

# PE 180-18.5-VE

THE TOP PERFORMER OF THE POSEIDON EDITION SERIES



# PE 180-18.5-VE

## FOR UNIVERSAL USE WITH FLOW RATES OF 800 L/MIN

Designed for industrial applications under harsh conditions. The unit was tested for several thousand hours in our test centre in continuous operation, including at low and high ambient temperatures.

Extra-large additional coolers ensure reliable operation even under extreme climatic conditions.

The B-CONTROL MICRO demand-driven electronic control unit features clear functional menu-based operation for safe, secure and convenient use and enables the compressor to be controlled fully automatically.

- › 800 l/min
- › 350 bar
- › 18.5 kW

### FEATURES

- › BAUER quality - for continuous operation
- › Reliable IK180 compressor block
- › B-DRAIN automatic condensate drain
- › BAUER purification system optional
- › B-APP connection optional
- › Wide range of further options and accessories, e.g. Super Silent housing, storage cylinders etc.

## TECHNICAL DATA

Model	F.A.D. <sup>1</sup>			Max. operating pressure <sup>2</sup>		No. of stages	Speed rpm	Motor power kW	Power consumption <sup>1</sup> kW	Net weight approx.	
	l/min	m <sup>3</sup> /h	cfm	bar	psig					kg	lbs
<b>PE-VE SERIES, 90 - 365 bar</b>											
PE 180-18.5-VE	800	48	28.3	350	5,100	4	1,800	18.5	18.3	385	850

<sup>1</sup> Volume flow rate according to ISO 1217; power consumption at max. final pressure under defined framework conditions. Different ambient conditions will result in differing performance values

Dimensions L x W x H  
1600 x 830 x 1520 mm

<sup>2</sup> Maximum allowable working pressure = max. setting safety valve; final pressure (shut-down pressure) lower.  
Not suitable for compressing nitrogen.

**FOR ALL APPLICATIONS THAT DEPEND ON RELIABLE COMPRESSORS WITH HIGH FLOW RATE UNDER INDUSTRIAL CONDITIONS.**

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Subject to change without notice