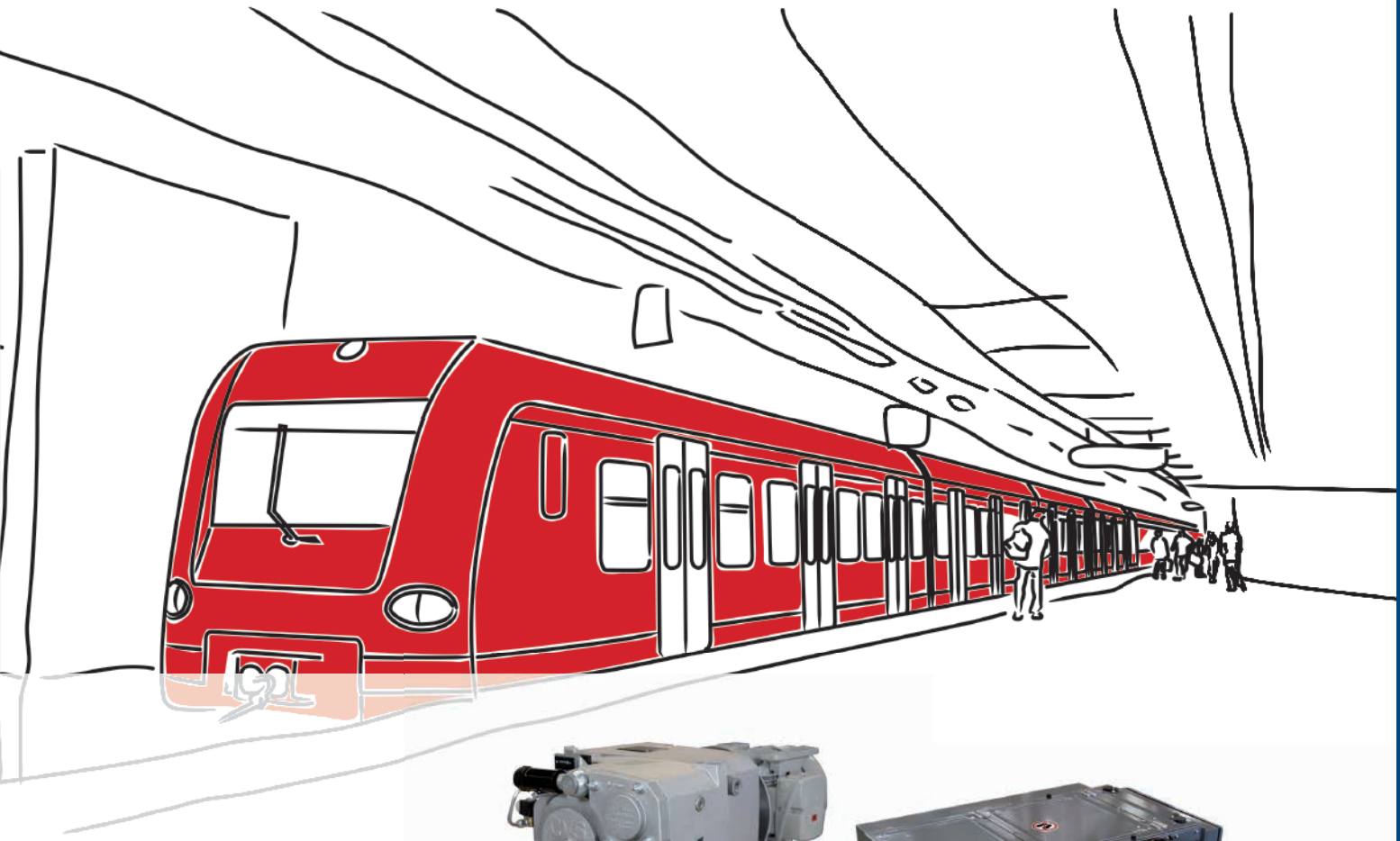
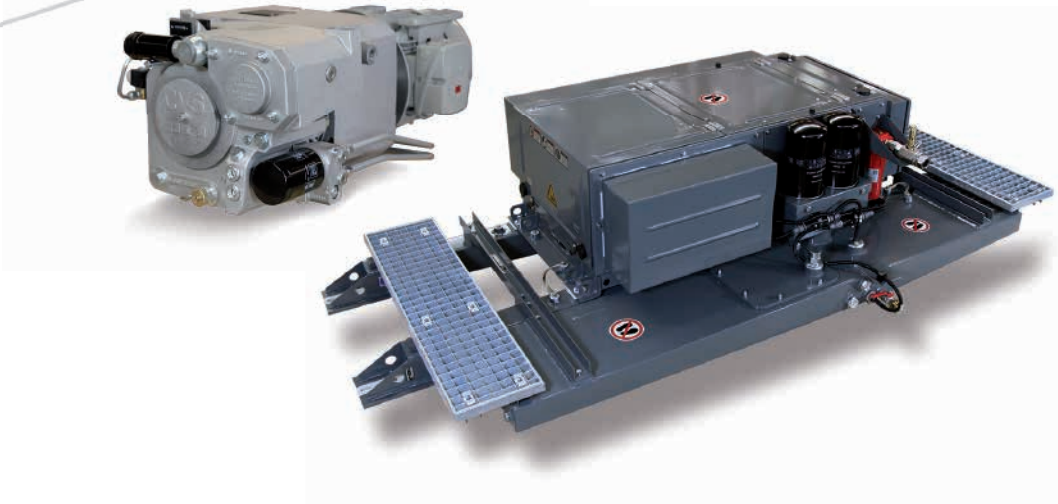
CVS ENGINEERING





COMPRESSORS AND COMPRESSED-AIR SYSTEMS

Max. operating time, and low maintenance

WHAT MAKES CVS-COMPRESSORS SO SPECIAL?

Proven compressors and individually adjusted complete solutions
The low vibration and low noise CVS compressors and compressed-air systems ensure high operation times at minimum maintenance effort.

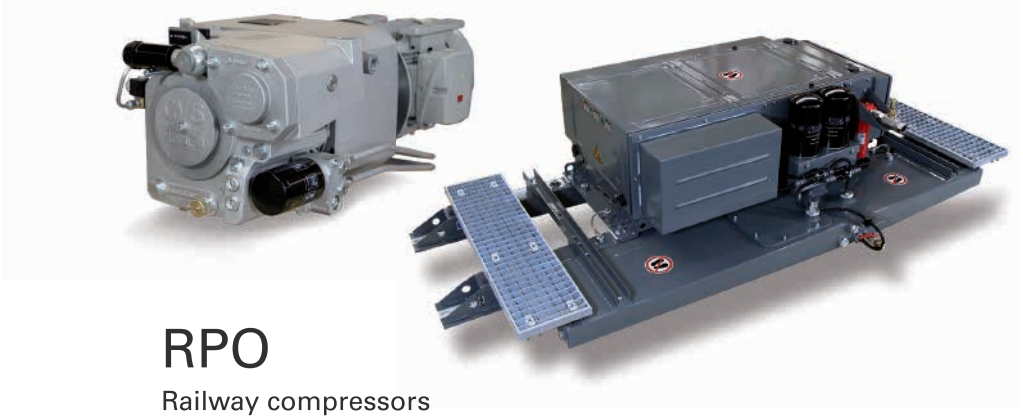
The ideal solution
We develop our products in very close cooperation with our customers. That ensures the optimum solution for your application.

Competent contact person
Many years of experience is the fundament of our competent advice.

In-House-Solution
CVS provides the complete range – from the first layout over engineering, calculation, production and mounting up to the test run – all is consolidated. So we can respond with short delivery times to your ambitious schedules.

Low life-cycle cost
Our products are optimized for maintenance and conceived for the rough operation on smallest space. That ensures high availability at minimum maintenance time for your customer.

COMPRESSORS AND COMPRESSED-AIR SYSTEMS



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

Compressed-air systems

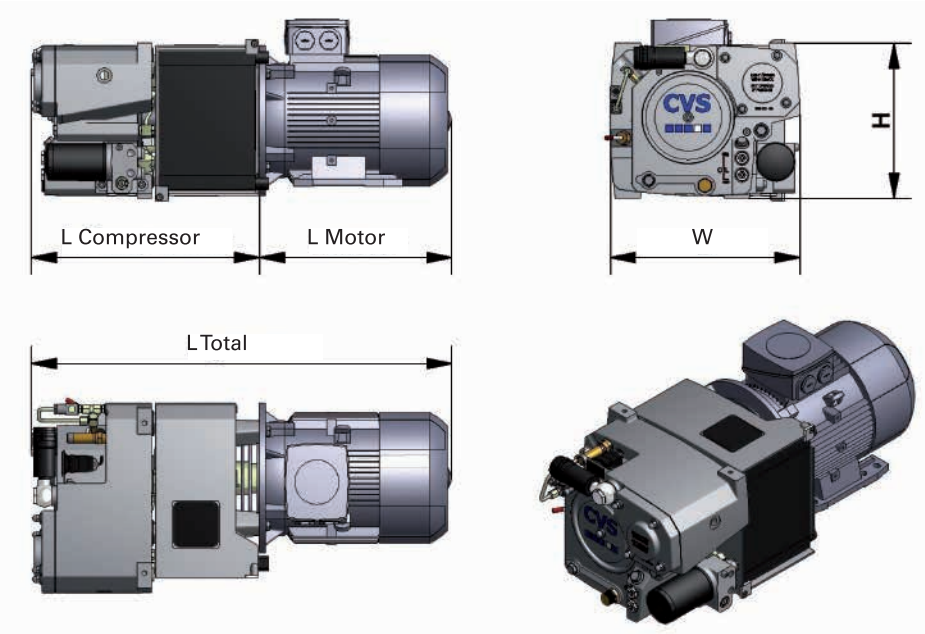
Compressed-air systems consist of:

- 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

TECHNICAL DATA / MOUNTING EXAMPLES



Type	Unit	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	335.5	329	385	385
W	mm	391	391	391	391	391
H	mm	310	310	310	310	310
Technical data	**Unit**	**RPO 200**	**RPO 300**	**RPO 400**	**RPO 600**	**RPO 800**
Intake volume flow [1]	l/min	180	260	380	550	770
Power requirement at shaft [1]	kW	2.2 (2.4)	2.8 (3.2)	3.8 (4.2)	5.2 (5.7)	7.2 (8.0)
Rated motor power [1]	kW	2.2 (3)	3 (4)	4 (5.5)	5.5 (7.5)	7.5 (11.0)
Max. operating pressure [2]	bar	10 (12)	10 (12)	10 (12)	10 (12)	10 (12)
Speed [1]	1/min	1420	1420	1440	1455	1455
Speed range	1/min	850-2200				850-2000
Sound pressure level [3]	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

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