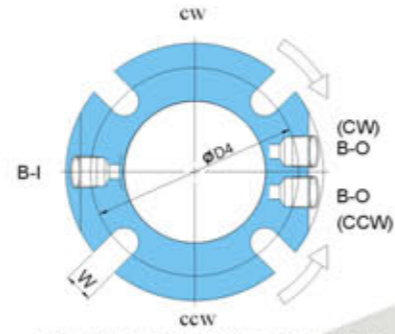
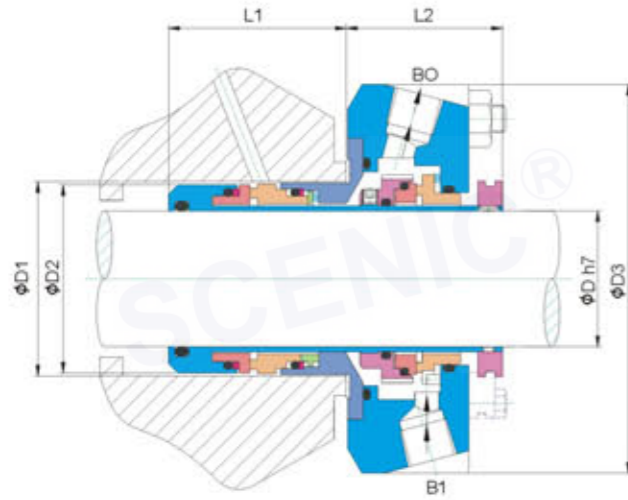


# LD388™ Tandem Double Cartridge Seal 卡夾集裝縱列式雙軸封

專利 PAT.NO.: 204360 (TW)  
ZL 01 2 23690.X (CN)



Rotating clock wise then plug  
CCW BO In reverse, plug CW BO

### 應用條件

#### APPLICATION DATA:

溫度 (TEMP RANGE): -40°C ~ 230°C  
壓力 (PRESSURE): 25kg/cm<sup>2</sup>G  
週速 (SPEED): 25m/sec

### 標準材質

#### STANDARD MATERIAL:

金屬部份 (METAL PARTS):  
SUS316 / Ti2 / C-276

固定環 (SEAT RING):  
CARBON / S-SIC / R-SIC / T.C

迴轉環 (ROTARY RING):  
S-SIC / R-SIC / T.C

密封圈 (O-RING):  
VITON / HTCR / CHEMRAZ / KALREZ / HIFLUOR /  
T.V / OTHER

### 結構特性

#### COMPONENT DATA:

CAR-LD388為雙軸封多彈簧卡夾式設計，其優點特性如下：

- 專利實用新形式卡夾雙軸封式設計，容易安裝。
- 彈簧不與操作液體接觸，不受結晶物的影響。
- 雙向平衡式設計PLAN 52, 53, 54共用。
- 高功能Pumping Ring 設計，不需加壓，可自循環功能。
- 可運用於高腐蝕場所。
- 彈簧採靜止型設計可承受偏擺每邊0.5mm。自動調心功能。
- 轉動設備減少VOC量之最佳搭配。
- 耐磨面使用整體超硬質合金，碳化矽與碳精，長久不變精度。

### 應用設備

#### APPLICATION EQUIPMENT:

- DIN, ANSI標準系列泵浦，轉動設備液體雙重密封。
- Cover both ANSI pump designs as well as DIN standard. Liquid double sealed for the rotating equipment.



### FEATURES:

Is a double cartridge with multi-spring design.

- Easy installation double cartridge design.
- Spring is isolated from operating product. Non-clogging.
- Duo-balanced design. Fits to either API Flush Plan 52 · 53 · 54.
- Can be operated with non-pressurized barrier systems. With maximize pumping ring design.
- Can be installed in critical and high corrosive environments.
- Modern & advanced static spring design. Can resist the run-out of 0.5mm each side. Auto-adjust the misalignment of the shaft.
- Best choice for rotating equipment to control VOC (Volatile Organic Compounds).
- Mating pair uses solid TC/SIC/CB, which keeps the precision under long operation.

SHAFT D	STUFFING BOX D1		D2	D3	L1	L2	L3	W	Flange Size			
	MIX	MAX							3/8" M10	1/2" M12	5/8" M16	
1.000	25	1.625 41.5	1.875 48	1.551 39.4	3.740 95	1.850 47	1.850 47	1.417 36	0.437 11.1	2.625 70		
1.125	28	1.750 44.5	2.000 51	1.696 43.1	3.858 98	1.850 47.5	1.850 47	1.471 36.5	0.437 11.1	2.875 73		
	30	46	54	44.3	104	48	51.5	40.7	11.1	76		
1.250	32	1.875 48	2.125 54	1.811 46	4.252 108	1.850 47.5	2.007 51.5	1.574 40.7	0.437 11.1	3.000 76		
1.375	35	2.000 51	2.250 58	1.937 49.2	4.252 108	1.850 47.5	2.007 51.5	1.574 40	0.437 11.1	3.250 80		
1.500	38	2.250 58	2.500 63	2.185 55.5	4.724 120	1.929 48	2.007 51.6	1.574 40	0.563 14.3	3.375 86		
	40	60	66	58	120	49	51.6	1.574 40	14.3	88		90
1.625	42	2.375 62	2.625 68	2.311 58.3	4.724 120	1.929 48	2.007 51.6	1.574 40	0.563 14.3	3.500 90	3.625 92	
1.750	45	2.500 64	2.750 70	2.437 61.9	5.000 127	2.283 54	2.007 51	1.574 40	0.563 14.3	3.625 93	3.750 96	
1.875	48	2.625 67	2.875 73	2.562 65.1	5.118 127	2.283 54	2.007 51	1.574 40	0.563 14.3	3.750 95	3.875 98	
2.000	50	2.750 70	3.000 77	2.685 68.2	5.118 127	2.283 58	2.007 51	1.574 40	0.563 14.3	3.875 98	4.000 102	
2.125	55	2.875 75	3.125 82	2.811 71.4	5.906 150	2.283 51	2.007 59	1.574	0.689 17.5	4.125 105	4.250 108	4.375 112
2.250	60	3.000 76	3.250 86	2.937 74.6	6.260 159	2.283 58	2.007 51	1.574 40	0.689 17.5	4.250 108	4.375 112	4.500 115
2.375	63	3.125 79	3.375 92	3.062 77.8	6.378 162	2.283 59.5	2.283 58.5	1.870 48	0.689 17.5	4.375 112	4.500 115	4.625 118
2.500	65	3.250 83	3.500 96	3.187 81.0	6.496 165	2.283 59.5	2.283 58.5	1.870 48	0.689 17.5	4.500 115	4.625 118	4.750 121
2.625	68	3.375 86	3.625 99	3.312 84.2	6.614 168	2.283 58	2.283 58.5	1.870 48	0.689 17.5	4.625 118	4.750 121	4.875 124
2.750	70	3.500 89	3.750 102	3.437 87.4	6.732 171	2.283 58	2.283 60	1.870 48	0.689 17.5	4.750 121	4.875 124	5.000 127
2.875	75	3.625 92	3.875 105	3.562 90.6	6.850 174	2.637	2.637	2.047				
3.000	80	3.750 95	4.000 108	3.687 93.8	6.968 177	2.637 67	2.637 67	2.047 52				
3.125	85	3.875 98	4.125 111	3.812 97.0	7.086 180	2.637 67	2.637 67	2.047 52				
3.250	90	4.000 101	4.250 114	3.937 100.2	7.204 183	2.637 67	2.637 67	2.047 52				
3.375	95	4.125 104	4.375 117	4.062 103.4	7.322 186	2.637 67	2.755 70	2.047 52				
3.500	100	4.250 107	4.500 120	4.187 106.6	7.440 189	2.637 67	2.755 70	2.047 52				
3.625	105	4.375 110	4.625 123	4.312 109.8	7.558 192	2.637	2.755	2.047				
3.750	110	4.500 113	4.750 126	4.437 113.0	7.676 195	2.637 69	2.755 72.5	2.047 59				
3.875	115	4.625 116	4.875 129	4.562 116.2	7.794 198	2.637	2.755	2.047				

2.875" (70MM)以上法蘭  
尺寸依設備空間設計  
Flange over 2.875" (70mm) will be  
designed according to equipment's  
space.

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