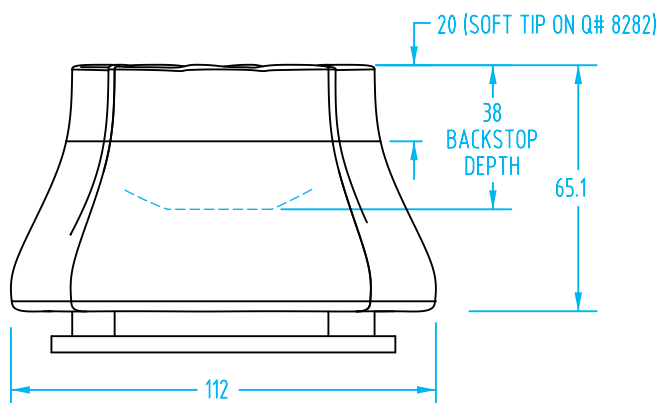
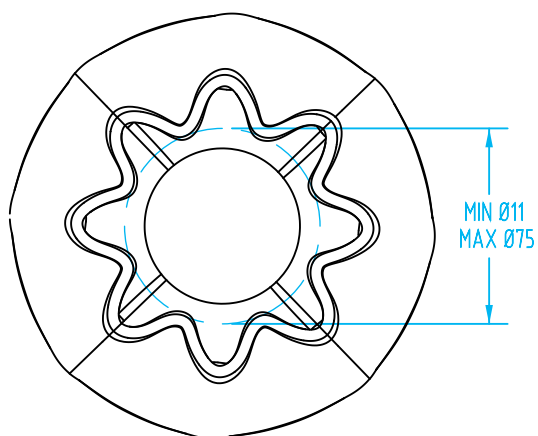
(Dimensioned drawings shown full scale)





## OnRobot Soft Gripper Actuator for Cobots

(Dimensioned drawings shown at 50% scale)



**Need to handle delicate plastic parts?**

**Try a Soft Gripper from EMI!**

