



**PRANAV ENGINEERING**  
Air & Gas Compressor and Parts

# DIAPHRAGM 1621166300

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If you're maintaining or repairing industrial or heavy-duty pneumatic systems, the Diaphragm 1621166300 is a crucial component. This diaphragm is commonly found in actuators, valves, and other air-operated mechanisms that require a precise seal and smooth motion. Over time, the original part can wear out — leading to air leaks, inconsistent performance, or complete failure. That's where aftermarket replacements come in.

## Steps for Replacement

### Signs You Need to Replace the Diaphragm

- Air or fluid leaks around the actuator or valve
- Reduced system pressure or inconsistent movement
- Visible cracks or stiffness in the rubber
- Slow or jerky actuator motion

### Installation Tips

- Ensure all components are clean and free of debris.
- Inspect housing surfaces for scoring or corrosion.
- Lubricate lightly (if manufacturer-approved).

# TECHNICAL SPECIFICATION

Parameter	Typical Value / Range
Material:	Typically rubber (can be EPDM, PTFE, or similar elastomers depending on application).
Application:	Suited for use with inert, corrosive, or gaseous media, capable of withstanding dynamic pressure fluctuations
Pressure Resistance:	Designed for use in air compressors that handle pressures from 10 to 16 bar (general range for standard diaphragms)
Temperature Performance:	Operational range typically between -30°C to +150°C, with variations based on material (EPDM or PTFE membranes).
Function:	Maintains system balance, prevents leakage, and supports compressor safety by regulating pressure zones.
Industry Usage:	Utilized in industrial air compressors and related pneumatic equipment.

## **Technical support 24/7**

We offer 24/7 technical support to ensure quick assistance whenever needed. Our team is always ready to help with product setup, troubleshooting, and urgent service requests.

## **Consultation**

Need help choosing the right product? We provide expert consultations to guide you through selection, technical compatibility, and project-specific requirements.

Warranty

## **Product Warranty**

All parts come with a minimum 6-Month warranty against all manufacturing defect. We guarantee the quality and reliability of every product supplied.

Order now:

**PRANAV ENGINEERING**

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