**KSF BASKET STRAINERS**

### GENERAL
- **Identification (KKS):**
  - DN32
- **Size of body:** 3
- **Nominal Diameter:** DN32
- **Rating:** 16 bar
- **KKS (line):** DN32,0
- **Design codes:** ADW2000-Merkblatt / PED 2014/68/EU
- **Model Identification:** KSF
- **Fluid filtered:**
- **Service:**
  - **INLET:** 32 PN16
  - **OUTLET:** 32 PN16
- **Drain:** 3/8" n/a
- **Vent:** 1/4" n/a
- **Differential pressure:** 1/4" n/a

### OPERATING AND DESIGN PARAMETERS

#### DESIGN CONDITIONS
- **Pressure drop clean filter:** 0,05 bar ( ≥100µm)
- **Pressure drop dirty filter:** 0,05 bar ( ≥100µm)
- **Pressure:** 2 bar (basket design pressure)
- **Temperature:** (-10) - (+200)ºC

#### OPERATING CONDITIONS
- **Temperature:** 
  - Temperature: 
  - Flow: 7 m³/h
  - Flow: kg/h

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### MATERIALS
- **Body:** EN-GJS-500-7 / GGG-50 / BS 500-7 / ASTM 536 80-55-06 / JIS FCD 500-7
- **Cover:** EN-GJS-500-7 / GGG-50 / BS 500-7 / ASTM 536 80-55-06 / JIS FCD 500-7
- **Basket area:** 440 cm²
- **Grade of filtration:** 20-10000 µm
- **Gasket:** NBR*
- **Vent & Drain plug:** SS316ti
- **Studs:** Steel, galvanized
- **Nuts:** Steel, galvanized
- **Screen:** SS316
- **Perforated plate:** SS316

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### ACCESSORIES
- **Pressure drop indicator:** Yes
- **Magnetic filter insert:** Yes
- **Hydrostatic Test:** Yes
- **Visual inspection:** Yes
- **Declaration of Conformity:** Yes
- **CE- Declaration of Conformity:** No
- **Others:** Operating data is necessary!
- **Information:** Foundry certified by LR / Lloyds

### COATING
- **INTERNAL:** Anti-corrosion primer
- **EXTERNAL:** Epoxy paint RAL 5010 blue

### DIMENSIONS AND WEIGHT

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>214.0 mm</td>
<td>219.0 mm</td>
<td>355.0 mm</td>
<td>400.0 mm</td>
<td>12.0 mm</td>
</tr>
<tr>
<td></td>
<td>161.0 mm</td>
<td>25.0 kg</td>
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### REMARKS
- Standard is NBR with a range of temperature from (-10) - (+100) ºC; FKM with (-10) - (+200) ºC on request.

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