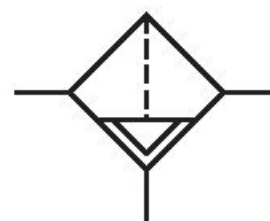


Filter, Series 645

8645ABBK2JA000Q

General series information Series 645

- The Series 645 Railway Regulators are used to regulate the pressure on railway applications such as control brakes, horns, pantographs, and sanding systems to increase wheel-to-rail friction in poor weather conditions. They are available in four versions, including high and low flow, in ported or subbase mounted configurations. The units meet railway regulations for Fire Safety (EN 45545: HL3), Shock & Vibration (EN 61373: Cat 1 Class B), and Corrosion Resistance (ISO 9227). These robust, high flow products are available with up to 10 bar (145 PSI) output pressure and three different adjustment methods including screw, t-handle, or lockable knob.



Technical data

Industry
Industrial

Parts
Filter

Port
1/4 NPT

Filter porosity
5 μm

Nominal flow Q_n
1250 l/min

Condensate drain
Manual

Working pressure min.
0 bar

Working pressure max
16 bar

Min. ambient temperature
-40 °C

Max. ambient temperature
70 °C

Medium
Compressed air

Weight
0.34 kg

Material

Housing material
Aluminum

Seal material
Nitrile butadiene rubber

Material filter insert
Borosilicate glass fiber
Polyester

Material condensate drain
Stainless Steel
Part No.
8645ABBK2JA000Q

Technical information

Max. achievable compressed air class acc. to ISO 8573-1:2010 5 : 8 : 4 (5 µm filter porosity) und 6 : 8 : 4 (25µm filter porosity)

Other filter porosities on request.

Dimensions in mm (inch)

