



### Application examples with possible placement of compressor models

	< 3,5t	3,5t - 7 t	7t - 12t	> 12t
Trailer air brake system	–	B-160 / B-304WR	B-304WR / E-Bull-300	E-Bull-300
Air brake system	B-061E	B-160 / B-304WR	B-304WR / E-Bull-300	E-Bull-300
Air suspension	–	B-160 / B-304WR	B-304WR / E-Bull-300	E-Bull-300
Air assisted SCR exhaust treatment	–	–	D-100	D-100
Pneumatically operated doors	D-040 / D-061 / D-100			

### Technical data

Type	Delivery rate at 5 bar (l/min)	Nominal pressure PN (bar)	Noise level at PN (dB (A))	Motor ratings				Protection class (IP)	Dimensions LxWxH (mm)	Weight (kg)
				Wattage rating P1 (kW)	Rated current (A)	Nominal voltage (V)	Frequency (Hz)			
D-030	8	7	61	0,19	15,5	12	–	IP00	209x108x156	4,4
D-030	8	7	61	0,12	6,4	24	–	IP00	209x108x156	4,4
D-040	19	7	61	0,19	17,5	12	–	IP00	242x121x175	5,9
D-040	19	7	61	0,19	9,0	24	–	IP00	242x121x175	5,9
D-061	35	7	69	0,50	21,0	24	–	IP54	247x132x188	6,9
D-080	55	7	70	0,65	56,0	12	–	IP54	300x154x218	13,0
D-100	63	8	68	0,59	49,0	12	–	IP54	368x176x292	20,5
D-100	65	8	68	0,63	26,0	24	–	IP54	368x176x292	20,5
DG-160	100	7	72	0,91	38,0	24	–	IP54	366x276x190	17,0
B-160	124	10	72	1,40	3,1	400	50	IP54	425x350x285	25,9
B-304WR	248	10	77	2,50	4,4	400	50	IP67	604x351x278	58,5
E-Bull-300	345	10	72	3,30	6,8	400	50	IP67	475x496x286	45,0

For applications which require special motor versions, voltages or configurations, please contact us.  
Optional power inverters are available. Noise level measurement has been carried out at a distance of 1 meter.

Dürr Technik ■ Quality  
■ Made in  
■ Germany



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Oil-free compressors  
for roadway applications



# Electrically driven oil-free compressors

## Why motor-driven compressors?

A reliable and robust compressed air supply is indispensable for heavy vehicles. Conventional configurations have compressors mechanically coupled with the vehicle engine. New and more efficient drivetrains have a different configuration and make use of electric motor-driven compressors.

### This has decisive advantages:

- low energy consumption as the compressor runs on demand
- environmentally friendly
- compressor runs independent of the vehicle engine, allowing for flexibility in mounting positions

## Why Dürer Technik?

- long-standing experience; Dürer Technik has been a specialist in oil-free piston compressors for the past 50 years
- experienced team of engineers
- comprehensive product portfolio from aggregates to customized system solutions
- certified quality
- made in Germany
- reliability, durability, efficiency



## Dürer Technik compressors are ideal for automotive applications:

### Oil-free

- no oil-level checks, no oil vapor in the air, no oil changes, no oil filter nor oil separator
- nearly maintenance-free
- very low lifecycle costs

### Excellent driving comfort

- low noise level
- low vibration thanks to vibration dampers

### Small and compact dimensions

- ideal for installation with limited space

### Durable

- ability to run continuously – suitable for S1 - 100% duty cycle
- not affected by environmental conditions like temperature or external vibrations

### Motor

- high protection class – up to IP67
- suitable for variable-speed operation
- high-efficiency motor – up to IE3

