

## D521系列

### 应用工况

适用于密封操作压力较低环境下的危险介质

### 结构特点

有压双端面密封，背靠背排布

主、次级密封均为非平衡型密封

密封自身具有循环密封隔离液的能力。

D521主密封采用“O”型橡胶圈作为辅助密封

D521A主密封采用楔形PTFE作为辅助密封

主、次密封采用“T<sub>0</sub>”及“HA”结构环作为各自静环的标准配置

符合EN 12756、ISO3069标准

### 冲洗应用

需要PLAN53或PLAN54冲洗方案支持

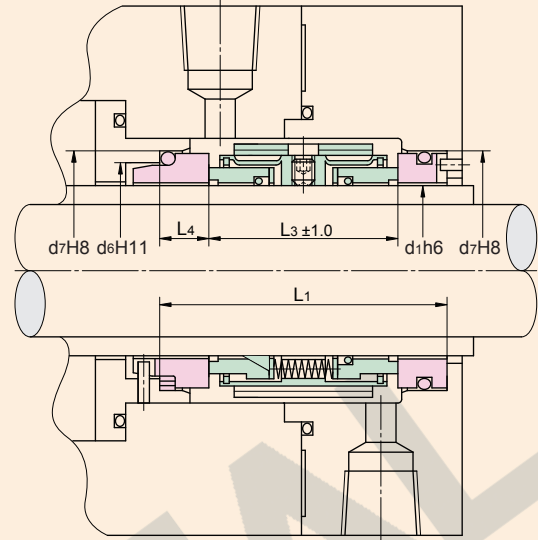
### 结构材料

摩擦环匹配：WC/SiC × Carbon/SiC+ Carbon × SiC

过流金属：304、316

弹簧：316、Hast-C4

密封圈：NBR、FKM、PTFE



安装尺寸表

Size	d <sub>1</sub>	d <sub>6</sub>	d <sub>7</sub>	L <sub>1</sub>	L <sub>3</sub>	L <sub>4</sub>
030	30.0	39.0	45.0	70.0	46.0	12.0
033	33.0	42.0	48.0	72.0	48.0	12.0
035	35.0	44.0	50.0	72.0	48.0	12.0
038	38.0	49.0	56.0	74.0	48.0	13.0
040	40.0	51.0	58.0	74.0	48.0	13.0
043	43.0	54.0	61.0	74.0	48.0	13.0
045	45.0	56.0	63.0	74.0	48.0	13.0
048	48.0	59.0	66.0	79.0	53.0	13.0
050	50.0	62.0	70.0	82.0	55.0	13.5
053	53.0	65.0	73.0	84.0	57.0	13.5
055	55.0	67.0	75.0	84.0	57.0	13.5
058	58.0	70.0	78.0	90.0	63.0	13.5
060	60.0	72.0	80.0	90.0	63.0	13.5
063	63.0	75.0	83.0	90.0	63.0	13.5
065	65.0	77.0	85.0	90.0	63.0	13.5
070	70.0	83.0	92.0	105.0	76.0	14.5
075	75.0	88.0	97.0	104.0	75.0	14.5
080	80.0	95.0	105.0	104.0	74.0	15.0
085	85.0	100.0	110.0	104.0	74.0	15.0
090	90.0	105.0	115.0	114.0	84.0	15.0
095	95.0	110.0	120.0	114.0	84.0	15.0
100	100.0	115.0	125.0	114.0	84.0	15.0



### Applications

Designed for low pressure operating condition

### Structure Features

Pressurized double seal, back - to - back arrangement

Primary seal and secondary seal are unbalanced seal

Seal has the capacity of self circulating sealing segregating liquid

D521 primary seal takes “O” rubber ring as auxiliary seal

D521A primary seal takes wedge type PTFE ring as auxiliary seal

Primary seal and secondary seal take “T<sub>0</sub>” and “HA” ring as their standard configuration of stationary seats

In accordance with EN 12756,ISO3069

### Flush Applications

Use PLAN 53 or PLAN54

### Materials

Seal face :

WC/SiC × Carbon/SiC+ Carbon × SiC

Metal parts : 304,316

Springs : 316,Hast - C4

Seal ring : NBR,FKM,PTFE

### 运行参数 Operating Parameters

温度 Temperature

D521 : -40 to + 200 (-40 ℉ to + 392 ℉)

D521A : -40 to + 240 (-40 ℉ to + 464 ℉)

压力 Pressure : to 15bar

速度 Speed : to 25ms