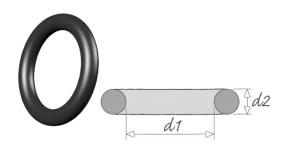


# DATA SHEET O-Ring 163300

# PART INFORMATION

Part number	163300
Inside diameter d1	142,47 mm
Cross-section d2	3,53 mm
Size standard	BS255/AS255
Tolerance range according to	ISO 3601-1
Rubber family	NBR
Rubber compound	PC851
Quality acceptance criteria on aspect	ISO 3601-3



# PC851 COMPOUND INFORMATION

# **Original characteristics**

Hardness Sh A 80 17 MPa Tensile strength Elongation at break 225 % Compression set 15 % (24h 100°C) -25 °C **TR10** -35 °C Brittle point -30 °C / 100 °C Operational temperature range \* Peak temperature 120 °C

Rubber color Black

Official agreements

Gaz: FN549 - H3B1

# **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

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



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