

# SPI-M325

EagleBurgmann Type EA100 Replacement  
Technical Data Sheet



## Features

The secondary seal with incorporated garter spring in order to maintain axial flexibility and enhance sealing performance

Available in 325 types, each with a different impeller connection, easy installation and replacement  
Single-spring, single seal

Common mechanical seals Type SPI-M325 is designed for the low duty applications, with easy installation and good performance features. It is widely used in the water and waste water technology, circulation pumps, low duty water pumps and heating systems

## Recommended Applications

Drinking water pumps  
Hot water circulation pumps  
Low duty water pumps  
Heating systems  
Other Rotating Equipment

## Operating range

**haft diameter:** d1=8...16 mm

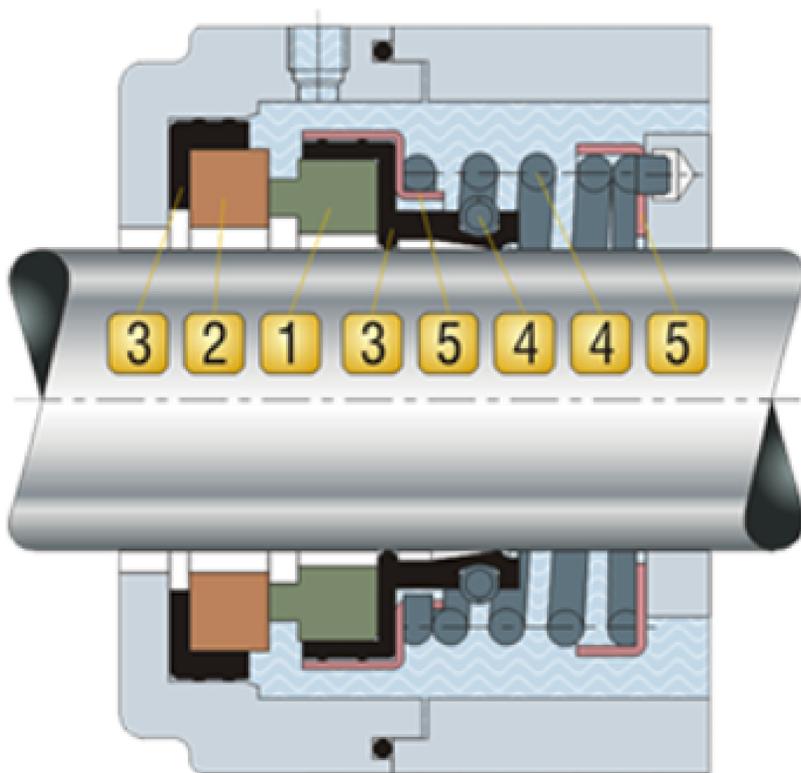
**Pressure:** p=0...0.4Mpa (58psi)

**Temperature:** t = -20 °C ...150 °C(-4°F to 302°F)

**Sliding velocity:** Vg≤10m/s (32.8ft/m)

**Notes:** The range of pressure, temperature and sliding velocity is depend on seals combination materials

## Product Structure



## Combination Materials

### 1. Rotary Face

- Carbon graphite resin impregnated Ak
- Hot-pressing carbon Ac
- Silicon carbide (RBSIC) O

### 2. Stationary Seat

- Aluminium oxide(Ceramic) B
- Silicon carbide (RBSIC) O

### 3. Auxiliary Seal

- Nitrile-Butadiene-Rubber (NBR) P
- Fluorocarbon-Rubber (Viton) V
- Ethylene-Propylene-Diene (EPDM) E

### 4. Spring

- Stainless Steel (SUS304) F
- Stainless Steel (SUS316) G

### 5. Metal Parts

- Stainless Steel (SUS304) F
- Stainless Steel (SUS316) G