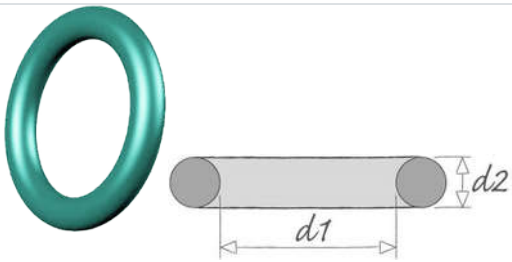
HUTCHINSON®

DATA SHEET
O-Ring 107868

PART INFORMATION

Part number	107868
Inside diameter d1	7,20 mm
Cross-section d2	1,90 mm
Size standard	R6
Tolerance range according to	ISO 3601-1
Rubber family	FKM
Rubber compound	7DF2067
Quality acceptance criteria on aspect	ISO 3601-3



7DF2067 COMPOUND NFORMATION

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

* 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

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

We make it possible