stomdevice

DK50 PLUS

Oil-free, one-cylinder compressor with a standard efficiency of 70 l.min^{-1} at 6 bar, designed as a universal source of compressed air for industrial applications, laboratory equipment, sampling devices, robots and others.



DK50 PLUS - without noise reduction cabinet

DK50 PLUS/M - without noise reduction cabinet, with dryer

- With membrane dryer
- With adsorption dryer

DK50 PLUS S - with noise reduction cabinet

DK50 PLUS S/M - with noise reduction cabinet, with dryer

- With membrane dryer
- With adsorption dryer

Without dryer

	DK50 PLUS	DK50 PLUS S
Dryer	✘	✘
Noise reduction cabinet	✘	✔
Number of dental units	1	1
Nominal voltage / frequency	230 V / 50 (60) Hz 115 V / 60 Hz	230 V / 50 (60) Hz 115 V / 60 Hz
Motor performance	0.55 kW	0.55 kW
Air tank capacity	25 l	25 l
Compressor efficiency (working pressure 5 - 7 bar)	75 l.min^{-1} / 5 bar (50 Hz) 85 l.min^{-1} / 5 bar (60 Hz)	75 l.min^{-1} / 5 bar (50 Hz) 85 l.min^{-1} / 5 bar (60 Hz)
Compressor efficiency (working pressure 6 - 8 bar)	70 l.min^{-1} / 6 bar (50 Hz) 80 l.min^{-1} / 6 bar (60 Hz)	70 l.min^{-1} / 6 bar (50 Hz) 80 l.min^{-1} / 6 bar (60 Hz)
Compressor efficiency (working pressure 8 - 10 bar)	60 l.min^{-1} / 8 bar (50 Hz) 70 l.min^{-1} / 8 bar (60 Hz)	60 l.min^{-1} / 8 bar (50 Hz) 70 l.min^{-1} / 8 bar (60 Hz)

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	DK50 PLUS	DK50 PLUS S
Duty cycle	S1 - 100 %	S1 - 100 %
Noise level	≤ 66 dB (A) (50 Hz) ≤ 68 dB (A) (60 Hz)	≤ 47 dB (A) (50 Hz) ≤ 50 dB (A) (60 Hz)
Weight	48 kg	87 kg
Dimensions	460 x 500 x 710 mm	560 x 675 x 880 mm

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With membrane dryer

	DK50 PLUS/M	DK50 PLUS S/M
Dryer	✔(MD)	✔(MD)
Noise reduction cabinet	✘	✔
Number of dental units	1	1
Nominal voltage / frequency	230 V / 50 (60) Hz 115 V / 60 Hz	230 V / 50 (60) Hz 115 V / 60 Hz
Motor performance	0.55 kW	0.55 kW
Air tank capacity	25 l	25 l
Compressor efficiency (working pressure 5 - 7 bar)	58 $l.min^{-1}$ / 5 bar (50 Hz) 68 $l.min^{-1}$ / 5 bar (60 Hz)	58 $l.min^{-1}$ / 5 bar (50 Hz) 68 $l.min^{-1}$ / 5 bar (60 Hz)
Compressor efficiency (working pressure 6 - 8 bar)	60 $l.min^{-1}$ / 6 bar (50 Hz) 70 $l.min^{-1}$ / 6 bar (60 Hz)	60 $l.min^{-1}$ / 6 bar (50 Hz) 70 $l.min^{-1}$ / 6 bar (60 Hz)
Compressor efficiency (working pressure 8 - 10 bar)	50 $l.min^{-1}$ / 8 bar (50 Hz) 60 $l.min^{-1}$ / 8 bar (60 Hz)	50 $l.min^{-1}$ / 8 bar (50 Hz) 60 $l.min^{-1}$ / 8 bar (60 Hz)
Duty cycle	S1 - 100 %	S1 - 100 %
Degree of air drying (pressure dew point PDP)	+3 °C at 7 bar +3 °C at 9 bar	+3 °C at 7 bar +3 °C at 9 bar
Noise level	≤ 66 dB (A) (50 Hz) ≤ 68 dB (A) (60 Hz)	≤ 47 dB (A) (50 Hz) ≤ 50 dB (A) (60 Hz)
Weight	53 kg	92 kg
Dimensions	460 x 565 x 710 mm	560 x 675 x 880 mm

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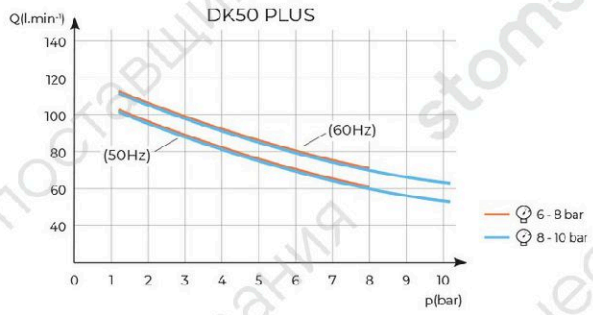
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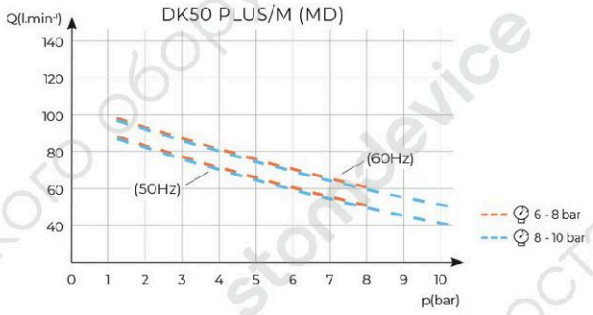
With adsorption dryer

	DK50 PLUS/M	DK50 PLUS S/M
Dryer	✔(ADS)	✔(ADS)
Noise reduction cabinet	✘	✔
Nominal voltage / frequency	230 V / 50 (60) Hz	230 V / 50 (60) Hz
Motor performance	0.55 kW	0.55 kW
Air tank capacity	25 l	25 l
Compressor efficiency (working pressure 6 - 8 bar)	70 $l.min^{-1}$ / 6 bar (50 Hz) 80 $l.min^{-1}$ / 6 bar (60 Hz)	70 $l.min^{-1}$ / 6 bar (50 Hz) 80 $l.min^{-1}$ / 6 bar (60 Hz)
Compressor efficiency (working pressure 8 - 10 bar)	60 $l.min^{-1}$ / 8 bar (50 Hz) 70 $l.min^{-1}$ / 8 bar (60 Hz)	60 $l.min^{-1}$ / 8 bar (50 Hz) 70 $l.min^{-1}$ / 8 bar (60 Hz)
Duty cycle	S3 - 70 %	S3 - 70 %
Degree of air drying (pressure dew point PDP)	-20 °C at 7 bar -20 °C at 9 bar	-20 °C at 7 bar -20 °C at 9 bar
Noise level	≤ 63 dB (A) (50 Hz) ≤ 65 dB (A) (60 Hz)	≤ 50 dB (A) (50 Hz) ≤ 51 dB (A) (60 Hz)
Weight	56 kg	95 kg
Dimensions	460 x 565 x 710 mm	560 x 690 x 875 mm

- Data on weight and dimension are for informational purposes only
- Technical modifications are subject to change

Diagrams

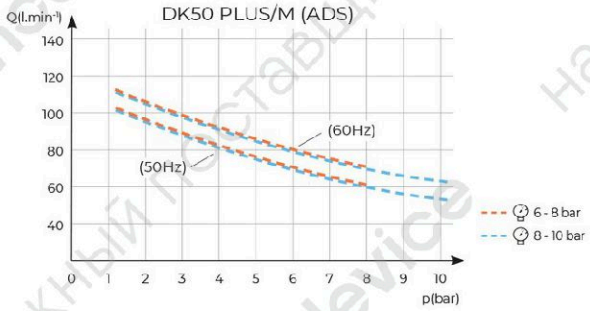




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Photogallery









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