

TCMC

高壓固定容量單輪葉泵浦

HI-PRES. FIXED DISP. SINGLE VANE PUMPS PV2R2 SERIES



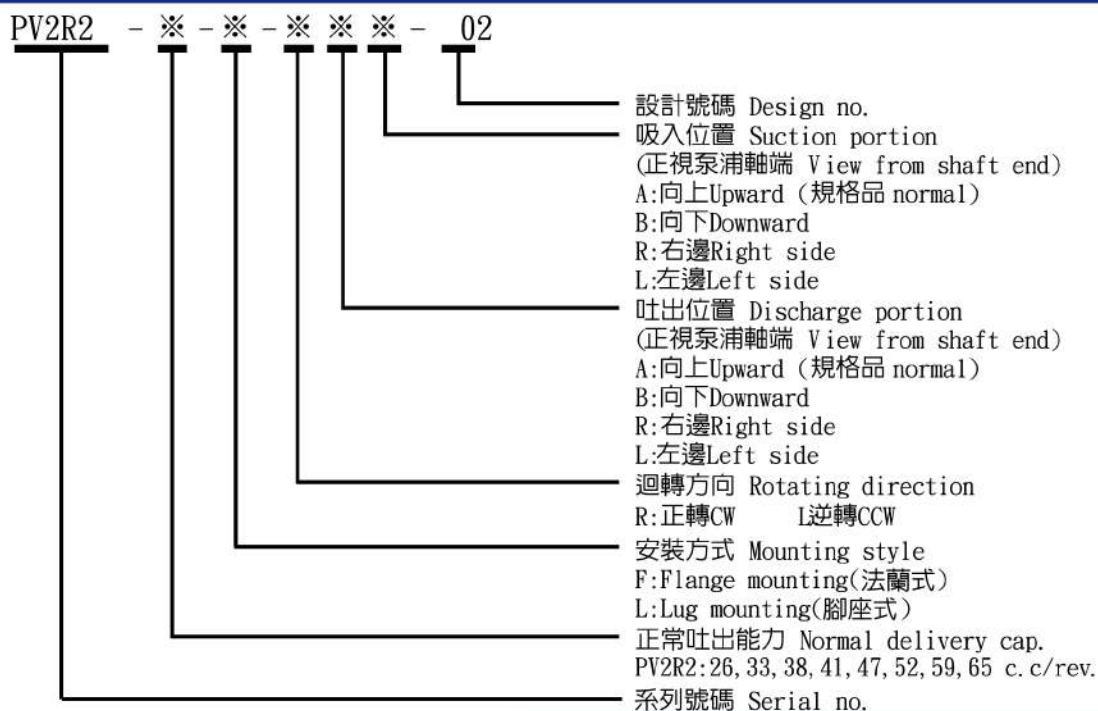
特點：

- 最高壓力測試值，乃以石油基高壓專用油為準。
- 低速啟動時油液最大黏度：
SPEED 750/ 100mm²/cst , SPEED 950/ 100mm²/cst.
- 壓力高於 160kgf/cm²時,轉速須高於1450轉。

FEATURES:

- Test value of maximum pressure is based on petroleum base hydraulic oil.
- Maximum Oil viscosity when operating with low speed:
SPEED 750/ 100mm²/cst , SPEED 950/ 100mm²/cst.
- When the pressure is higher than 160 kgf/cm², the rotation speed should be higher than 1450 rpm.

訂購索引 ORDERING INDEX



規格 SPECIFICATIONS

型式 Model	吐出能力 Delivery capacity				最大壓力 Max. pressure (kgf/cm²)	額定速度 Rated speed	
		迴轉速度(rpm) Running speed				最高 Max.	最低 Min.
	1000	1200	1500	1800			
PV2R2-26	26.2	31.4	39.3	47.1	210	1800	950
PV2R2-33	33.0	38.5	48.1	57.7	210	1800	950
PV2R2-38	38.2	45.8	57.3	68.7	210	1800	950
PV2R2-41	41.3	49.2	61.5	73.8	210		
PV2R2-47	47.2	57.8	71.4	86.7	210	1800	950
PV2R2-52	52.3	62.7	78.4	94.1	210	1800	950
PV2R2-59	60.2	72.7	90.3	108.3	210	1800	950
PV2R2-65	65.3	78.3	97.9	117.5	210	1800	950

TCMC

高壓固定容量單輪葉泵浦

HI-PRES. FIXED DISP. SINGLE VANE PUMPS PV2R3 SERIES



特點：

- 最高壓力測試值，乃以石油基高壓專用油為準。
- 低速啟動時油液最大黏度：
SPEED 750/ 100mm²/cst , SPEED 950/ 100mm²/cst.
- 壓力高於 160kgf/cm²時，轉速須高於1450轉。

FEATURES:

- Test value of maximum pressure is based on petroleum base hydraulic oil.
- Maximum Oil viscosity when operating with low speed:
SPEED 750/ 100mm²/cst , SPEED 950/ 100mm²/cst.
- When the pressure is higher than 160 kgf/cm², the rotation speed should be higher than 1450 rpm.

訂購索引

ORDERING INDEX

PV2R3 - ※ - ※ - ※ ※ ※ - 02

- 設計號碼 Design no.
- 吸入位置 Suction portion
(正視泵浦軸端 View from shaft end)
A: 向上 Upward (規格品 normal) B: 向下 Downward
R: 右邊 Right side L: 左邊 Left side
- 吐出位置 Discharge portion
(正視泵浦軸端 View from shaft end)
A: 向上 Upward (規格品 normal) B: 向下 Downward
R: 右邊 Right side L: 左邊 Left side
- 迴轉方向 Rotating direction
R: 正轉 CW L: 逆轉 CCW
- 安裝方式 Mounting style
F: Flange mounting (法蘭式)
L: Lug mounting (腳座式)
- 正常吐出能力 Normal delivery cap.
PV2R3: 66, 76, 82, 88, 94, 108,
- 系列號碼 Serial no.

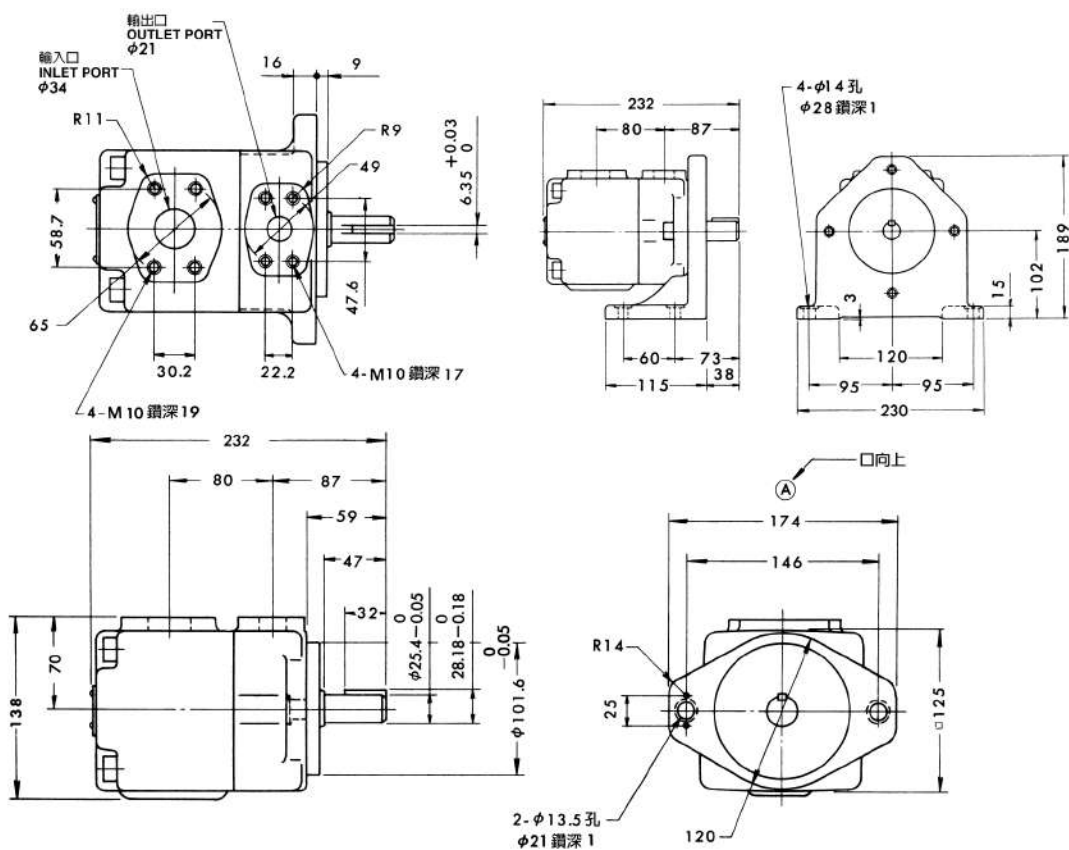
規格

SPECIFICATIONS

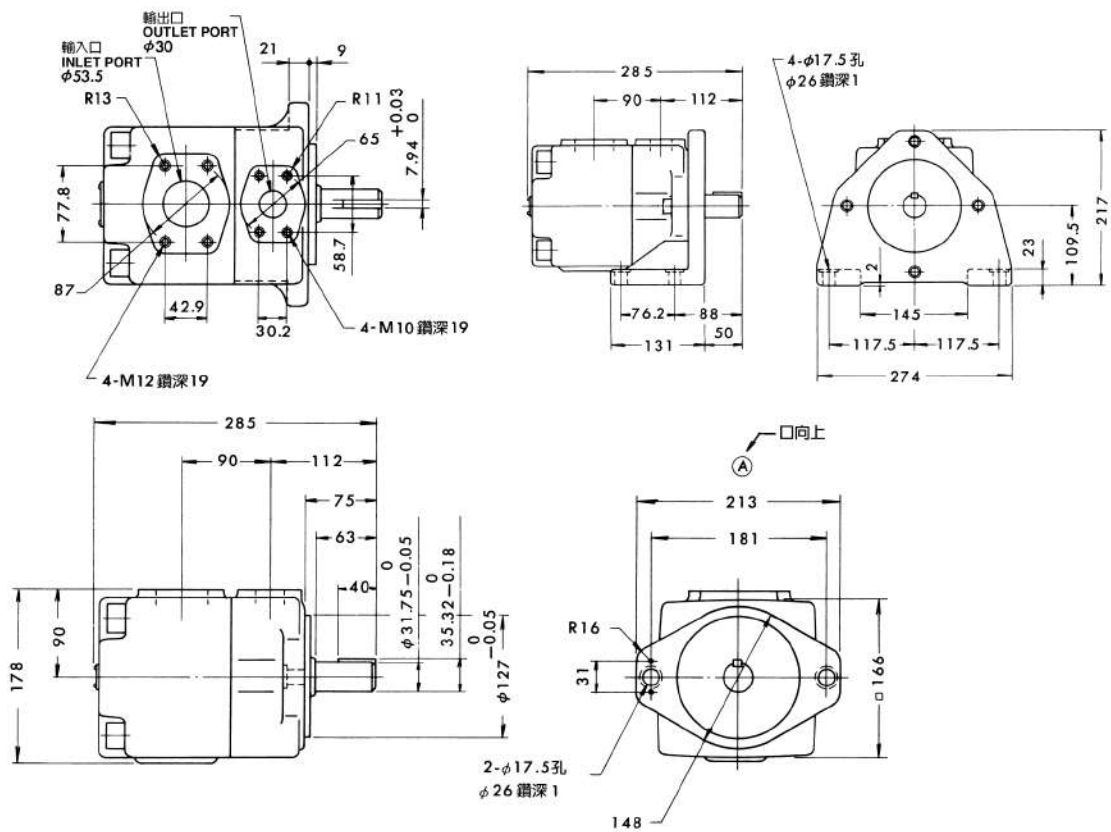
型式 Model	吐出能力 Delivery capacity				最大壓力 Max. pressure (kgf/cm²)	額定速度 Rated speed	
	迴轉速度 (rpm) Running speed					最高 Max.	最低 Min.
	1000	1200	1500	1800			
PV2R3-66	66.4	79.6	99.6	119.5	210	1800	900
PV2R3-76	76.3	91.5	114.4	137.3	210	1800	900
PV2R3-82	82.2	98.6	123.3	147.5	210	1800	900
PV2R3-88	88.3	105.9	132.4	158.9	210	1800	900
PV2R3-94	93.6	113.4	141.7	170.1	210	1800	900
PV2R3-108	108.2	129.8	162.3	194.4	210	1800	900
PV2R3-116	15.6	139.3	174.1	208.9	160	1800	900
PV2R3-126	125.6	149.5	186.9	226	160	1500	900

■ 尺寸圖 DIMENSIONS

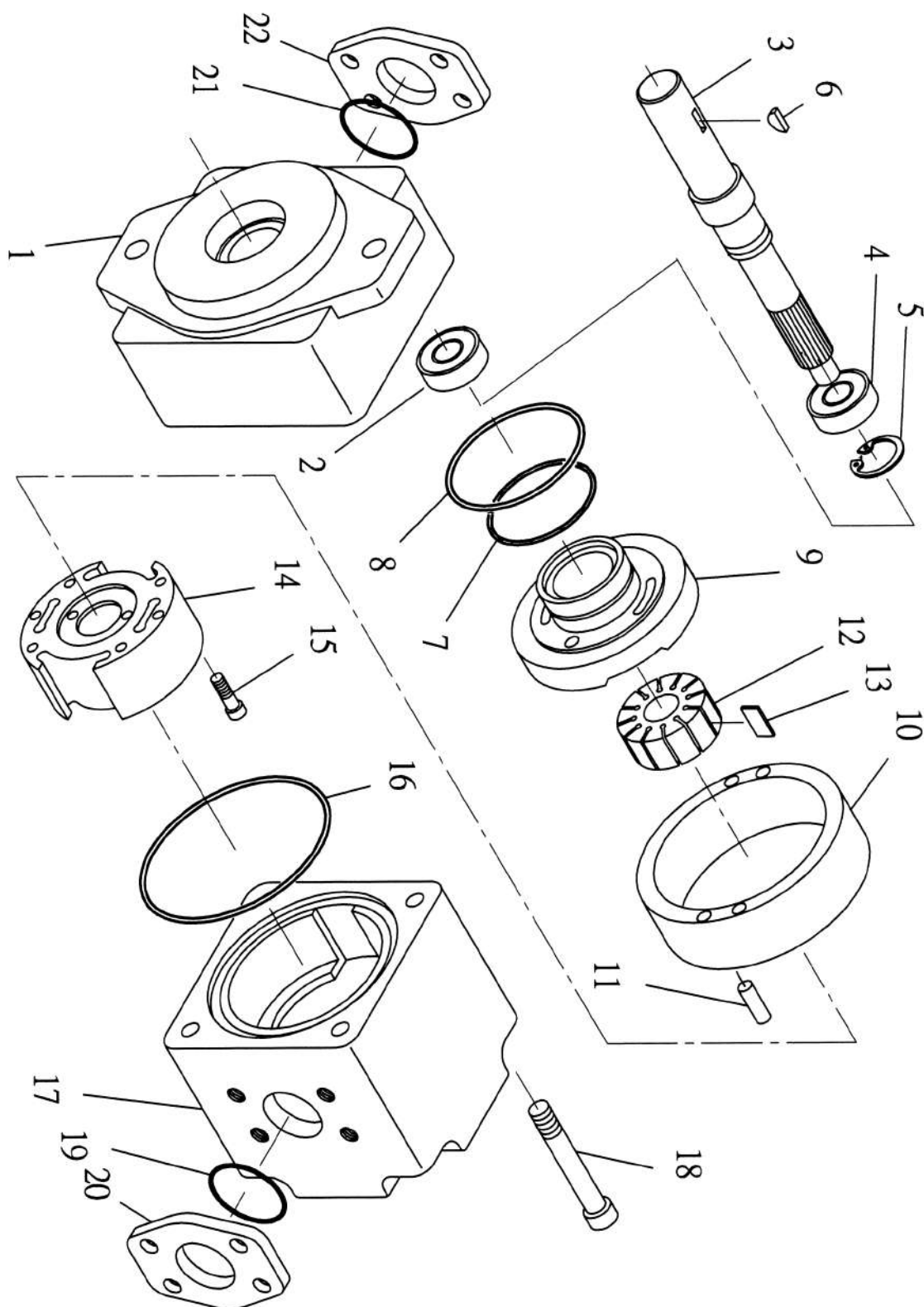
PV2R2



PV2R3



分解圖 / DISASSEMBLY FIG:



零件表

PARTS LIST

(PV2R2/PV2R3)

項目/Item	內容/Description	數量/Q'ty	附註/Remarks
NO. 1	泵本體/Pump housing	1	
NO. 2	油封/Oil seal	1	R2(30x42x8) R3(38x55x10)
NO. 3	軸/Mandrel	1	
NO. 4	軸承/Bearings	1	R2(6205) R3(6207)
NO. 5	扣環/Retainer ring	1	R52
NO. 6	半圓鍵/Woodruff key	1	No. 607
NO. 7	○形環/O ring	1	G30
NO. 8	○形環/O ring	1	P46
NO. 9	前分流套/Front port block	1	
NO. 10	凸輪環/Cam ring	1	
NO. 11	定位梢/Locking pin	2	Ø6.0x45
NO. 12	轉子/Rotor	1	
NO. 13	葉片/Vane	12	
NO. 14	後分流套/Rear port block	1	
NO. 15	六角沉頭螺絲/Countersink hex-screw	2	R2(M5x60) R3(M5x65)
NO. 16	○形環/O ring	1	
NO. 17	後蓋/Rear cover	1	
NO. 18	六角沉頭螺絲/Countersink hex-screw	4	
NO. 19	○形環/O ring	1	
NO. 20	出入口法蘭/Flange	1	
NO. 21	○形環/O ring	1	
NO. 22	出入口法蘭/Flange	1	