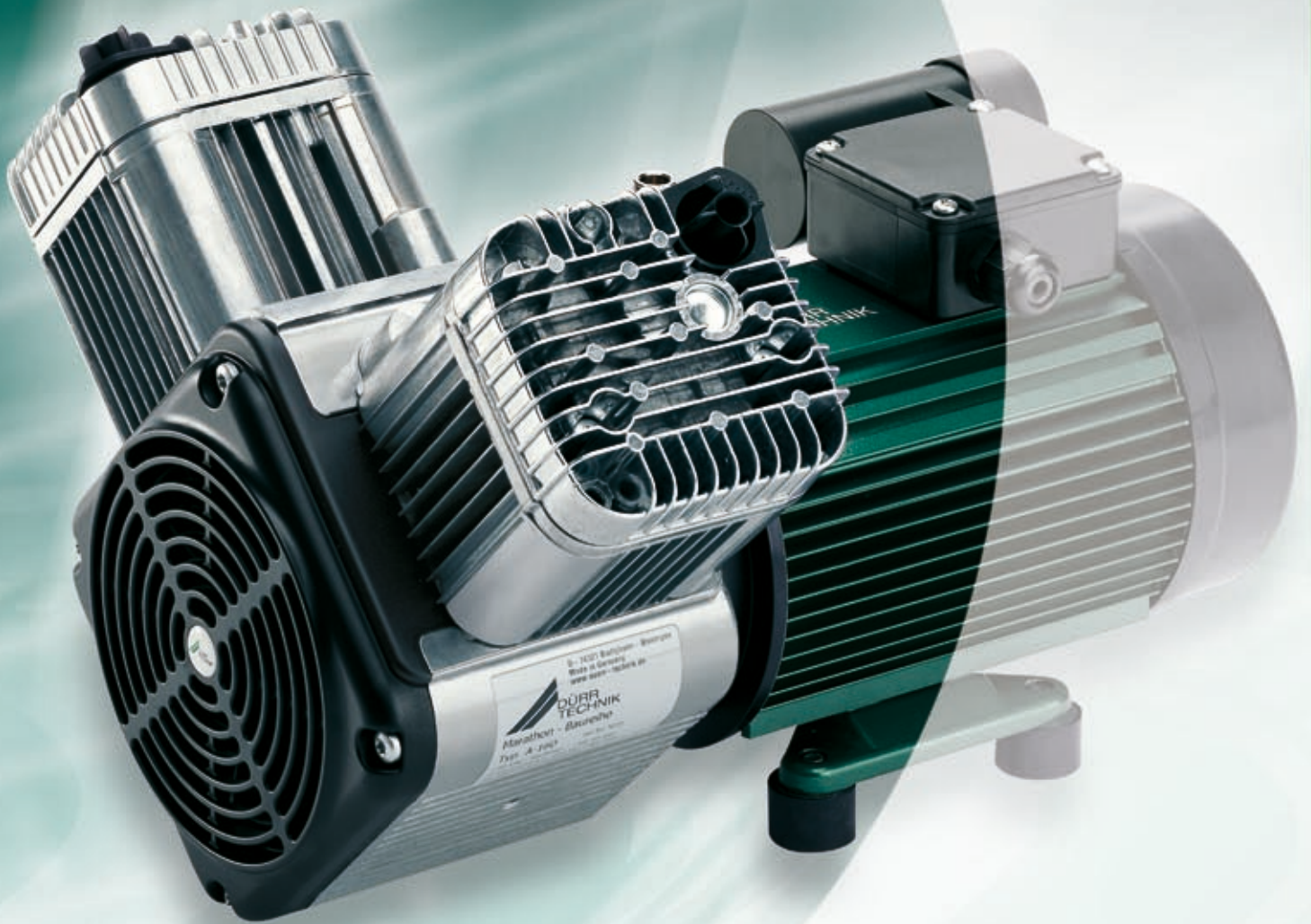


Oil-free Piston Compressors

Marathon Series



Unique Reliability

DÜRR TECHNIK presents a compressor generation whose construction ensures a constant delivery of oil-free and clean compressed air.

The remarkable construction of these compressors make them ideal – where high demands are made on output, reliability and long service life.

A COMPLETE PERFORMER

The high quality and engineering design delivers a compact, powerful and extremely quiet running piston compressor, especially adapted to the toughest non-stop service; thousands of operating hours of continuous running. A performance that will pay for itself in the long term.

OIL-FREE MEANS PROBLEM-FREE

Oil-free technology offers positive advantages. It makes expensive maintenance unnecessary, totally removing the problems that oil residue can cause to expensive valves and other components in a system.

THE ADVANTAGE IS IN THE DETAIL

Wear-resistant cylinders and cylinder heads are manufactured from a special aluminium alloy. The through-flow of air over the large surface of the longitudinal fins guarantees low temperatures. The precision-machined cylinder bore surface is made of a special brass alloy which remains durable and wear-free for years.

SPECIAL ALUMINIUM PISTON

Long durability, high seal of tolerance and quiet running are the main characteristics of the special piston.

INTEGRATED AIR CIRCULATION

The compressed air is fed through the cylinder into an internal space in the crankcase chamber. Through this integrated “starting chamber” no external pipelines are necessary. In addition, the pulsations in the compressed air are considerably reduced, and the start load is made substantially lower.

CONCENTRATED COOLING

The crankcase has a built-in fan which produces a high through-flow of cooling air. The result of this is the distinctive high continuous running ability. Constant operation is assured even at 40°C ambient temperature and 10 bar pressure.

FINEST FILTER TECHNIQUE

Finely filtered air (10 micron) is a prerequisite for really clean air. The intake filter cartridges are easily changed without any tools.

TAILORMADE SOLUTIONS

DÜRR TECHNIK manufactures bespoke systems, especially designed to meet customer requirements. Using our extensive knowledge of the vacuum and compressed air industry we can provide cost effective solutions.

OIL-FREE COMPRESSORS MARATHON SERIES

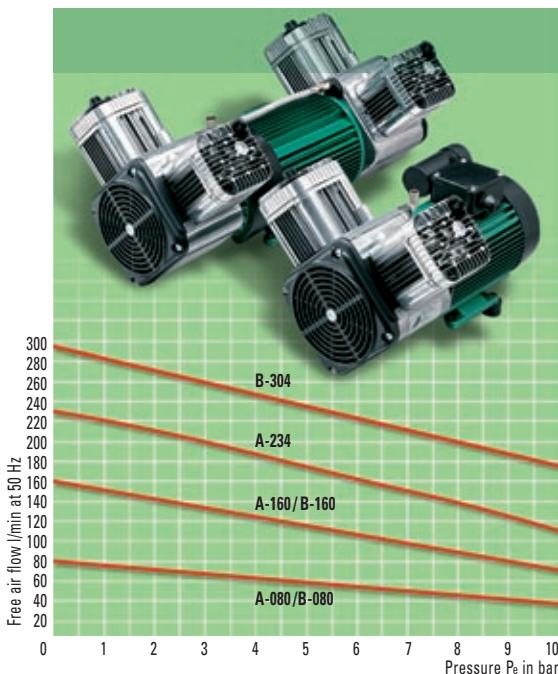
1. Extremely long running life
2. Maintenance free
3. Continuous running

A-080 A-234
B-080 B-304
A-160
B-160

Type	Free air flow at 0 bar (l/min)	Nominal pressure PN (bar)	Noise level at PN dB (A)	Protection class IP	Performance data of motor				Weight (kg)	Dimensions L x W x H (mm)
					Motor input P ₁ (W)	Current consumption (A)	Voltage (V)	Frequency (Hz)		
A-080	80/95*	10	68	54	800-980*	4,3/4,4 Δ4,4/3,0 ▽2,5/1,8	230/1~	50/60	24,5	423 x 193 x 300
B-080	80/95*	10	68	54	800-600*		230/400/3~	50/60	24,5	420 x 180 x 300
A-160	160/185*	10	72	54	1300-1600*	6,3/7,0	230/1~	50/60	26	423 x 350 x 300
B-160	160/185*	10	72	54	1400	Δ5,4/4,4 ▽3,1/2,5	230/400/3~	50/60	26	423 x 350 x 300
A-234	230	10	78	54	1900	8,6	230/1~	50	45,5	620 x 350 x 275
B-304	295/345*	10	77	54	2200-2950*	Δ7,6/8,3 ▽4,4/4,8	230/400/3~	50/60	47	620 x 350 x 275

There are special voltages available on request. Our products are in constant development and technical data may change. Please click on our home page for the latest information.

*Data at 60 Hz



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**DÜRR
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 QUALITY AIR SOLUTIONS