Heating & Air Conditioning Control for commercial vehicles & coaches

Motor drives for flaps and valves

Motorised valves

Water strainers

Engineering GREAT Solutions
Contents

04 Commercial vehicles
IMI Buschjost valves for heating, ventilation and air conditioning applications (HVAC)

06 Heating and air conditioning with IMI Buschjost valves

Innovation, products and service
IMI Precision Engineering is a world-leader in fluid and motion control. Building close, collaborative relationships with our customers, we gain a deep understanding of their engineering needs and then mobilise our resources and expertise to deliver distinctive products and solutions.

Wherever precision, speed and engineering reliability are essential, our global footprint, problem-solving capability and portfolio of high performance products enables us to deliver GREAT solutions which help customers tackle the world’s most demanding engineering challenges.

> **Reliability**
  We deliver and support our high quality products through our global service network.

> **High performance products**
  Calling on a world-class portfolio of fluid and motion control products including IMI Norgren, IMI Buschjost, IMI FAS, IMI Herion and IMI Maxseal. We can supply these singly, or combined in powerful customised solutions to improve performance and productivity.

> **Partnership & Problem Solving**
  We get closer to our customers to understand their exact challenges.
Commercial vehicles
IMI Buschjost valves for heating, ventilation and air conditioning applications (HVAC)

Our IMI Buschjost motorised valves have been used for heating, ventilation and air conditioning applications for over 25 years.

- Precise control system
- Low power consumption
- Ceramic disc with special flow characteristic
- Debris tolerant
- Compact design
- High temperature applications
- Wide temperature range
- IP6K9K
- Light / robust PA* valves
* polyamide (nylon)
Heating and air conditioning control

- Precise positioning
- 2-Way motorised valves
- Optional integrated manual override
- Long service life
Heating and air conditioning with IMI Buschjost valves

**Motor drive for flap actuation**
- Max. force: 40 Ncm
- Long service life
- Exact position response
- High protection code: IP6K9K
- High temperature range
- Robust and high performance gear mechanism

**Strainer with open/close integrated manual operation**
- High pressure range up to 4 bar
- Hose connection 28 mm
- Flow: 15m³/hour
- Net width: 0.35 mm
- PA* 66
- Fluid and ambient temperature: -30 °C up to +110 °C
- Filter cartridge exchangeable without water leakage
* polyamide (nylon)
**Motorised valve**
> A proportional valve with excellent control characteristics
> No power consumption once Set Point is reached
> Low power consumption
> Handles good levels of media contaminants
> No switching noises
> Compact design, small dimensions
> Using robust ceramic discs

**Pressure reduction valve**
> Reduces system pressure to max. 2.5 bar
> Avoids overpressure and pressure peaks
> High flow rate
> Compact design, low weight

**Motorised ball valve**
> Diameter: DN 32
> Hose connection: 38 mm / 28 mm
> Kv-value: 14
> Proportional valve
> High Flow
> Hose connection is suitable for pressure peaks
IMI Precision Engineering operates four global centres of technical excellence and a sales and service network in 75 countries, as well as manufacturing capability in the USA, Germany, China, UK, Switzerland, Czech Republic, Mexico and Brazil.

For information on all IMI Precision Engineering companies visit www.imi-precision.com

Supported by distributors worldwide.

Norgren, Buschjost, FAS, Herion and Maxseal are registered trademarks of IMI Precision Engineering companies.

Due to our policy of continuous development, IMI Precision Engineering reserve the right to change specifications without prior notice.

z8338BR en/11/16

Selected Images used under license from Shutterstock.com