

## R54系列

### ■适用工况

应用于润滑性较差的水、液态烃、轻质油及其它化工介质工况

### ■结构特点

单端面结构

平衡型设计

静止型结构

多弹簧结构设计

法兰垫片紧固式辅助密封

R541、R548 旋转环采用 PTFE 矩形环过渡密封联结方式

R547 旋转环采用镶装工艺

### ■冲洗应用

通常需要 PLAN11、PLAN21 等冲洗方案的支持

### ■结构材料

摩擦副匹配：

R541：SiC × SiC

R547：WC × Carbon

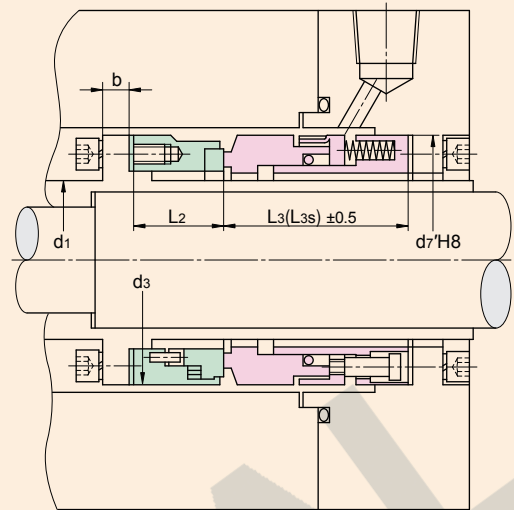
R548：SiC × Carbon

过流金属：304、316

弹簧：316、Hast-C4

密封圈：NBR、FKM、MVQ、TEFLON、PTFE

密封垫：柔性石墨



安装尺寸表

Size	d <sub>1</sub>	d <sub>3</sub>	d <sub>7</sub> '	L <sub>2</sub>	L <sub>3</sub>	L <sub>3S</sub>	b
030	30.0	46.0	46.0	20.0	32.0	-	6.0
035	35.0	51.0	51.0	20.0	32.0	-	6.0
040	40.0	62.0	62.0	25.0	40.0	-	8.0
045	45.0	67.0	67.0	25.0	52.0	45.0	8.0
050	50.0	72.0	72.0	25.0	52.0	45.0	8.0
055	55.0	78.0	78.0	30.0	55.0	45.0	8.0
060	60.0	83.0	83.0	30.0	55.0	45.0	8.0
065	65.0	88.0	88.0	30.0	55.0	45.0	10.0
070	70.0	97.0	97.0	30.0	55.0	50.0	10.0
075	75.0	100.0	100.0	30.0	55.0	50.0	10.0
080	80.0	103.0	103.0	30.0	55.0	50.0	10.0
085	85.0	110.0	110.0	30.0	55.0	50.0	10.0
090	90.0	114.5	114.5	30.0	58.0	50.0	10.0
095	95.0	121.0	121.0	30.0	58.0	50.0	10.0
100	100.0	125.0	125.0	30.0	58.0	50.0	10.0
105	105.0	135.0	135.0	35.0	60.0	50.0	10.0
110	110.0	140.0	140.0	35.0	60.0	50.0	10.0
115	115.0	145.0	145.0	35.0	60.0	50.0	10.0
120	120.0	150.0	150.0	35.0	60.0	50.0	10.0
125	125.0	160.0	160.0	35.0	60.0	50.0	12.0
130	130.0	165.0	165.0	35.0	60.0	50.0	12.0
135	135.0	170.0	170.0	35.0	60.0	50.0	12.0
140	140.0	175.0	175.0	35.0	60.0	50.0	12.0

### Applications

Designed for media with bad lubrication such as water, liquid hydrocarbon, light oil and other chemical media

### Structure Features

Single seal

Balanced

Stationary seal

Multiple springs

Auxiliary seal use flange gasket fastening structure

Rotary face of R541, R548 adopt PTFE rectangle ring as transition connection

R547 rotary face adopts shrink-fitted processing method

### Flush Applications

Normally use PLAN11, PLAN21 etc

### Materials

Seal face：

R541：SiC × SiC

R547：WC × Carbon

R548：SiC × Carbon

Metal parts：304, 316

Springs：316, Hast-C4

Seal ring：NBR, FKM, MVQ, TEFLON, PTFE

Seal gasket：Flexible graphite

### 运行参数 Operating Parameters

温度 Temperature：-40 to +220

(-40 ℉ to +428 ℉)

压力 Pressure：to 40bar

速度 Speed：to 40m/s