

# **Gardner Denver**

**HIGH PRESSURE SOLUTIONS**

**NEW**



## Belliss & Morcom **WH35** Oil Free Compressor

The WH35 is the latest in a line of innovative, high-pressure, oil free reciprocating compressors, specifically developed for the PET bottling industry. Offering food and beverage processors an oil free air solution with a compact footprint, the WH35 also offers an unrivalled low cost of ownership.

The three-stage compressor utilises a high-efficiency unique water-cooled “shaftless” motor suitable for use with variable drives, making it one of the most power efficient PET compressors available today.

**Smarter compressor technology from Gardner Denver.**



Smarter Compressor Technology

[www.gdhighpressure.com](http://www.gdhighpressure.com)

## Belliss & Morcom WH35 Oil Free Compressor

The Belliss & Morcom WH range of compressors offers higher volumes of oil free air utilising energy efficient equipment and components. The double acting design provides greater flexibility in capacity control and lower power consumption.

Our unique design includes a three step capacity control with the piston compressing air at the top & bottom of the pistons. This type of capacity control allows our customers to save energy and money.

Our inclined cylinder arrangement optimises balance and extends component life, reducing maintenance costs and minimising floorspace.

### Performance summary

- 1.680 to 3.200 m<sup>3</sup>/hour at 40 barg
- 280 to 550 kW direct zero drive loss 'shaftless' motor
- 100% oil free air up to ISO 8573-1 class 0
- Water-cooled
- 3 stages
- Capacity control – 0%/50%/100%
- Variable speed capacity range from 30 - 100%
- Fully balanced operation

		PET Compressor	Belliss & Morcom WH35
SPECIFICATIONS	50 Hz Data	Capacity at 40 barg m <sup>3</sup> /hr FAD cfm	2120 / 1248
		Delivery Pressure barg / psi(g)	40 / 580
		Speed rpm	735
		Shaft Power kW / HP	330 / 442
		Motor Power kW / HP	350 / 483
		Capacity at 40 barg m <sup>3</sup> /hr FAD cfm	2045 / 1204
	60 Hz Data	Delivery Pressure barg / psi(g)	40 / 580
		Speed rpm	710
		Shaft Power kW / HP	330 / 443
		Motor Power kW / HP	348 / 467



For additional information please contact Gardner Denver or your local representative. Specifications subject to change without notice. Copyright 2015 Gardner Denver. GB.06/15.CI