

BAUER
COMPRESSORS

Quality. Our DNA



BAUER RIGFORCE™

MOTION COMPENSATION SOLUTIONS
Industrial Air and Nitrogen Boosters for Offshore Applications

Reliable High-Pressure Boosting in Motion-Affected Environments

RigForce® systems are BAUER's dedicated industrial air and nitrogen booster solutions designed for offshore oil and gas applications. Engineered to perform reliably under platform motion, limited space, and harsh marine conditions, RigForce® delivers dependable high-pressure air or nitrogen where uptime and performance are critical.

RigForce® systems are commonly used to boost industrial air or nitrogen for dry gas seal support, instrument air, and other mission-critical offshore services.

BAUER RIGFORCE™

Water-Cooled and Direct Driven Booster Compressor Designed for High-Flow Applications

SYSTEM FOOTPRINT

DIMENSIONS L x W x H inches (mm)

Open Design

- › 76" x 68" x 69" (1930mm x 1753mm x 1753mm) without buffer tank
- › 18" x 33" x 52" (457mm x 838mm x 1321mm) buffer tank

WEIGHT pounds (kg)

Open Design

- › 5,000 lb (2268 kg) with buffer tank
- › 4,750 lb (2155 kg) without buffer tank

BENEFITS

- › Robust Build for Offshore Environments - All RigForce™ systems are designed to operate continuously under severe offshore conditions in high salt, high temperature, and high humidity environments
- › Low Cost of Ownership - BAUER systems are known for the lowest cost of ownership in the industry: high quality components to reduce maintenance costs over time

TECHNICAL DATA

| Model | Inlet Pressure | | Capacity FAD ¹ | | RPM | Number of Stages | Motor | | Drive |
|---|----------------|----------|---------------------------|--------------------|------|------------------|-------|----|-------|
| | PSIG | BAR | SCFM | M ³ /HR | | | HP | KW | |
| UP TO 5000 PSIG OPERATING PRESSURE (ELEVATED INLET PRESSURE) ² | | | | | | | | | |
| IB23.10 | 29 - 65 | 2 - 4.5 | 50 - 91 | 84 - 155 | 1170 | 4 | 60 | 45 | E3 |
| IB23.12 | 65 - 145 | 4.5 - 10 | 60 - 121 | 102 - 206 | 1170 | 4 | 60 | 45 | E3 |
| IB23.13 | 116 - 203 | 8 - 14 | 74 - 124 | 126 - 210 | 1170 | 4 | 50 | 37 | E3 |

1) Volume flow rate according to ISO 1217.

2) Lower inlet pressure can result in lower operating pressure.

E3=460/3/60

Other voltages and frequencies are available upon request.

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1179.04.26 300RP
Subject to technical changes