

STATIC SEALS

BECA 016

SAE J518



DESCRIPTION

The BECA 016 profile is a rectangular rubber flange seal suitable for hydraulic fittings SAE J518.

ADVANTAGES

- Good extrusion resistance, little sensitivity to extrusion gaps
- Good compression set
- No twisting in the seal
- No need for a connected back-up ring
- Limited mechanical deformation on the seal cross-section
- Long lifespan

APPLICATIONS

- Flanges
- Fittings

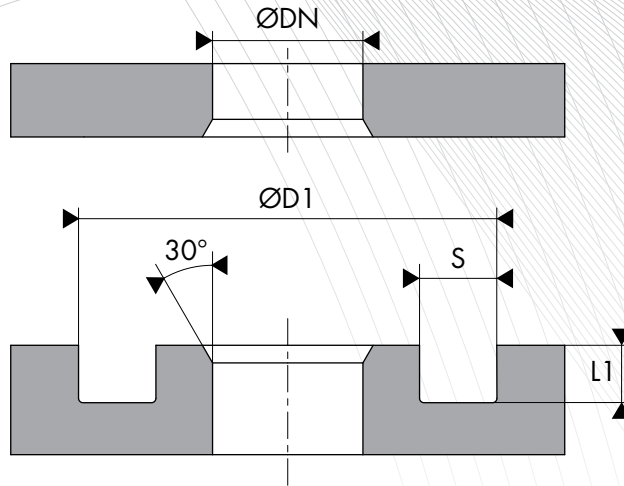
MATERIALS

NBR 90 Shore A

TECHNICAL DATA

Temperature	-20°C / +100°C
Pressure	40 MPa
Media	Mineral hydraulic oils HL HLP HETG HEPG HEES HFC Others (contact our experts)

The figures above indicate the maximum values and may not be cumulated. They may be developed, depending on the materials used.



DESIGN DATA FOR THE HOUSING

Nominal flange size	Nominal diameter ØDN	Outside diameter ØD1 min - max	Axial section S min - max	Width L1 min - max
1/2"	13	25.40 - 25.83	3.94 - 4.45	2.79 - 2.92
3/4"	19	31.75 - 31.88	3.94 - 4.45	2.79 - 2.92
1"	25	39.62 - 39.75	3.94 - 4.45	2.79 - 2.92
1 1/4"	32	44.45 - 44.58	3.94 - 4.45	2.79 - 2.92
1 1/2"	38	53.72 - 53.98	3.94 - 4.45	2.79 - 2.92
2"	51	63.25 - 63.50	3.94 - 4.45	2.79 - 2.92

DIMENSIONS

Part number	Nominal flange size	Nominal diameter ØDN	Outside diameter ØD	Height H1	Thickness Ep
016.25853	1/2"	13	25.85	3.40	2.80
016.32303	3/4"	19	32.30	3.40	2.80
016.40153	1"	25	40.15	3.40	2.80
016.45053	1 1/4"	32	45.05	3.40	2.80
016.54403	1 1/2"	38	54.40	3.40	2.80
016.63903	2"	51	63.90	3.40	2.80