

Technical drawing of an Air Dryer (432 420 066 0) showing various views and specifications.

Part Code Table:

PART CODE	MATERIAL	SURFACE PROTECTION
I	ALUMINIUM ALLOY	CHROMATED
II	STEEL	ZINC PLATED
III	STEEL	PAINTED
IV	PLASTIC	NO TREATMENT
V	BRASS	JED-570-656
VI	RUBBER	NO TREATMENT
VII	BRASS	NO TREATMENT

Technical Data:

- Thermal range of continuous application: -40°C...+65 °C
- Resistance to heat: max +80 °C
- Medium: COMPRESSED AIR
- Working pressure: p_g max +13 bar
- Max. permissible frequency: 50 Hz
- Max. permissible acceleration: ±10xg
- Safety valve - Solpape de securite - Valvola di sicurezza
- Dynamic pressure of the safety valve: 10⁺⁴₀ (By V_n = 100dm³ / min.) bar
- Combined unloader - Druckregler - Regulateur de press - Gruppo di regolazione
- Cut-out pressure: 8.1 ± 0.2 bar
- Operating range: 0.9^{+0.5}₀ bar
- Cut-in temperature: 7 ± 6 °C
- Cut-out temperature: 29.5 ± 3.0 °C

Dimensions and Mounting:

- Overall dimensions: 136 (width), 310 (height), 65 (base width), 95.5 (top width), 73 (bottom width), 110 (height to top), 120 (height to bottom).
- Mounting height: 165 ± 2.5
- Mounting holes: 4/23 CLOSED
- Mounting height: 49
- Mounting height: 30
- Mounting height: 165 ± 2.5
- Mounting height: 49

Assembly and Identification:

- Assembly: 432 920 000 2 (1), 432 901 223 2 (1), ASP CARTRIDGE, M=15₀ Nm
- Torque: 50.5 ± 2.5 Nm
- Torque: 10 ± 1 Nm
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Port Function Table:

PORT	ANSCHLUSS	FUNCTION	THREAD
1	ANSCHLUSS	FROM THE COMPRESSOR	OUTER THREAD
21	ANSCHLUSS	TO THE RESERVOIR	M22x1.5 <C>
22	ANSCHLUSS	TO RESERVOIR FOR REGENERATION AIR	M16x1.5 <C>
3	ANSCHLUSS	EXHAUST FOR COMPRESSED AIR	SILENCER
4/23	ANSCHLUSS	CONTROL PORT / TO COMPRESSOR	M12x1.5
5	ANSCHLUSS	TYRE INFLATION DEVICE	M16x1.5
6	ANSCHLUSS	HEATER	M27x1

Electrical Diagram:

Diagram showing the electrical connections for the heater (5) and the control port (4/23).

General Specifications:

- General Specifications: ISO 8406, JED-334-1, Size ISO 14405 LP
- Further Technical Data/Product Specification: 432 420 066 0
- General Tolerances: JED-261
- Range of nominal dimensions in mm: 50, 180, 400, 400
- Class: 11, 50, 180, 400, 400
- Medium: X, 50, 180, 400, 400
- Control: 50, 180, 400, 400
- Material: 432 420 066 0
- Material: 432 420 066 0
- Material: 432 420 066 0
- Material: 432 420 066 0

Notes:

- 1. Installation position as drawn
- Einbaulage wie gezeichnet
- Position d'installation suivant dessin
- Posizione di montaggio come disegnato