

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: 7970 34 34

SHAPE: Elbow quick exhaust valve female

BODY MATERIAL: NICKEL PLATED BRASS

DIAMETER NOMINAL (DN): na

CONNECTION 1 THREAD SIZE (METRIC): G1

CONNECTION 1 THREAD STYLE: BSPP

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

**MAXIMUM OPERATING
TEMPERATURE**

70 °C

DIVISION

Low Pressure Connectors Europe Division

MAXIMUM OPERATING PRESSURE

10 barg

**MINIMUM OPERATING
TEMPERATURE**

-10 °C

SPECIFICATIONS MET

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

MEDIA

Compressed air

APPLICATION

Robotics, Conveyors, Textile, Plastics Engineering,
Printing, Pneumatics, Packaging

WEIGHT

0.531 kg

QUANTITY PER BOX

1