

## U30系列

### ■适用工况

主要用于密封油、水及一般腐蚀性介质

### ■结构特点

单端面结构

非平衡型设计

有旋向要求

锥形螺旋单弹簧设计

弹簧自身传递扭矩

适合较大的轴串量

旋转环径向开孔设计

“T<sub>1</sub>”型结构环为静环标准配置，“T<sub>2</sub>”型为选择配置

符合EN12756、ISO3069标准

### ■结构材料

摩擦副匹配：

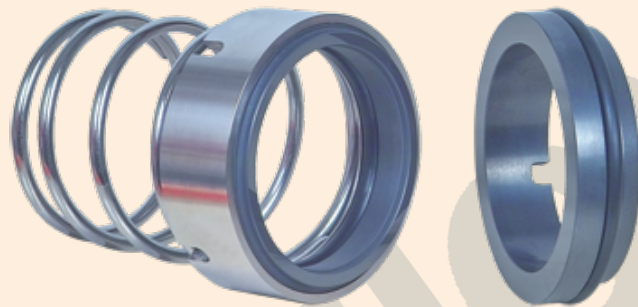
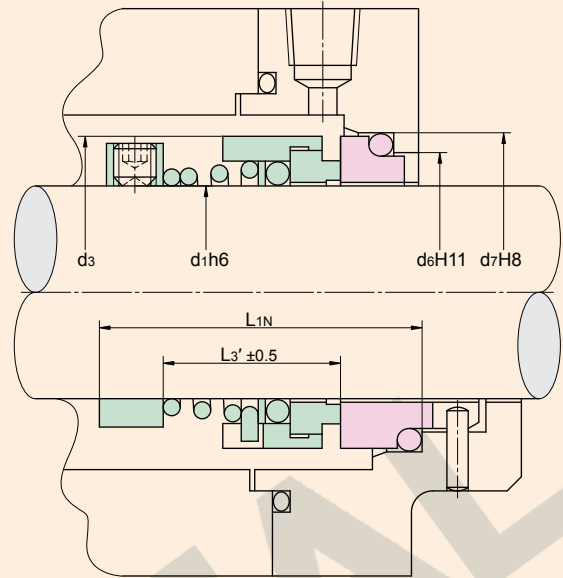
U302：Carbon × SiC

U303：WC/SiC × SiC

过流金属：304、316

弹簧：316

密封圈：NBR、FKM



安装尺寸表

Size	d <sub>1</sub>	d <sub>3</sub>	d <sub>6</sub>	d <sub>7</sub>	L <sub>3</sub> '	L <sub>1N</sub>
016	16.0	26.0	23.0	27.0	19.5	40.0
018	18.0	31.0	27.0	33.0	20.5	45.0
020	20.0	34.0	29.0	35.0	22.0	45.0
022	22.0	36.0	31.0	37.0	23.5	45.0
024	24.0	38.0	33.0	39.0	25.0	50.0
025	25.0	39.0	34.0	40.0	26.5	50.0
028	28.0	42.0	37.0	43.0	26.5	50.0
030	30.0	44.0	39.0	45.0	25.0	50.0
032	32.0	46.0	42.0	48.0	28.5	55.0
035	35.0	49.0	44.0	50.0	28.5	55.0
038	38.0	54.0	49.0	56.0	32.2	55.0
040	40.0	56.0	51.0	58.0	34.7	55.0
045	45.0	61.0	56.0	63.0	39.2	60.0
048	48.0	64.0	59.0	66.0	44.7	60.0
050	50.0	66.0	62.0	70.0	45.7	60.0
055	55.0	71.0	67.0	75.0	49.0	70.0
058	58.0	78.0	70.0	78.0	52.0	70.0
060	60.0	79.0	72.0	80.0	53.0	70.0
065	65.0	85.0	77.0	85.0	54.3	80.0
068	68.0	88.0	81.0	90.0	55.3	80.0
070	70.0	90.0	83.0	92.0	56.3	80.0
075	75.0	98.0	88.0	97.0	56.3	80.0
080	80.0	103.0	95.0	105.0	59.3	90.0

### Applications

Designed for sealing oil, water and general corrosive media

### Structure Features

Single seal

Unbalanced

Dependent of direction of rotation

Conical single spring design

Torque is transmitted through spring

Suitable for bigger axial movement

Radial orifice design of rotary face

“T<sub>1</sub>” as standard configuration for stationary seat, “T<sub>2</sub>” is optional configuration

In accordance with EN12756,ISO3069

### Materials

Seal face:

U302：Carbon × SiC

U303：WC/SiC × SiC

Metal parts：304,316

Spring：316

Seal ring：NBR,FKM

### 运行参数 Operating Parameters

温度 Temperature： -20 to +160

(- 4 F to + 320 F)

压力 Pressure： to 10bar

速度 Speed： to 10m/s