

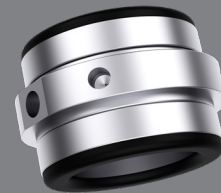
Pneumatic Rubber Air Grippers

BLQ-E

BLQ-E is a rubber gripper featuring an inflatable rubber bladder construction that allows each model to manipulate a great number of shapes.

Advantages

- Multiple part sizes handled with one gripper, due to its capability to grip around an object that is 40% of its deflated diameter.
- Delicate handling by controlling the amount of pressure within the bladder.
- Soft and secure touch even with heavy loads thanks to the distribution of the holding force over a large surface area.
- Non-marring contact due to the soft touch of rubber and air, especially suitable for glass and plastic objects.
- Wide size range, handling objects with outer diameter from 5 to 45mm.
- No lubrication required.
- Long life even in dusty environments due to lack of seals or bearings.



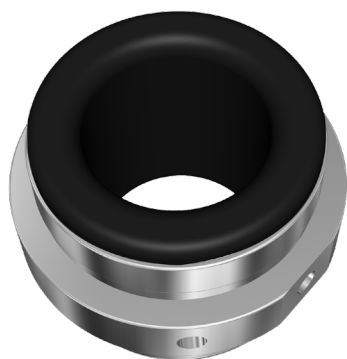
SPECIFICATIONS

Model	Applicable Work Diameter		Recommended Load Weight	Max Restricted Pressure	Max Unrestricted Pressure	Working Temperature	Load Capability**	Lubrication	Rubber Section Material	Weight
	min	max								
BLQ 5-15 E	5.00 mm	15.00 mm	1.40 kg	1.5 bar	0.75 bar	0 / 50 °C	1.8-5.0 kg	NOT ALLOWED	Neoprene	60 g
	0.20 inch	0.59 inch	3.10 lbs	20 psi	10 psi	32 / 122 °F	4.0-11.0 lbs			2 oz
BLQ 10-25 E	10.00 mm	25.00 mm	3.80 kg	1.5 bar	0.75 bar	0 / 50 °C	4.1-12.3 kg	NOT ALLOWED	Neoprene	145 g
	0.39 inch	0.98 inch	8.38 lbs	20 psi	10 psi	32 / 122 °F	9.0-27.0 lbs			5 oz
BLQ 15-35 E	15.00 mm	35.00 mm	9.00 kg	1.5 bar	0.75 bar	0 / 50 °C	9.1-16.3 kg	NOT ALLOWED	Neoprene	210 g
	0.59 inch	1.38 inch	19.84 lbs	20 psi	10 psi	32 / 122 °F	20.0-36.0 lbs			7.5 oz
BLQ20-45 E	20.00 mm	45.00 mm	9.00 kg	1.5 bar	0.75 bar	0 / 50 °C	9.1-22.7 kg	NOT ALLOWED	Neoprene	285 g
	0.79 inch	1.77 inch	19.84 lbs	20 psi	10 psi	32 / 122 °F	20.0-50.0 lbs			10 oz
BLQ 5-15 ES	5.00 mm	15.00 mm	1.40 kg	1 bar	0.75 bar	0 / 50 °C	1.4-3.8 kg	NOT ALLOWED	Silicone	60 g
	0.20 inch	0.59 inch	3.10 lbs	15 psi	10 psi	32 / 122 °F	3.0-8.3 lbs			2 oz
BLQ 10-25 ES	10.00 mm	25.00 mm	3.00 kg	1 bar	0.75 bar	0 / 50 °C	3.0-9.2 kg	NOT ALLOWED	Silicone	130 g
	0.39 inch	0.98 inch	6.61 lbs	15 psi	10 psi	32 / 122 °F	6.8-20.3 lbs			4.5 oz
BLQ 15-35 ES	15.00 mm	35.00 mm	7.00 kg	1 bar	0.75 bar	0 / 50 °C	6.8-12.2 kg	NOT ALLOWED	Silicone	210 g
	0.59 inch	1.38 inch	15.43 lbs	15 psi	10 psi	32 / 122 °F	15.0-27.0 lbs			7.5 oz
BLQ 20-45 ES	20.00 mm	45.00 mm	7.00 kg	1 bar	0.75 bar	0 / 50 °C	6.8-17.0 kg	NOT ALLOWED	Silicone	260 g
	0.79 inch	1.77 inch	15.43 lbs	15 psi	10 psi	32 / 122 °F	15.0-37.5 lbs			9 oz

* End-effector must be inflated unrestricted at the maximum recommended working pressure for 30 cycles.

**Load capability evaluated with working diameter range at max allowed pressure.

OPEN/CLOSED DIAGRAM



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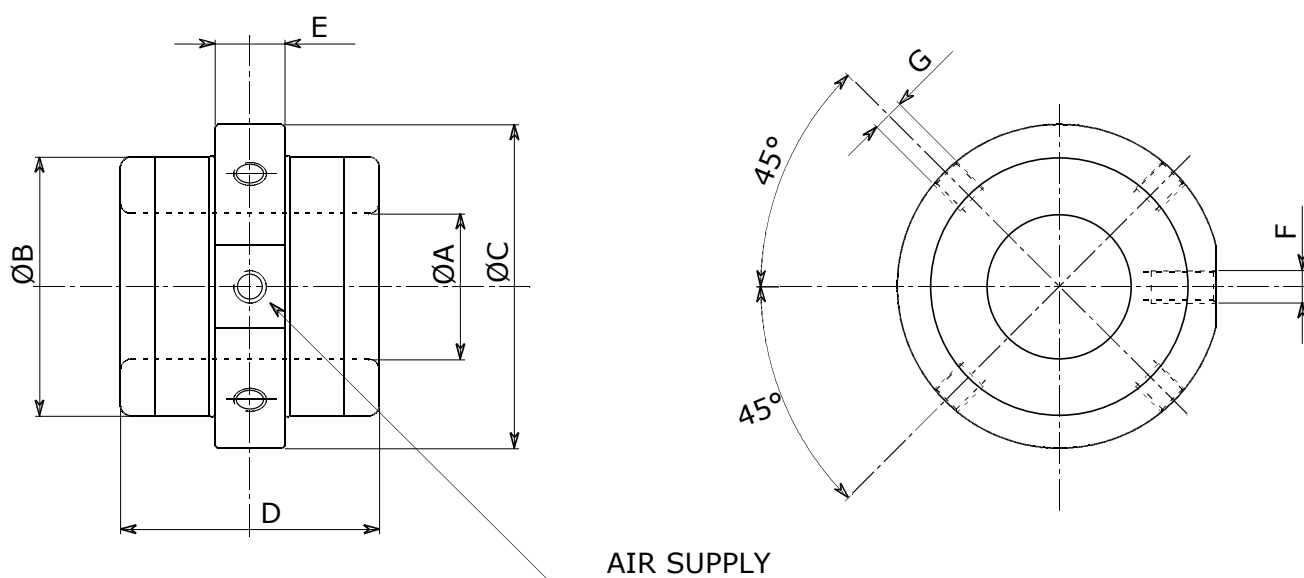
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PRODUCT INFORMATION



03.25_Rev.05



	Ø A	Ø B	Ø C	D	E	F	G
BLQ 5-15 E	19 (0.75)	33 (1.30)	40 (1.57)	36 (1.42)	10 (0.39)	M5	M5
BLQ 10-25 E	27 (1.06)	48 (1.89)	60 (2.36)	48 (1.89)	13 (0.51)	M6	M6
BLQ 15-35 E	37 (1.46)	58 (2.28)	70 (2.76)	52 (2.05)	14 (0.55)	M6	M6
BLQ 20-45 E	48 (1.89)	69 (2.72)	80 (3.15)	56 (2.20)	15 (0.59)	Rc 1/8	M8

* Dimensions are in millimeters (inches).

** All dimensions are descriptive and subject to variation for technical upgrading.
We reserve the right to make variations without prior notification



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