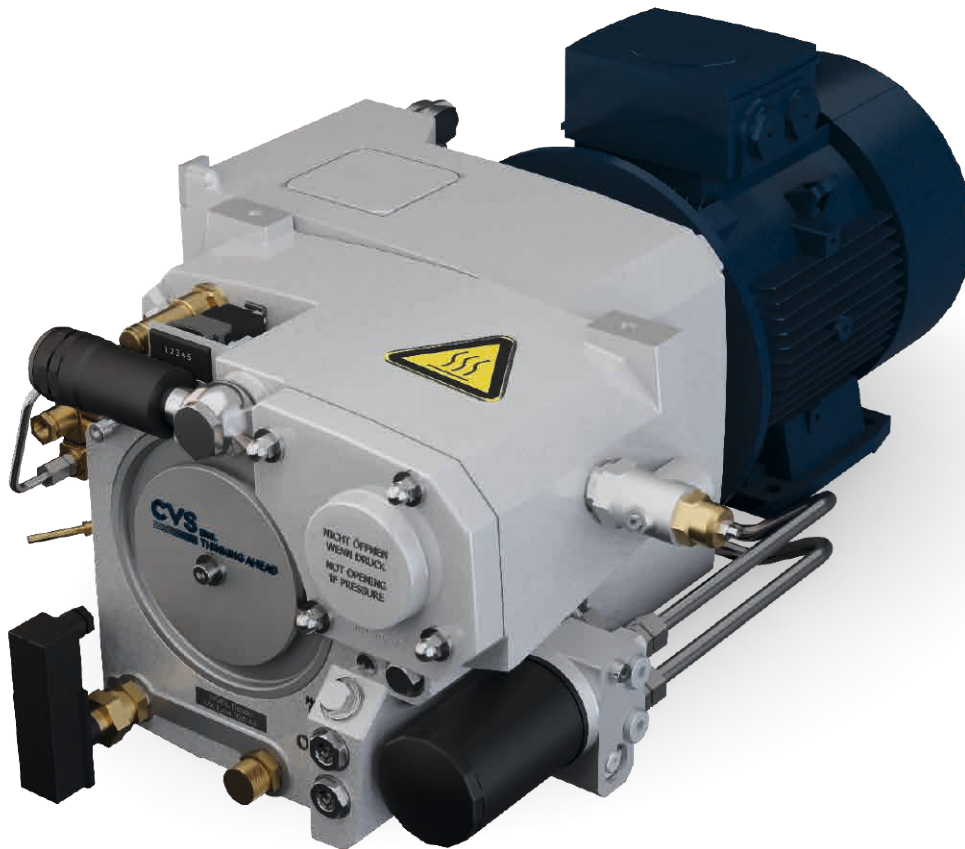


Data sheet

Compressors for
public transport



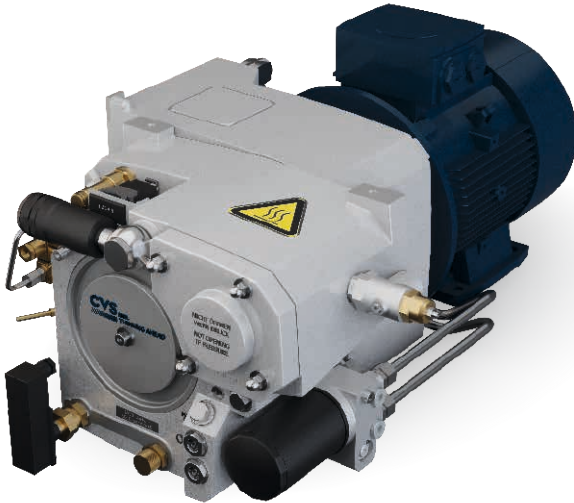
RPO

Compressors for
road and rail vehicles

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RPO

Compressors

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RPO
Railway compressors

- Low installation height
- Low weight
- All maintenance can be done from one side only
- Easy maintenance
- Long maintenance intervals
- Low LCC
- Low exit temperature of compressed air
- Low vibrations and noise emission
- All parts are integrated in the machine

RPO

Compressed-air systems



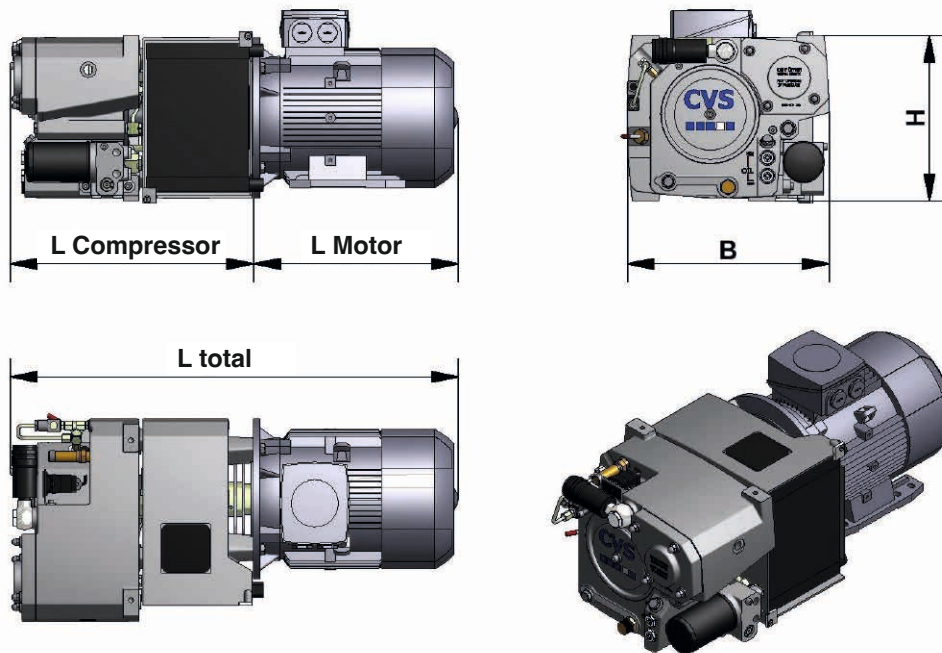
■ Compressed-air systems consist of:

- Compressor
- Driving motor
- Frame
- Air treatment
- Compressor-management (optional)
- Cover (optional)

■ Features

- Low installation height
- Simple and easy to handle installation, with just one maintenance side
- Long maintenance intervals
- Low sound level
- Low total weight
- High operational availability
- Designed for continuous operation
- High adaption to the installation conditions through individual mounting at roof or below-floor
- Standard and custom designs
- Several operating modes possible

■ Dimensions



■ Technical data

Type / technical data		RPO 200	RPO 300	RPO 400	RPO 600	RPO 800
L Total	mm	803.5	803.5	797	842	949
L Compressor	mm	468	468	468	457	564
L Motor	mm	335.5	333.5	329	385	385
W	mm	391	391	391	391	391
H	mm	310	310	310	310	310
Intake volume flow¹⁾	l/min	180	260	380	550	770
Power requirement at shaft¹⁾	kw	2.2 (2.4)	2.8 (3.2)	3.8 (4.2)	5.2 (5.7)	7.2 (8.0)
Rated motor power¹⁾	kw	2.2 (3)	3 (4)	4 (5.5)	5.5 (7.5)	7.5 (11.0)
Max. operating pressure²⁾	bar	10 (12)	10 (12)	10 (12)	10 (12)	10 (12)
Speed¹⁾	1/min	1420	1420	1440	1455	1455
Speed range	1/min	900 – 1900				
Sound pressure level³⁾	dB (A)	60	61	63	63	64
Oil capacity	l	2.4	2.4	2.4	2.6	3
Weight without motor and oil	kg	58	58	57	55	67

1) At discharge pressure 10 bar g

2) At discharge pressure > 10 bar only in connection with load – no-load controller

3) Sound pressure level according DIN 45635, n = 1500 1/min, drive with 3-phase motor, at 7 m distance

Technical subject to alteration