

BLE07 - BLE22

Rotary Screw Compressors



GD
GARDNER DENVER

Experience Proven Results

BLE-07 - BLE-22 Rotary Screw

High performance, high efficiency

The Gardner Denver BLE Series oil injected rotary screw compressors provide a range that combines high performance, low operating costs and reliability with ease of installation and servicing.

- Small footprint
- Real-time monitoring of operating parameters
- Integrated modular design
- Low maintenance costs
- Automatic belt tensioning
- Soundproof enclosure
- Low energy consumption
- Low operating temperatures

Compact, reliable & economical

Industries, both large and small, rely on Gardner Denver rotary screw compressors for a supply of constantly high quality compressed air.

Our screw compression elements are designed, developed and then manufactured in-house using the latest CNC rotor grinding technology, coupled with on-line laser measurement, in order to maintain precise manufacturing tolerances. The resulting reliability and performance ensure that operating costs will remain low throughout the compressor's life.

The new design of the high efficiency airend operates at low rotational speeds, and as a result lowers energy costs. The innovative integrated design, with oil separation, oil filter, thermostatic bypass valve, reduces the number of external hoses and components resulting in increased reliability.

Pre-packed with single connections for both power and compressed air and able to fit through standard doorways, the installation of these BLE Series compressors is simple.

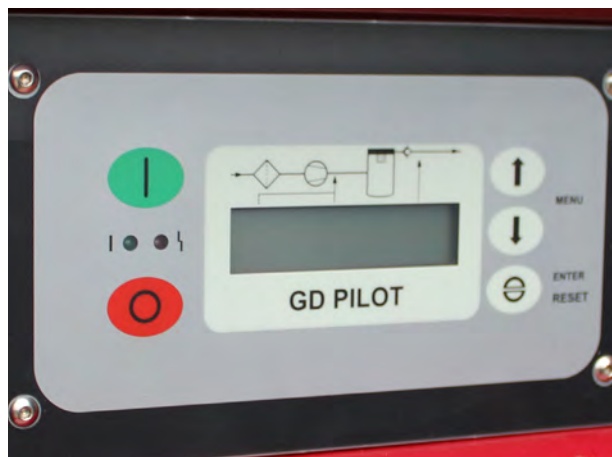
BLE07 – BLE22 compressors are air cooled and provide outputs from 0.69 to 3.65 m³/min at pressures between 7 and 13 bar g.



GD Pilot Control System

The “GD PILOT” control system ensures reliable operation and protects your investment by continuously monitoring the operational parameters. The “GD PILOT” controller also has the capability to have programmable inputs and outputs, control additional equipment as well as providing the following features with a clear readable text.

- Discharge/line pressure display
- Air/Oil temperature display
- Total hours run and loaded hours
- Service due indicator
- Enhanced fault log monitor
- Real time clock
- Timer controlled stop/start
- Remote stop start
- Auto restart on power failure
- Second pressure setting
- Status indication
- RS485 – Modbus RTU



Airstation - The complete packaged solution

Simple to Use - All components are perfectly matched and ready to “Plug and Play”.

Simple to Install - Ease and low cost installation.

High Quality Receiver - Receivers built in Australia to AS1210.

Minimum Footprint - By mounting the components on the receiver, the required floor space is reduced by 55 %.



Technical Specifications

Model	Motor Rating		Free Air Delivered m ³ /min			Dimensions (L x W x H) (mm)	Noise Level db (A)**	Weight (kg)
	(kW)	(hp)	7.5 bar g	10 bar g	13 bar g			
BLE-07	7.5	10	1.30	1.06	0.85	667 x 630 x 1050	68	205
BLE-11	11	15	1.82	1.61	1.32	667 x 630 x 1050	68	219
BLE-15	15	20	2.70	2.26	1.80	787 x 698 x 1202	69	335
BLE-18	18.5	25	3.25	2.74	2.34	787 x 698 x 1202	70	361
BLE-22	22	30	3.65	3.21	2.61	787 x 698 x 1202	70	367

*Measured and stated in accordance with ISO 1217 Annex C and Pneuop/Cagi PN2CPTC2 at the following conditions: Air Intake Pressure - 1 bar a (14.5 psi.a), Air Intake Temperature - 20°C (68°F), Humidity - 0% (dry), Cooling Water Inlet Temperature - 20°C (68°F), **+_3 dB(A) according to Pneuop/Cagi test code.



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