

# Compensator

## Size 1" – 5"

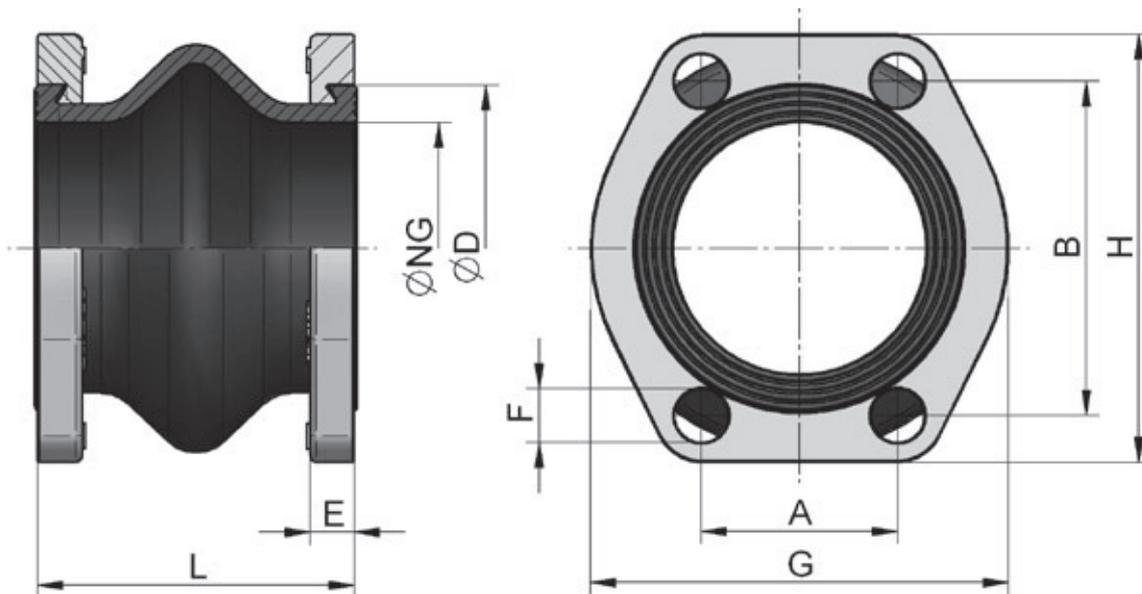
Rubber compensators are elastic connectors with turn able SAE flanges. Compensators are used for damping oscillations, vibrations, noises and movements in axial and transversal direction.

### Design

Rubber compensators have a plain surface vulcanized to a fabric body (inside and outside) of the rubber part. The outside is weather resistant and protects the fabric against ageing, wear and corrosion. The interior of the rubber part consists of nitril-butadien-caoutchouc (BUNA-N). Because compensators have tightening lips on both sides, further seals are not necessary.

### Operating range for suction and return lines.

All mineral oil products, crude oil, lubrication oil, cooling oil (-20°C/68°F up to 80°C/176°F, intermittent 100°C/212°F), grease, cold water, warm water up to 60°C (140°F), water/oil emulsions, fuel with 30% aromatic content.



| description | order number | size |     | A    | B     | D    | E    | F    | G    | H    | L    | weight |
|-------------|--------------|------|-----|------|-------|------|------|------|------|------|------|--------|
|             |              | SAE  | NG  | [mm] | [mm]  | [mm] | [mm] | [mm] | [mm] | [mm] | [mm] | [kg]   |
| K16S – 25   | SDKSS025     | 1"   | 25  | 26,2 | 52,4  | 43   | 11   | 11   | 59   | 70   | 65   | 0,4    |
| K16S – 32   | SDKSS032     | 1 ¼" | 32  | 30,2 | 58,7  | 50   | 11   | 13   | 73   | 81   | 65   | 0,5    |
| K16S – 40   | SDKSS040     | 1 ½" | 40  | 35,7 | 70,0  | 62   | 13   | 13   | 83   | 95   | 100  | 0,8    |
| K16S – 50   | SDKSS050     | 2"   | 50  | 42,9 | 77,8  | 72   | 13   | 13   | 97   | 103  | 100  | 1,0    |
| K16S – 63   | SDKSS063     | 2 ½" | 63  | 50,8 | 89,0  | 87   | 14   | 13   | 109  | 115  | 100  | 1,2    |
| K16S – 80   | SDKSS080     | 3"   | 80  | 62,0 | 106,4 | 104  | 14   | 17   | 131  | 136  | 100  | 1,8    |
| K16S – 90   | SDKSS090     | 3 ½" | 80  | 70,0 | 120,6 | 104  | 14   | 17   | 140  | 152  | 100  | 1,9    |
| K16S – 100  | SDKSS100     | 4"   | 100 | 77,8 | 130,2 | 130  | 16   | 17   | 152  | 162  | 100  | 2,5    |
| K16S – 125  | SDKSS126     | 5"   | 125 | 92,0 | 152,4 | 155  | 16   | 17   | 165  | 184  | 130  | 3,0    |

### Material

|         |        |
|---------|--------|
| inside  | NBR/CR |
| outside | CR     |
| flange  | steel  |

### Working Pressure

|                          |                        |
|--------------------------|------------------------|
| maximum working pressure | 0,2 ÷ 1,5 bar absolute |
|--------------------------|------------------------|

This data sheet shows a technical overview of our products. Please contact us if more exact information is needed. As we are constantly improving our products, their characteristics, dimensions and weights may also change, although we do our best to incorporate these changes continually. The information in this data sheet is intended to be used as a first general guideline only. asa assumes no liability for any information therein, any errors, omissions, misprints, nor any direct or indirect damages, losses or costs resulting therefrom. The cooling performance and the general technical values indicated in this catalogue are measured at a test bench according to asa testing procedures. Because there is no standardized testing procedure, tests used by other manufacturers could have different results. Due to different conditions in testing and application environments the cooling performance may also vary by +/- 15%. Therefore we recommend all coolers to be checked under the system operating conditions. This is also true of vibrations and mechanical stress as well as for pressure peaks and thermal stress and any other relevant factors. Please read manual before installation.