

## PSR50系列

### ■适用工况

适用于高压、高速的介质工况，主要针对电厂的锅炉给水及循环泵

### ■结构特点

单端面平衡型设计

静止型多弹簧结构

密封端面最小的变形

零部件更换简单

摩擦环与环座间特殊的密封形式

优先集装式设计，其型号为CPSR50

### ■型号说明

PSR50：标准型

PSFR50：带有泵送效应

### ■冲洗应用

PSR50：通常需要PLAN11、21冲洗方案的支持

PSFR50：需要PLAN23冲洗方案的支持

### ■结构材料

摩擦副匹配

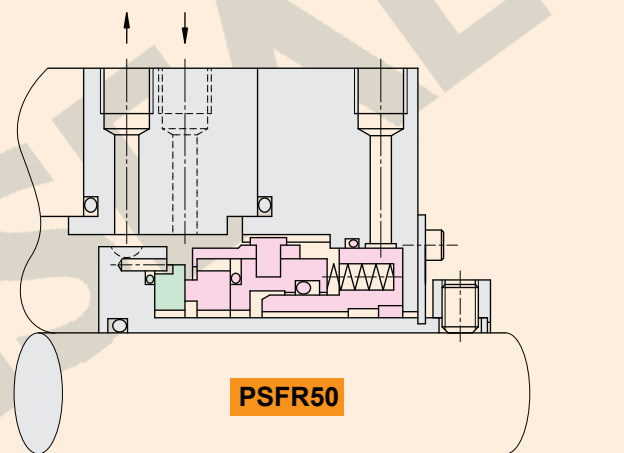
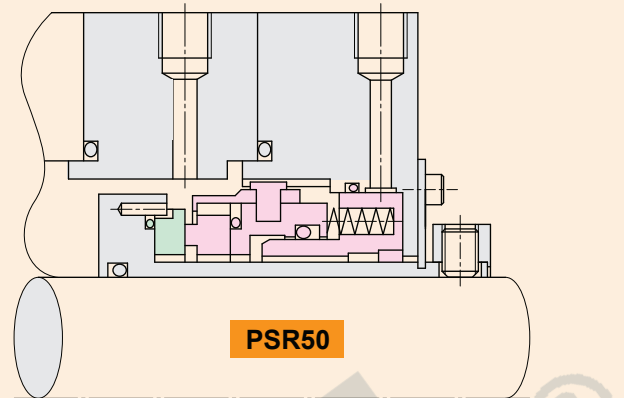
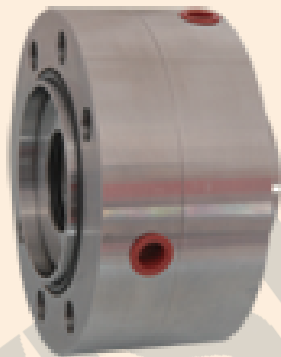
PS(F)R508：SSiC × Carbon

PS(F)R501：SSiC × SSiC

过流金属：316、304

弹簧：Hast-C4

密封圈：FKM、MVQ、EPDM、KALREZ®



### Applications

Designed for high pressure and high speed condition which can meet the requirement of boiler feedwater and boiler circulation pump of powerplant

### Structure features

Single balanced seal

Stationary multiple springs

Minimum distortion of seal face

Easy to replace seal components

Special seal type between seal face and retainer

Give first priority to cartridge design as CPSR50

### Type Descriptions

PSR50：Standard type

PSFR50：With pumping effect

### Flush Applications

PSR50：Normally use PLAN 11 and 21

PSFR50：Normally use PLAN23

### Materials

Seal face：

PS(F)R508：SSiC × Carbon

PS(F)R501：SSiC × SSiC

Metal parts：316,304

Springs：Hast-C4

Seal ring：FKM,MVQ,EPDM,KALREZ®

### 运行参数 Operating Parameters

温度 Temperature：-40 to +260  
(-40 ℉ to +500 ℉)

压力 Pressure：to 150bar

速度 Speed：to 50m/s

尺寸系列：根据客户要求

Dimension：Based on customer's request