

## **SERIES CGSY** **RADIAL GRIPPERS** **OPENING ANGLE 180°**



### **Efficient grip in reduced spaces**

Camozzi Series CGSY Gripper is designed to guarantee consistent performance every time, even across a wide range of applications that demand the highest levels of productivity. The 180° opening angle enables operation within restricted workspaces, while at the same time optimizing product handling. This makes it particularly suited to applications such as blowing PET bottles as well as filling applications for the food and chemicals industries. Its design and the materials used assure accurate operation even in harsh environments contaminated with dust or vapour and in applications where frequent washdown is usual.

### **BENEFITS**

- High speed opening and closing
- High gripping force
- Precision and position repeatability
- Reliability
- Protection against impurities at the inlet

### **SECTORS**



**Bottling**



**Food & beverage**



**Plastics & rubber**



**Assembly**

## General Data

Type of construction	Radial gripper
Type of operation	Double-acting
Sizes	10, 16, 20, 25
Force transmission	Cam system
Closing torque at 6 bar	50 -790 Ncm
Opening/closing angle	2x90°
Air connections	M5
Operating pressure	2 ÷ 8 bar
Operating temperature	5°C ÷ 60°C (standard)
Store temperature	-10°C ÷ 80°C
Maximum use frequency	3 Hz
Repeatability	0.05°
Medium	Filtered air in class 7.4.4 according to ISO 8573-1. In case lubricated air is used, we recommend ISOVG32 oil and to never interrupt lubrication.
Compatibility	RoHS Directive
Certifications	ATEX (II 2GD c IIC 120°C(T4)-20°C≤Ta≤80)
Materials	PTFE, Silicone and Copper free
Compatible magnetic proximity switches	Series CSD

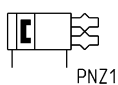
NB: Pressurize the pneumatic system gradually in order to avoid uncontrolled movements.

## Coding example

<b>CGSY</b>	-	<b>16</b>	<b>EX</b>
<b>CGSY</b>	SERIES	PNEUMATIC SYMBOL PNZ1	
<b>16</b>	SIZE: 10 = ø 10 mm 16 = ø 16 mm 20 = ø 20 mm 25 = ø 25 mm		
<b>EX</b>	Add EX to order the certified ATEX version		

## Pneumatic symbol

The pneumatic symbol indicated in the CODING EXAMPLE is shown below.



## Contacts

**Camozzi Automation S.p.A.**  
Società Unipersonale  
Via Eritrea, 20/1  
25126 Brescia  
Italy  
Tel. +39 030 37921

**Customer Service**  
Tel. +39 030 3792790  
service@camozzi.com

**Export Department**  
Tel. +39 030 3792262  
sales@camozzi.com