

# SPI-M650

Grundfos® Pump Seal  
Technical Data Sheet



## Features

Grundfos® Pump Types  
spi® Seal Type GR-1092S can be used in Grundfos® Pumps  
For more information, please do not hesitate to contact our Technology department

spi® Seal Type SPI-M650 can be used in Grundfos® Pumps. TP, NP5, NP, LP Series Pump, WITH Shaft size 12mm, 16mm, 22mm and 33mm

## Combination Materials

### 1. Rotary Face

- Reaction Bonded Sic RBSIC **O**
- Sintered Silicon Carbide SSIC **O<sub>1</sub>**
- Carbon graphite, resin impreg **A<sub>k</sub>**
- Carbon graphite,antimony impreg **A<sub>D</sub>**

### 2. Stationary Seat

- Aluminium Oxide Ceramic **B**
- Reaction Bonded Sic RBSIC **O**
- Sintered Silicon Carbide SSIC **O<sub>1</sub>**

### 3. Auxiliary Seal

- EPDM **E**
- FKM **V**
- NBR **P**

### 4. Spring

- GrNi-Steel (AISI304) **F**
- GrNiMo-Steel (AISI316) **G**

### 5. Metal Parts

- GrNi-Steel (AISI304) **F**
- GrNiMo-Steel (AISI316) **G**