1/2" Quick Exhaust Valve

QE1500



Image for illustration only

Description

The QE1500 is a 1/2" quick exhaust valve that releases cylinder air straight to atmosphere at the cylinder, instead of back through the control valve. Fitted to the cylinder port, it lets the cylinder return faster without a larger directional valve, and back pressure clears in the shortest possible time. All three ports are G1/2 female: P from the directional valve, A to the cylinder and O to exhaust. It suits working pressures from 1.2 to 10 bar.

Features

- Fast cylinder returns: exhausts air directly at the cylinder
- Unrestricted exhaust path, so back pressure clears quickly
- Raises cylinder speed without upsizing the control valve
- Three G1/2 female ports: P, A and O
- Reversing time ≤ 0.05 s
- Rated for 2 million cycles minimum
- Compact body, fits directly to a cylinder port with a suitable connector

Applications

- Pneumatic cylinders needing faster return strokes
- Long or large-bore cylinders fed from small directional valves
- Pneumatic circuits where exhaust capacity limits cycle time

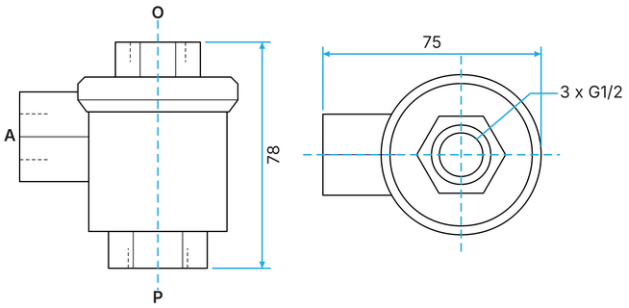
Specifications

Ultramax Product Code	QE1500
Valve Type	Quick exhaust valve
Port Size	G1/2 female (P, A and O)
Nominal Diameter (mm)	15
Working Pressure	0.12 to 1.0 MPa (1.2 to 10 bar)
Reversing Time (s)	≤ 0.05
Durability	2 million cycles minimum
Port P	From directional valve
Port A	To cylinder
Port O	Exhaust (silencer)

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Technical Drawing



Dimensions in mm

Height H (mm)	78
Length L (mm)	75
Thread T	G1/2

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