

N₂Xpellar Gas Separator



Downhole Tool Specialists

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Save Time by Eliminating Nitrogen Effectively

Streamline your operations by introducing Kenjer’s new Gas Separator tool, the N₂Xpellar™, into your BHA. This new tool allows you to safely and effectively pump nitrogen through the toolstring and expelling it to the wellbore before it reaches your extended reach tool and motor. This new tool allows you to use nitrogen effectively without the drawback of damaging your tools that contain rubber components. Also, this new tool is unlike any other tool and the simple design has no moving parts and no need to have multiple nozzle sizes due to the performance of this tool.

Key Features

- 30” shoulder to shoulder length is amongst the shortest in the market
- Ability to pull Nitrogen out of the toolstring without lose of liquid through the ports
- High flow rate capability for both liquids and gases
- Extremely high 80-90% efficiency
- No need for different size ports due to effective design

| Technical Specifications* | | | | | | | | | |
|---------------------------|--------------|--------------|-----------------|---------------------|------------------|---------------------------|-------------|---------------------|-------------------------|
| Tool Size | Length (in.) | Weight (lbs) | Flow Rate (gpm) | Pressure Drop (psi) | Max Temp (deg F) | Nitrogen Flow Rate (scfm) | Connection | Tensile Yield (lbf) | Torsional Yield (lb-ft) |
| 3-1/8" | 30 | 40 | 100-210 | 50-150 | 400 | 0-2000 | 2-3/8" Reg. | 144,000 | 4,200 |
| 2-7/8" | 30 | 35 | 63-168 | 50-150 | 400 | 0-1500 | 2-3/8" PAC | 120,000 | 3,600 |

* These are theoretical values calculated that do not consider combined loading. An appropriate factor of safety should be used depending on conditions expected in the field. These values are true and accurate at the time of print date shown below. Information is subject to change without prior notice.
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