

Parker Product Datasheet



This range of metal quick exhaust valves is offered in nickel-plated brass, aluminium and stainless steel. These valves, suitable for any environment, increase the return speed of the cylinder rod by allowing the exhaust to pass directly to atmosphere.

PART NUMBER: 7899 00 10

DIAMETER NOMINAL (DN): 7

CONNECTION 1 THREAD SIZE (METRIC): G1/8

CONNECTION 1 THREAD STYLE: BSPP

SHAPE: Straight stainless steel quick exhaust valve female

BODY MATERIAL: STAINLESS STEEL 316L

PRODUCT OVERVIEW

This range of metal quick exhaust valves is offered in nickel-plated brass, aluminium and stainless steel.

These valves, which are suitable for any environment, increase the return speed of the cylinder rod by allowing the exhaust to pass directly to atmosphere.

Features/Benefits:

- Time Saving & Compact

- Reduction in cycle times: return speed improved
- Dimensions optimised for space reduction
- Exhaust silencer incorporated on some models

- Excellent exhaust capacity
- Robust

- Nickel-Plated Brass or Stainless Steel

- Ideal for applications in restrictive environments
- Orientation as required
- Many installation options and choice of silencer
- Designed without retention areas to optimise frequent cleaning operations (stainless steel)

- Aluminium

- Protection of individuals through low noise emissions
- Lightweight and robust
- Silencer integrated for greater compactness

Markets:

- Factory Automation
- Wearing Apparel
- Semiconductor
- Packaging

Application:

- Increases the Return Speed of Pneumatic Cylinders

Product Types:

- Elbow Quick Exhaust Valve, Female BSPP and Metric Thread
- Elbow Quick Exhaust Valve, Male BSPT/Female BSPP Thread
- Quick Exhaust Valve, Female BSPP Thread

Technical Characteristics:

- Fluids: Compressed air
- Materials: nickel-plated brass, anodised aluminium, stainless steel, polyurethane elastomer, FKM, polyurethane, silicone free

- Pressure:

Model 7970: 0.7 to 10 bar

Models 7971 and 7899: 2 to 10 bar

- Temperature:

Model 7970: -20°C to +70°C

Model 7971: -10°C to +70°C

Model 7899: -10°C to +180°C

Regulations:

- DI: 2002/95/EC (RoHS)

- RG: 1907/2006 (REACH)

- DI: 97/23/EC (PED)

Technologies:

- Function fitting

- Quick exhaust valve

- Pneumatic systems

TECH SPECIFICATIONS

MEDIA

Compressed air

APPLICATION

Plastics Engineering

APPLICATION

Packaging

SPECIFICATIONS MET

DI: 2002/95/EC (RoHS), RG: 1907/2006 (REACH), DI: 97/23/EC (PED)

**MAXIMUM OPERATING
TEMPERATURE**

80 °C

APPLICATION

Textile

APPLICATION

Pneumatics

QUANTITY PER BOX

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APPLICATION

Printing

APPLICATION

Conveyors

APPLICATION	Robotics
WEIGHT	0.097 kg
MINIMUM OPERATING TEMPERATURE	-10 °C
MAXIMUM OPERATING PRESSURE	10 barg
DIVISION	Low Pressure Connectors Europe Division