

81系列

■适用工况

适用于含颗粒的水等介质，如废水、污水等

■结构特点

非推进型密封

非平衡型密封

整体橡胶波纹管结构设计

附加单弹簧结构

对旋转设备的精度误差有较好的补偿性

橡胶件不会对轴造成磨损

单弹簧结构，不易阻塞，具有相对好的耐蚀性

“T2”型结构环为静环标准配置，“T1”及“T11”型为选择配置

符合EN12756、ISO3069

■结构材料

摩擦环匹配

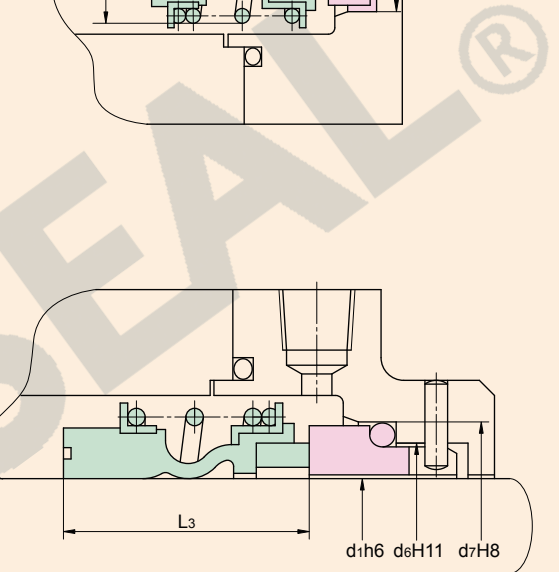
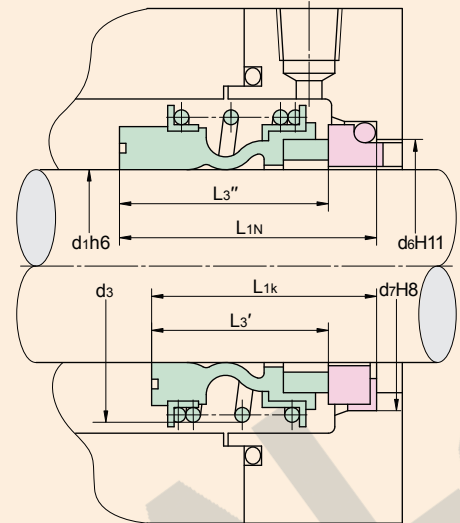
810 : Carbon x SiC

811 : SiC x SiC

过流金属 : 304、316

弹簧 : 316

波纹管 : FKM



Applications

Designed for water with particles and other medium, such as waste water, sewage, etc

Structure Features

Non - pusher seal

Unbalanced

Integrated elastomer bellows

Additional single spring

Superior compensation to accuracy error of the rotating equipment

Rubber components can't cause shaft wear

“T2” is standard seat, “T1” and “T11” are optional seats

In accordance with EN 12756 and ISO3069

Materials

Seal face :

810 : Carbon x SiC

811 : SiC x SiC

Metal parts : 304, 316

Spring : 316

Bellows : FKM

运行参数 Operating Parameters

温度 Temperature : -20 to +120
(-4 F to +248 F)

压力 Pressure : to 10bar

速度 Speed : to 10m/s

安装尺寸表

	mm									
Size	d ₁	d ₃	d ₆	d ₇	L ₃	L ₃	L ₃ '	L _{1k}	L _{1N}	
018	18.0	32.0	27.0	33.0	19.5	30.0	37.5	37.5	45.0	
020	20.0	37.0	29.0	35.0	21.5	30.0	37.5	37.5	45.0	
022	22.0	37.0	31.0	37.0	21.5	30.0	37.5	37.5	45.0	
024	24.0	42.5	33.0	39.0	22.5	32.5	42.5	40.0	50.0	
025	25.0	42.5	34.0	40.0	23.0	32.5	42.5	40.0	50.0	
028	28.0	49.0	37.0	43.0	26.5	35.0	42.5	42.5	50.0	
030	30.0	49.0	39.0	45.0	26.5	35.0	42.5	42.5	50.0	
032	32.0	53.5	42.0	48.0	27.5	35.0	47.5	42.5	55.0	
033	33.0	53.5	42.0	48.0	27.5	35.0	47.5	42.5	55.0	
035	35.0	57.0	44.0	50.0	28.5	35.0	47.5	42.5	55.0	
038	38.0	59.0	49.0	56.0	30.0	36.0	46.0	45.0	55.0	
040	40.0	62.0	51.0	58.0	30.0	36.0	46.0	45.0	55.0	
043	43.0	65.5	54.0	61.0	30.0	36.0	51.0	45.0	60.0	
045	45.0	68.0	56.0	63.0	30.0	36.0	51.0	45.0	60.0	
048	48.0	70.5	59.0	66.0	30.5	36.0	51.0	45.0	60.0	
050	50.0	74.0	62.0	70.0	30.5	38.0	50.5	47.5	60.0	
053	53.0	78.5	65.0	73.0	33.0	36.5	59.0	47.5	70.0	
055	55.0	81.0	67.0	75.0	35.0	36.5	59.0	47.5	70.0	
058	58.0	85.5	70.0	78.0	37.0	41.5	59.0	52.5	70.0	
060	60.0	88.5	72.0	80.0	38.0	41.5	59.0	52.5	70.0	
065	65.0	93.5	77.0	85.0	40.0	41.5	69.0	52.5	80.0	
068	68.0	96.5	81.0	90.0	40.0	41.2	68.7	52.5	80.0	
070	70.0	99.5	83.0	92.0	40.0	48.7	68.7	60.0	80.0	
075	75.0	107.0	88.0	97.0	40.0	48.7	68.7	60.0	80.0	
080	80.0	112.0	95.0	105.0	40.0	48.0	78.0	60.0	90.0	