

# HC2系列油壓缸 HC2 Series Hydraulic Cylinders

70/140kgf/cm<sup>2</sup> JIS 規格基準/ JIS Basic Standard Hyd. Cylinders

油慶公司之HC2形標準油壓缸,是依據JIS B8354規格的油壓缸,使用於一般產業機械及工作機械上,廣泛用途之油壓缸,而且製造多種固定座形式,特別是因為將緩衝構造加以改良,得到沒有衝擊樣而緩慢停止之特性-

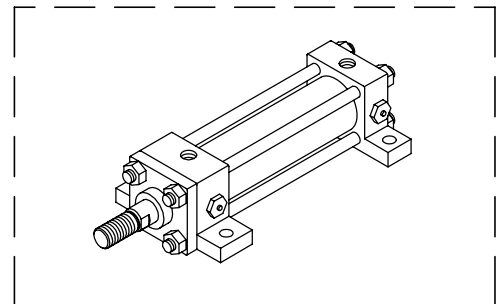
The HC2 standard hyd cylinders which manufactured accord to JIS B 8354 specifications and can be employed in general production machinery & machine tools. Wide applications, Since, there are being with much mounting styles Especially those series hyd cylinders have reformed the cushioning structure so that, there are being with no impulse and slowly stopped features.

- \* 有多樣的固定座形式
- \* 有低速性優良的高精度動作
- \* 有緩慢順滑之緩衝效果

- \* There are being with much mounting styles.
- \* There are being with high precision at low speed output rating.
- \* There is moved slowly,slide smoothly and also being with cushioning effectness.

## 規範 Specifications

項目 Item	型式 Model	HC2 70	HC2 140
缸管內徑 Cylinder Bore	mm	φ40, φ50, φ63, φ80 φ100, φ125, φ150	
固定座形式 Mounting		LA, LB, FA, FB, FC, FD, CA, CA, SD, TA, TC,	
<b>※</b> 1 使用壓力 Operating Pressure	kgf/cm <sup>2</sup>	70	140
最高使用壓力 Max.Operating Pressure	後蓋端內壓 Intensify press.	90	180
	前蓋端內壓 Rod Side	135	180
	活塞桿 徑記號 Rod Type	B 110	C 140
最低作動壓力 Min Operating Pressure	kgf/cm <sup>2</sup>	3kgf/cm <sup>2</sup> 以下 Less than 3 kgf/cm <sup>2</sup>	
最高使用速度 Max. Operating Speed	缸管內徑 Cylinder Bore	40~63	400
		80~125	300
		140~150	200
最低使用速度 Min Operating Speed	mm/sec	8	
<b>※</b> 2 最大衝程 Max. Stroke	缸管內徑 Cylinder Bore	40, 50	1200
		63, 80	1600
		100~150	2000
衝程之容許差 Tolerance of Stroke		JIS B 8354 A級 Refer to Righ Table	
活塞桿前端螺紋精度 Accuracy of Threading at Rod End		JIS B 0211-6g(2級)	
周圍溫度範圍 Range of Ambient Temperature	℃	-10~+80	



**※**1.最高使用壓力是指包含瞬間上昇之衝壓,而且強度上可以使用之最高壓力而言 -  
The max. operating pressure which means the instantaneous increased pressure and the intensity is indicated the max. operating pressure.

**※**2.最大衝程是依彎曲強度低值而求得 - 彎曲強度限制衝程;參考(DRAW)  
The max. stroke is derived from the lowest value of bending strength refer the max.stroke for which the cylinder rod will be bended.and refer to (DRAW)

### \* 衝程之容許差

Tolerance of Stroke

衝程 Stroke	mm	容許差 Tolerance	mm
~100		+0.8	
100~250		+1.0	
250~630		+1.25	
630~1000		+1.4	
1000~1600		+1.6	
1600~		+1.8	

依公式計算出大概重量  
基本重量及加算重量其數值,因記載於各固定座形式之外觀尺寸圖上,所以可在各固定座形式之外觀尺寸圖上計算

Estimated weight calculating :

The basic weight & added weight value which be recorded on the related fig and against to mountings. since. those can be calculated from mountings dimensions.