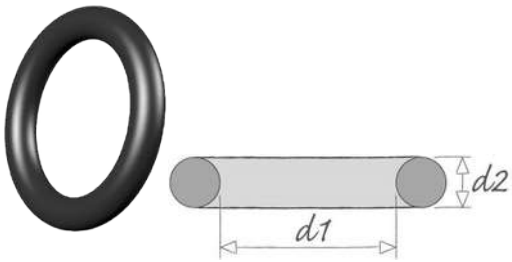
HUTCHINSON®

# DATA SHEET
# O-Ring 168601

## PART INFORMATION

| | |
|---|---|
| Part number | 168601 |
| Inside diameter d1 | 169,30 mm |
| Cross-section d2 | 5,70 mm |
| Size standard<br>Tolerance range according to | <br>ISO 3601-1 |
| Rubber family | NBR |
| Rubber compound | PB701 |
| Quality acceptance criteria on aspect | ISO 3601-3 |




## PB701 COMPOUND INFORMATION

**Original characteristics**

| | |
|---|---|
| Hardness Sh A | 70 |
| Tensile strength | 17 MPa |
| Elongation at break | 400 % |
| Compression set | 12 % (24h 100°C) |
| TR10 | -20 °C |
| Brittle point | -30 °C |
| Operational temperature range * | -30 °C / 100 °C |
| Peak temperature | 120 °C |

| | |
|---|---|
| Rubber color | Black |

**Official agreements**
Gaz : EN549 – H3B2

* The temperature range is given as an indication and can be influenced by the environment, the fluids in contact and the operating conditions.

## NBR FAMILY

**Good resistance**
Mineral oils
Domestic gas
Water up to 70 °C
Fuels
Aliphatic solvants

**Poor resistance**
Acids
Atmospheric agents
Brake fluids

**Particularities**
Good mechanical characteristics

**Typical applications**
Hydraulic & pneumatic
Valves & fittings water and mineral gas
Mineral oil & fuel circuits

LE JOINT FRANCAIS SNC
1 rue Gutenberg ZI Ouest de Bazouges - 53200 CHATEAU-GONTIER - FRANCE
www.oring.hutchinson.fr - oring@hutchinson.com

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