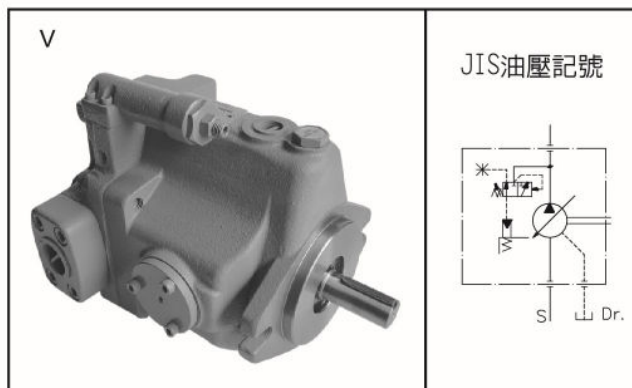




◆特性

1. 大金型。
2. 斜盤式軸向設計，可廣泛使用產業機械。
3. 全壓力範圍，低噪音。
4. 特殊控制方式，形成系統節能回路功能。
5. 功率損失小，可減少油溫上升，適合小容量油箱。

◆Description

1. Daikin type.
2. Swash plate axial type design, widely used in industrial machinery.
3. Specially designed for low noise through whole pressure zone.
4. Unique controlling ways make it become save energy circuit.
5. Ideal for small volume tank use as its pressure lose small and rarely rise in oil temperature.

■ 規格 Specification

形式 Model Number	最高使用壓力 Maxi.Working Pressure kgf/cm ²	吐出量 Delivery cc/rev	無負荷時之吐出量 No Load's Delivery 1/min(GPM)		壓力調整範圍 Pressure Adjusting Range kgf/cm ²	回轉數 rpm	
			1500 rpm	1800 rpm		最低	最高
V15	250	15	22.5	27.0	A1:8~70	500	1800
V18		17.8	26.7	32.0	A2:15~140		
V23		23.0	35.4	41.4	A3:20~210		
V38		37.8	56.7	68.0	A4:20~250		
V50	210	51.5	77.2	92.7			
V70		69.7	104.5	125.4			

◎ 形式記號說明 Nomenclature

V	15	A	--	1	R	B	S	--	40	--	58
1	2	3	4	5	6	7	8	9			

1 系列名稱 Series : V

2 吐出量 : Displacement
15,18,23,38,50,70 (cm³/rev)

3 控制方式、種類 : Control type :
A 壓力補償控制 Pressure compensator control
CH 兩段式壓力流量組合控制 Two-stage control
CH-RC 遠端搖控的兩段式壓力流量組合控制
Remote control type two-stage control
A-RC 遠端壓力補償型式
Remote pressure compensator control

4 壓力調整範圍 Adjustable range
1: 8~70 kgf/cm²
2: 15~140 kgf/cm²
3: 20~210 kgf/cm²
4: 20~250 kgf/cm²

5 回轉方向(從軸向看) Rotation (View from shaft end)

R : 順時針方向 Clock wise
L : 逆時針方向 anti-Clock wise

6 配管方向 Piping direction

無記號 None : 兩側出口 side port
B : 後方出口 rear port

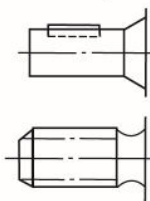
7 軸形式 Shaft type

無記號為平行齒軸 None means straight key shaft
梅花軸:Spline shaft (option)
V15/V18: S(13 teeth) S1(9 teeth)
S2(11 teeth)
V23/V38: S(13 teeth) S1(15 teeth)
S3(13 teeth enlarge type)
V50/V70: S(14 teeth) S1(17 teeth)

8 配管牙型 Piping thread

10 : PT 40 : PF
50 : NPT 60 : SAE

9 設計番號 Design number

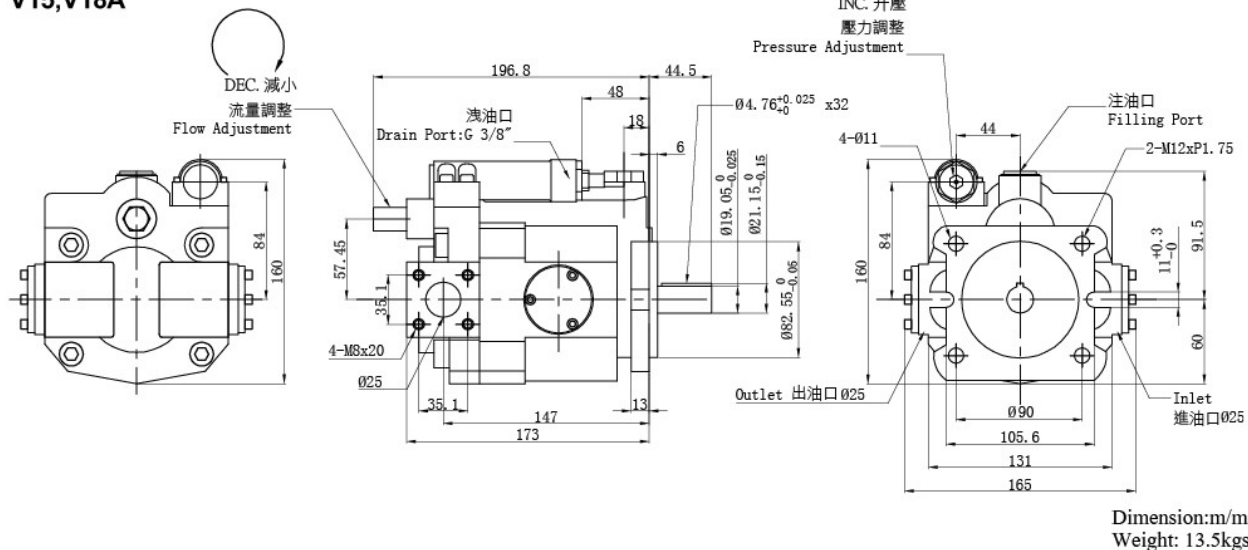


控制方法 Control type

Control type	JIS Symbol	Characteristics	Description
A 壓力補償控制 Pressure compensator control			1.系統壓力增加到設定的限定壓力時,流量會自動下降,唯壓力維持不變 2.流量和限定壓力可以手動調整 1.When system pressure increase to set-up pressure, flow drops automatically but pressure remains unchanged 2.Flow and set-up pressure can be adjusted manually.
A-RC遠端壓力補償型式 Remote pressure compensator control			1.和A型相同,並可遠端遙控調整壓力 1.Its functions are same as A type; Furthermore, pressure can be remote controlled.
CH兩段式壓力流量組合控制 Two-stage control			1.有"低壓大流量,高壓小流量"之高低壓幫浦功能,可選小功率的發動機 2.系統壓力增高,接近預調的PH時,幫浦的流量自動降到QL 3.壓力PH PL或流量QH QL可調整 4.適用於空行程長,加壓行程短的機械;速度快,省馬力 1.With low-pressure at large flow and high-pressure at small flow function. a small power electrical motor is suitable enough for it. 2.When system pressure increase or approach to PH pressure, flow of pump will automatically drop to QL. 3.Pressure PH PL or flow QH QL are adjustable. 4.It is ideal to apply on machines which its strokes are long unloaded or short stroke loaded.
CH-RC遠端遙控的兩段式壓力流量組合控制 Remote control type two-stage control			1.和CH型相同,並可遙控調整壓力 1.Its functions are same as CH type; Furthermore, pressure can be remote controlled.

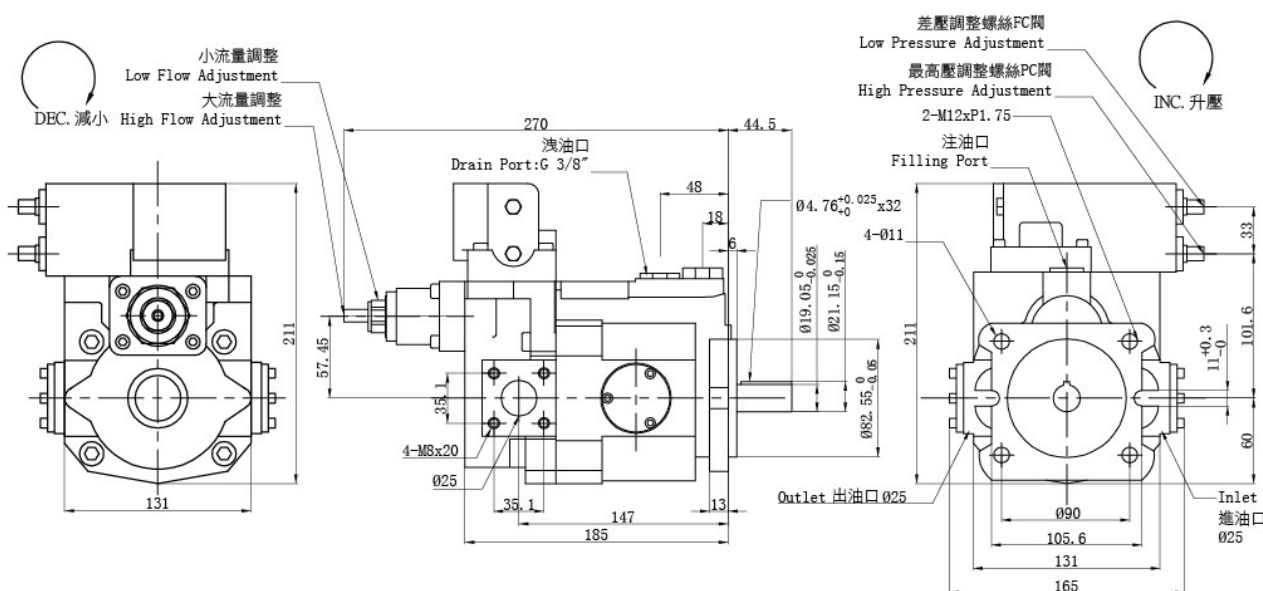
外型尺寸圖 Unit Dimensions

V15,V18A



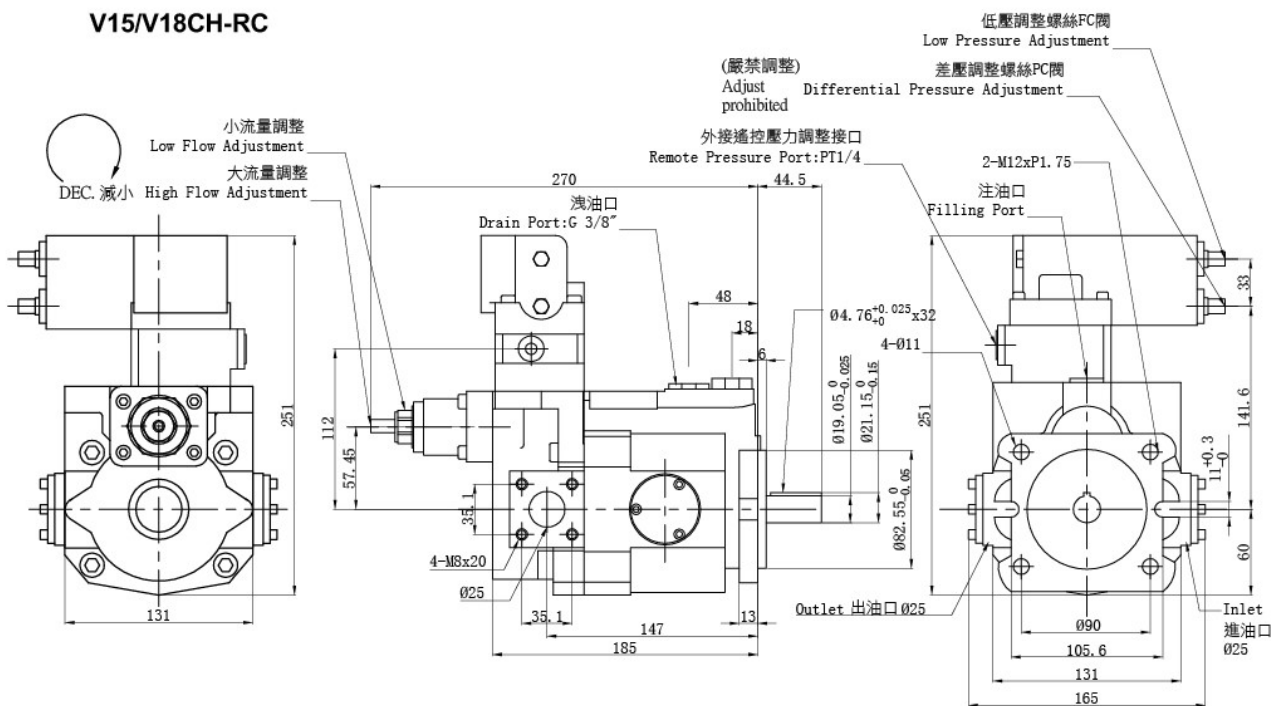
外型尺寸圖 Unit Dimensions

V15/V18CH



外型尺寸圖 Unit Dimensions

V15/V18CH-RC

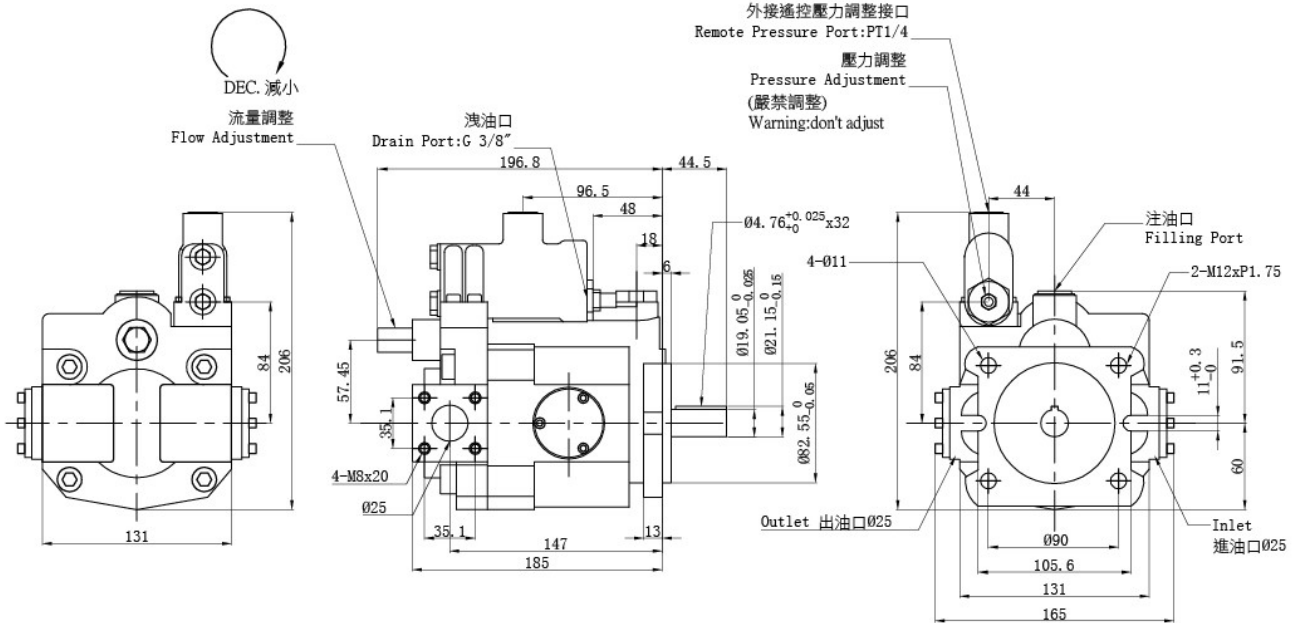


Dimension: m/m
Weight: 13.5kgs

A

外型尺寸圖 Unit Dimensions

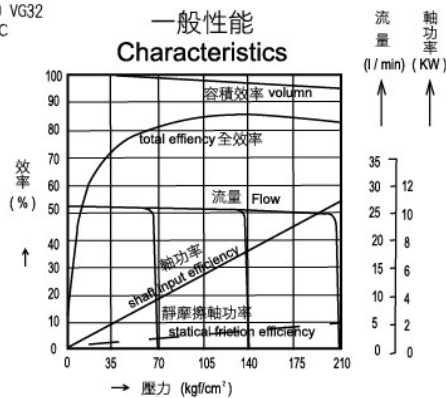
V15/V18A-RC



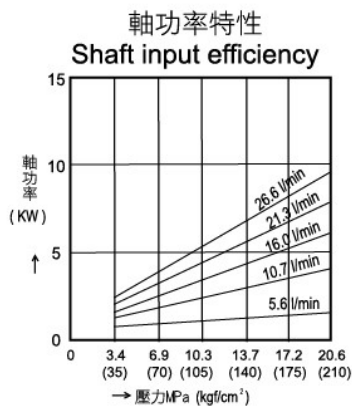
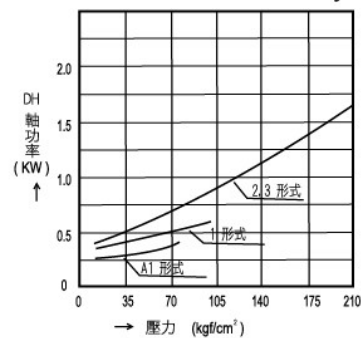
性能曲線 Performance

- * 軸轉速 : 1,800r/min
- * 使用油 : ISO VG32
- * 油溫 : 50°C

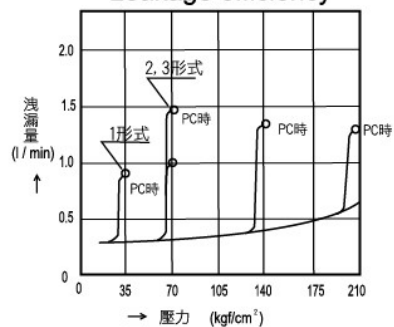
V15系列



靜摩擦軸功率 Static friction efficiency

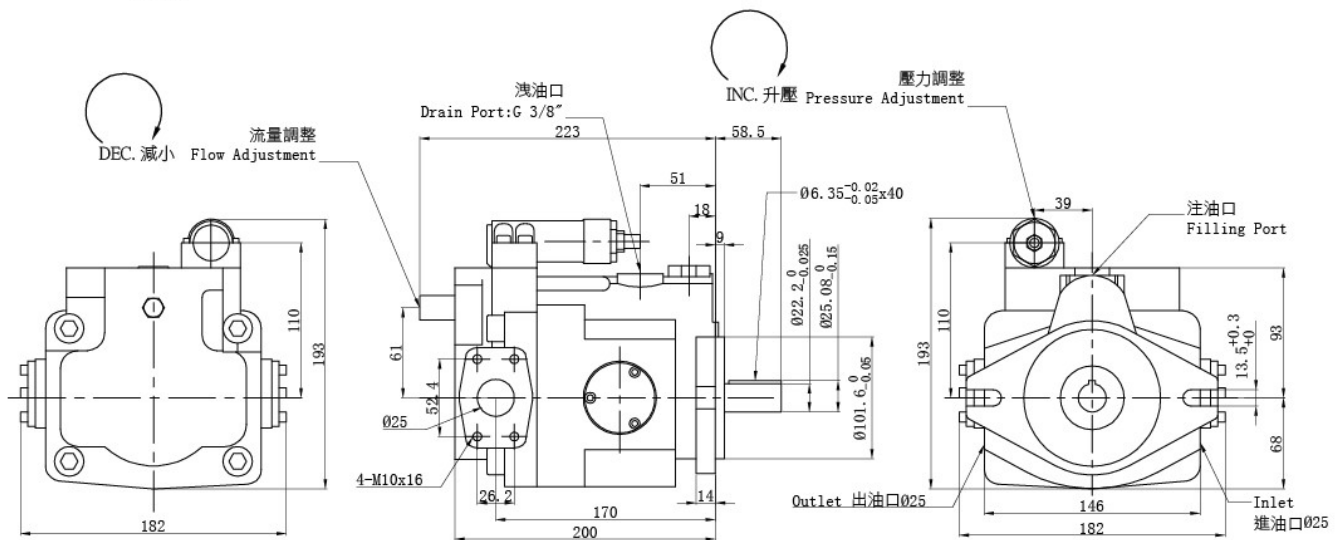


洩漏量特性 Leakage efficiency



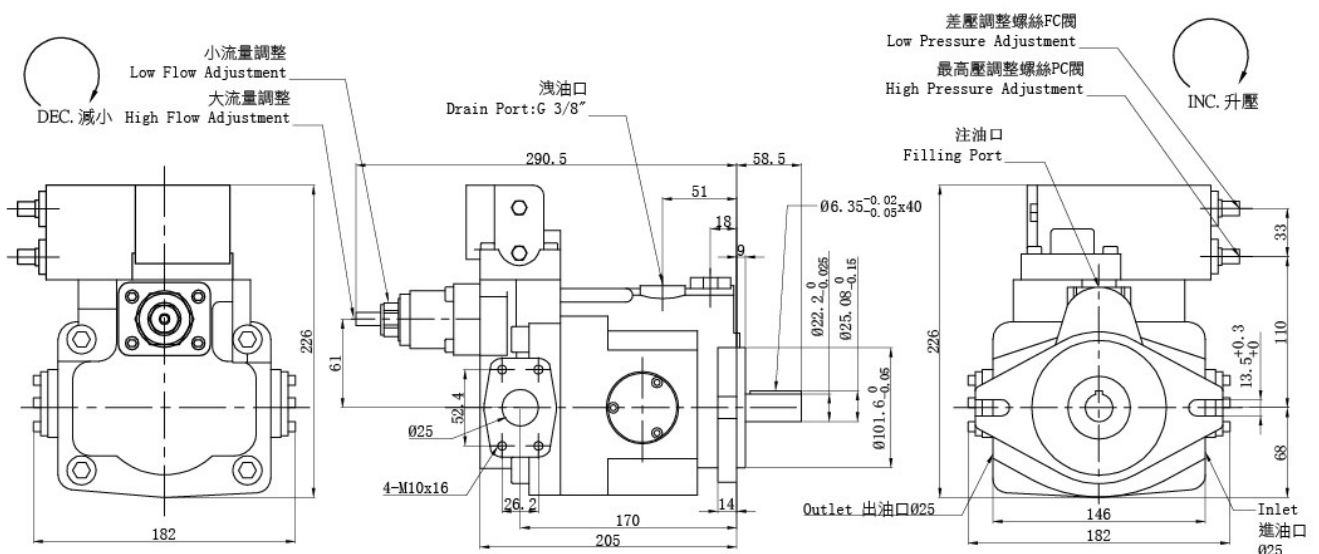
外型尺寸圖 Unit Dimensions

V23A



外型尺寸圖 Unit Dimensions

V23CH



Dimension: m/m
Weight: 22.5kgs

