

DATA SHEET

O-Ring 143080

PART INFORMATION

Part number	143080
Inside diameter d1	63,22 mm
Cross-section d2	1,78 mm
Size standard	BS037/AS037
Tolerance range according to	ISO 3601-1
Rubber family	FKM
Rubber compound	7DF2067
Quality acceptance criteria on aspect	ISO 3601-3



7DF2067 COMPOUND INFORMATION

Original characteristics

Hardness Sh A	70
Tensile strength	14 MPa
Elongation at break	180 %
Compression set	20 % (72h 200°C)
TR10	-15 °C
Brittle point	-25 °C
Operational temperature range *	-25 °C / 200 °C
Peak temperature	250 °C

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

FKM FAMILY

Very good resistance

Heat
Mineral oils
Domestic gas
Atmospheric agents
Fuels
Aromatic and aliphatic agents

Good resistance

Chemical substances in general
Acids

Poor resistance

Bases
Brake fluids

Particularities

Limited resistance to cold
Fairly good mechanical behaviour
Good impermeability

Typical applications

Hard vacuum
Hydraulic and pneumatic high temperature
Industrial valves and fittings
Injection carburation
Engine seals

