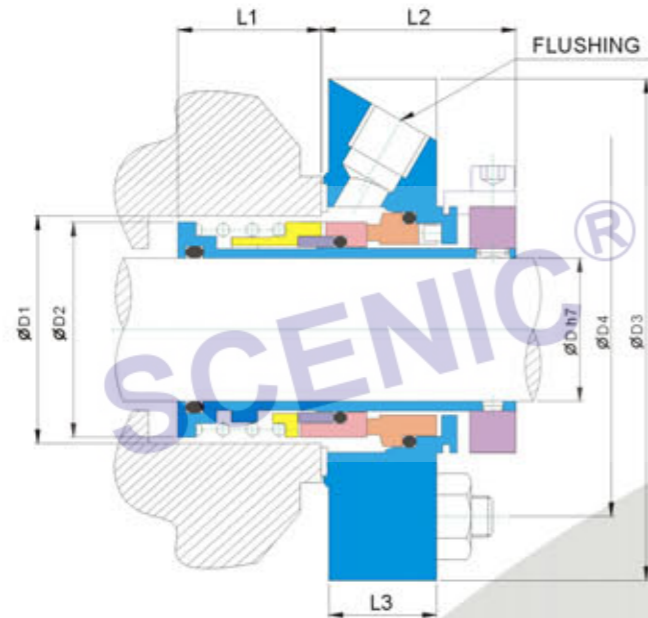


# EZ-46™

A new-born single cartridge seal without perfluoroelastomer  
 一個不必用全氟化O型圈的卡夾單軸封誕生  
 (經濟型卡夾軸封)

專利 PAT.NO.: M262618 (TW)  
 USA & CN PAT. PENDING



### 應用條件

#### APPLICATION DATA:

溫度 (TEMP RANGE): -40°C ~ 90°C  
 壓力 (PRESSURE): 12kg/cm<sup>2</sup>G  
 週速 (SPEED): 25m/sec

### 標準材質

#### STANDARD MATERIAL:

金屬部份 (METAL PARTS):  
 SS316 / SS304

固定環 (SEAT RING):  
 CB / SIC / TC

迴轉環 (ROTARY RING):  
 TC / SIC

密封圈 (O-RING):  
 PTFE / PACKING + TV O/R

### 結構特性

#### COMPONENT DATA:

- 單彈簧設計可承受較大的聚合物,且可承受比多彈簧軸封更大的END-PLAY。
- 卡夾設計,易安裝。
- 適用於DIN, ANSI規範的泵浦。
- 驅動機構強,可承受較大的動態扭力。
- 內側無螺絲裝置,零件安裝容易。
- PTFE V-PACKING設計,不必用高價位的全氟化O型圈。可降低甚多維護成本。
- 相對耐磨面用整塊硬質合金/碳化矽/碳精,長久不變精度。

### 應用設備

#### APPLICATION EQUIPMENT:

- 水泵, 化工流程泵, 污水泵。
- DIN、ANSI標準系列泵浦。
- Water pump, Petrochemical process pump, Waist water pump.
- Cover both ANSI pump designs as well as DIN standard.

### FEATURES:

- Single cartridge seal design that can resist bigger conglomerate and bigger end-play than multi-spring.
- Cartridge design, easy for install.
- Cover both ANSI pump designs as well as DIN standard.
- Propel structure is strong that can resist bigger dynamic torque.
- Without screw device at the inboard side, components can be installed easily.
- PTFE V-PACKING design, no need of perfluoroelastomer O-Ring. Reduces huge repair cost.
- Mating pairs use solid TC/SIC/CB, which keeps the precision under long operation.



Dh7	D2	D1	D4	D3	L3	L1	L2	PT
25	39	41.5	68	95	22.5	26.5	38	1/4"
28	42	44.5	73	95	22.5	28	38	1/4"
30	44	46	76	98	22.5	30	37.5	1/4"
32	46	48	76	108	23.5	31.5	38.5	1/4"
35	49	51	80	108	23.5	31.5	38.5	1/4"
38	55	58	86	120	23.5	31.5	38.5	1/4"
40	56	60	89	120	23.5	32	39	1/4"
45	61	64	92	127	23.5	34.5	39	1/4"
50	67	70	98	130	23.5	38	39	1/4"
55	72	75	105	150	24.5	39	43	1/4"
60	80	83	111	162	25.5	43	44	1/4"

■ We develop & supply designs for special equipment & for special duty requirements.