

TCMC

高壓固定容量單輪葉泵浦

HI-PRES. FIXED DISP. SINGLE VANE PUMPS PV2R1/VQ15 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

PV2R1 - ※ - ※ - ※ ※ - 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.
PV2R1:6, 8, 11, 14, 17, 19, 23, 26, 31 c. c/rev.
- 系列號碼 Serial no.

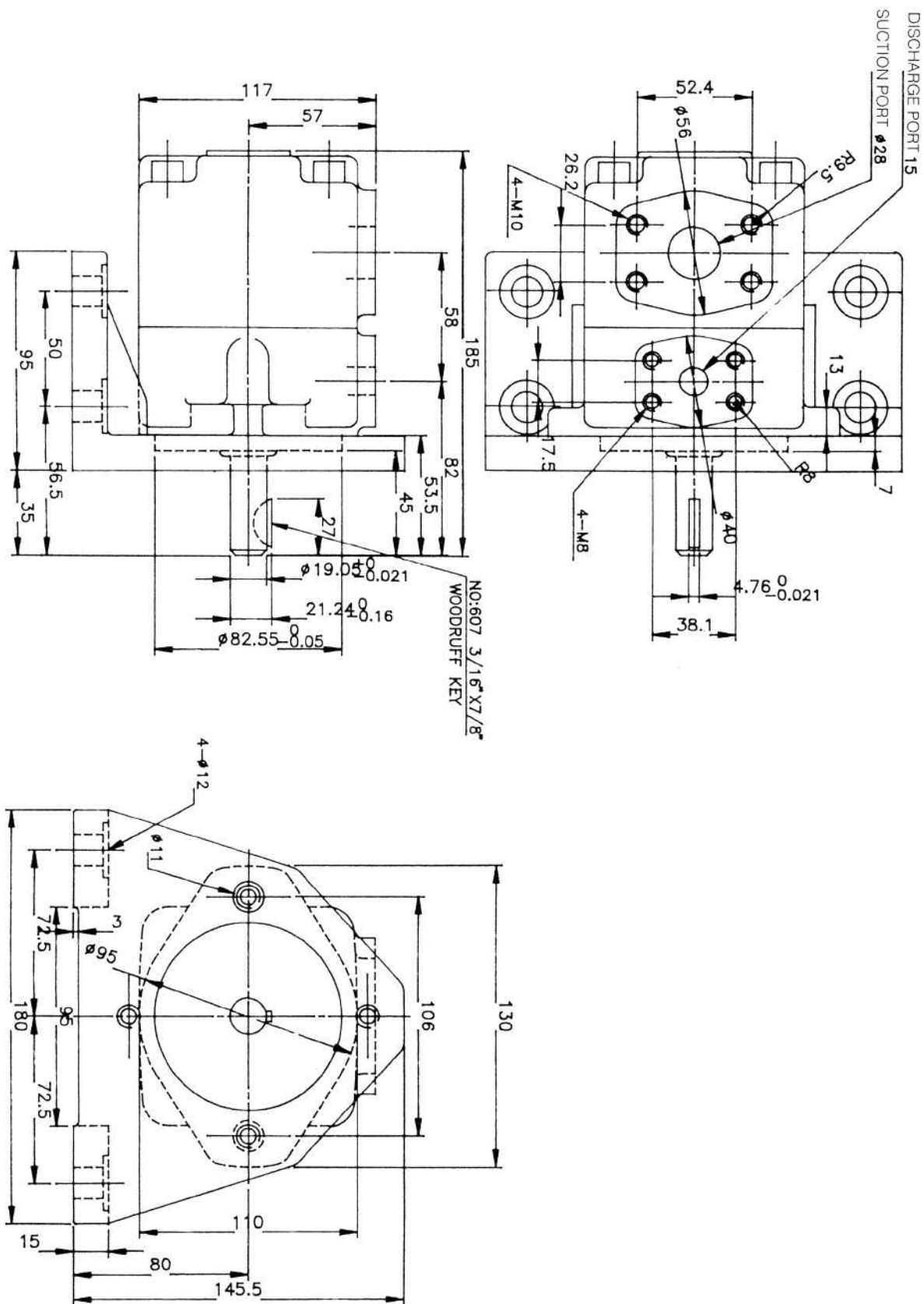
規格

SPECIFICATIONS

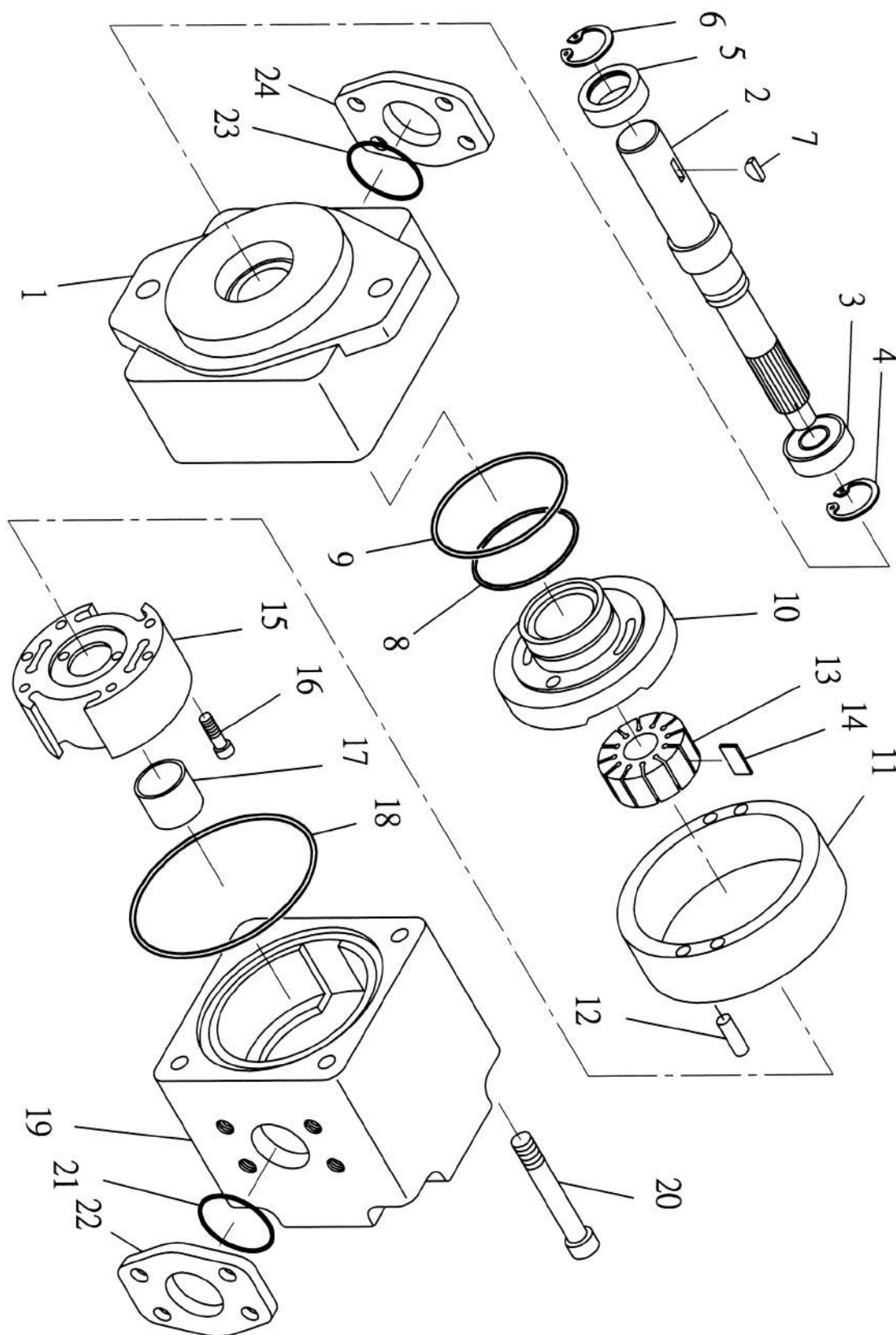
型式 Model	吐出能力 Delivery capacity				最大壓力 Max. pressure (kgf/cm²)	額定速度 Rated speed	
	迴轉速度(rpm) Running speed					最高 Max.	最低 Min.
	1000	1200	1500	1800			
PV2R1-06	6.2	7.4	9.3	11.2	210	1800	1200
PV2R1-08	8.1	9.7	12.1	14.6	210	1800	950
PV2R1-11 /VQ15-11	11.2	13.4	16.8	20.1	210	1800	950
PV2R1-14 /VQ15-14	13.6	17.1	21.5	25.7	210	1800	950
PV2R1-17 /VQ15-17	16.6	20.5	25.6	30.7	210	1800	950
PV2R1-19 /VQ15-19	18.6	23.0	28.8	34.5	210	1800	950
PV2R1-23 /VQ15-23	22.7	27.9	34.9	41.9	210	1800	950
PV2R1-25 /VQ15-25	25.3	31.3	39.1	46.9	210	1800	950
PV2R1-31 /VQ15-31	31.0	37.3	46.6	—	210	1500	950

■ 尺寸圖 DIMENSIONS

PV2R1/VQ15



分解圖 / DISASSEMBLY FIG:



零件表

PARTS LIST

(PV2R1)/(VQ15)

項目/Item	内容/Description	數量/Q'ty	PV2R1 附註/Remarks	VQ15 附註/Remarks
NO. 1	泵本體/Pump housing	1		
NO. 2	軸/Mandrel	1		
NO. 3	軸承/Bearings	1	6004	6204
NO. 4	扣環/Retainer ring	1	S20	S20
NO. 5	油封/Oil seal	1	22x42x11	22x47x8
NO. 6	扣環/Retainer ring	1	R42	R47
NO. 7	半圓鍵/Woodruff key	1	No. 607	No. 607
NO. 8	○形環/O ring	1	G30	P36
NO. 9	○形環/O ring	1	G62	71.5x3.5
NO. 10	前分流套/Front port block	1		
NO. 11	凸輪環/Cam ring	1		
NO. 12	定位梢/Locking pin	2	Ø 6.0x37	Ø 6.0x37
NO. 13	轉子/Rotor	1		
NO. 14	葉片/Vane	12		
NO. 15	後分流套/Rear port block	1		
NO. 16	六角沉頭螺絲/Countersink hex-screw	2	M4x0.7x50	M4x0.7x45
NO. 17	無油軸承/Dry bearings	1	DX 15x15	CB 15x15
NO. 18	○形環/O ring	1	G80	G80
NO. 19	後蓋/Rear cover	1		
NO. 20	六角沉頭螺絲/Countersink hex-screw	4	M10x1.5x80	M10x1.5x80
NO. 21	○形環/O ring	1		
NO. 22	出入口法蘭/Flange	1		
NO. 23	○形環/O ring	1		
NO. 24	出入口法蘭/Flange	1		