

Technical drawing of a WABCO Air Dryer (432 410 020 2) showing various views and dimensions.

Part Code: 432 410 020 2
Material: ALUMINIUM ALLOY
Surface Protection: CHROMATED

Dimensions:

- Overall width: 136 mm
- Overall height: 246 mm
- Mounting height: 30 mm
- Base width: 60 mm
- Base height: 76 mm
- Port 1 diameter: 18 mm
- Port 21 diameter: 18 mm
- Port 22 diameter: 18 mm
- Port 4 diameter: 18 mm
- Port 3 diameter: 18 mm

Technical Data:

Parameter	Value
Thermal range of continuous application	-40°C... +65°C
Resistance to heat	+80°C MAX.
Medium: compressed air	
Working pressure	Pe MAX. = 13 bar
Max. permissible frequency	50 Hz
Max. permissible acceleration	± 10 g

Installation Position: AS DRAWN

Combined Unloader: DRUCKREGLER, REGULÉUR DE PRESSION, GRUPPO DI REGOLAZIONE

Operating Range: 0.7 ^{+0.5}/₋₀ bar

Dynamic Pressure of Safety Valve: 14.5 (BEI $\dot{V}_n = 100 \text{ dm}^3/\text{min}$)

Torques for Connections:

- M12x1.5: Mmax = 21 Nm
- M22x1.5: Mmax = 53 Nm
- M22x1.5 IN EXHAUST (3): Mmax. = 6 Nm

Port Function Table:

Port	Function	Thread
1	FROM THE COMPRESSOR	M22x1.5 JED-152
21	TO THE RESERVOIRS	M22x1.5 JED-152
22	TO RESERVOIR FOR REGENERATION AIR	M12x1.5 JED-152
4	TO COMPRESSOR	M12x1.5 JED-152
3	EXHAUST FOR COMPRESSED AIR	M22x1.5

Adjustment Marked with Paint: EINSTELLUNG MIT LACK, GEKENNZEICHNET, AJUSTAGE MARQUE AVEC VERNIS, REGOLAZIONE MARCATO CON VERNICE

PORT ANSCHLUSS ORIFIZIO	FUNCTION FUNCTION FUNZIONE	THREAD GEWINDE FILETTATURA
1	FROM THE COMPRESSOR VOM KOMPRESSOR PROVENANT DU COMPRESSEUR PROVENIENTE DEL COMPRESSORE	M22x1,5 JED-152
21	TO THE RESERVOIRS ZU DEN LUFTBEHALTERN AUX RESERVOIR AL SERBATOII PER	M22x1,5 JED-152
22	TO RESERVOIR FOR REGENERATION AIR ZUM REGENERATIONS-LUFTBEHALTER AU RESERVOIR D'AIR DE REGENERATION AL SERBATOII PER L'ARIA RIGENERATA	M12x1,5 JED-152
4	TO COMPRESSOR ZUM KOMPRESSOR AU COMPRESSEUR AL COMPRESSORE	M12x1,5 JED-152
3	EXHAUST FOR COMPRESSED AIR ENTLUEFTUNG FLIEß BRUCKLIFT ECHAPPEMENT POUR AIR COMPRI ME SCARIO PER ARIA COMPRESSA	M22x1,5

[illegible]