

TCMC

可變容量輪葉泵浦

VARIABLE DISPLACEMENT VANE PUMPS

TC6VP-F8, F12, F15, F20



特點：

- 本系列泵浦，操作時嘈音小，運轉滑順，耐摩耗，適於工作母機及專用機使用。
- 溫昇小，馬力損失小，內藏式自動壓力補償設計。

FEATURES:

- This series pump which being with low noise level, running smoothly and wear resistant, Especially, those are very suitable for machine tool & special purpose m/c use.
- Little temp upward & little power lose and designed of auto emerged pressure compensating.

訂購索引

ORDERING INDEX

TC6VP - F ※ - A ※ - 02

設計號碼 Design no.

壓力範圍 Pressure range

1:5~18 bar, 2:15~35 bar

3:30~55 bar, 4:50~70 bar

吐出能力 Delivery capacity at 1800 rpm

1:8L/min, 2:12L/min, 3:15L/min, 4:20L/min

安裝方式 Mounting style

F:Flange mounting(法蘭式)

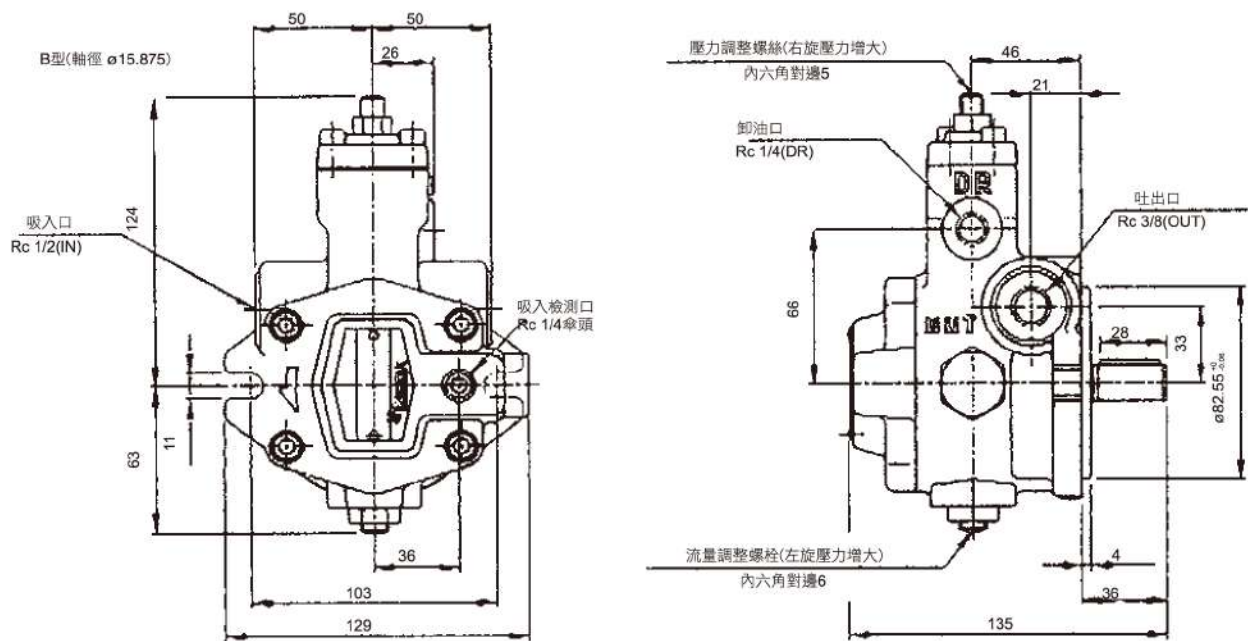
系列號碼 Serial no.

規格

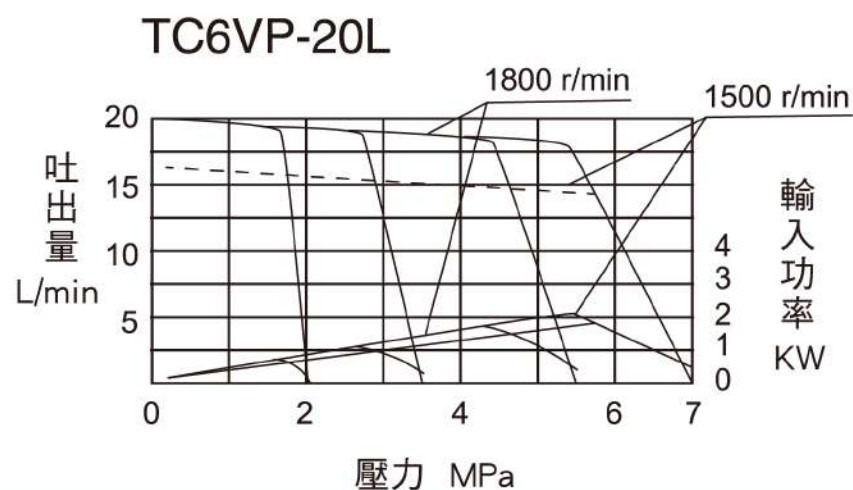
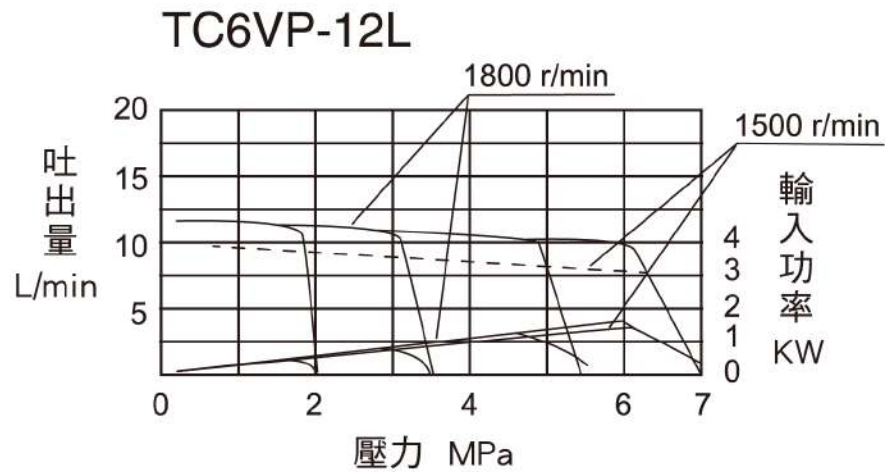
SPECIFICATIONS

型式 Model	吐出能力 Delivery capacity (1800 rpm)	壓力調整範圍 Pressure adj. range	額定速度 Rated speed	
			最高 Max.	最低 Min.
TC6VP-F8	8 l/min	5~18 bar	1800 rpm	800 rpm
TC6VP-F12	12 l/min	15~35 bar		
TC6VP-F15	15 l/min	30~55 bar		
TC6VP-F20	20 l/min	50~70 bar		

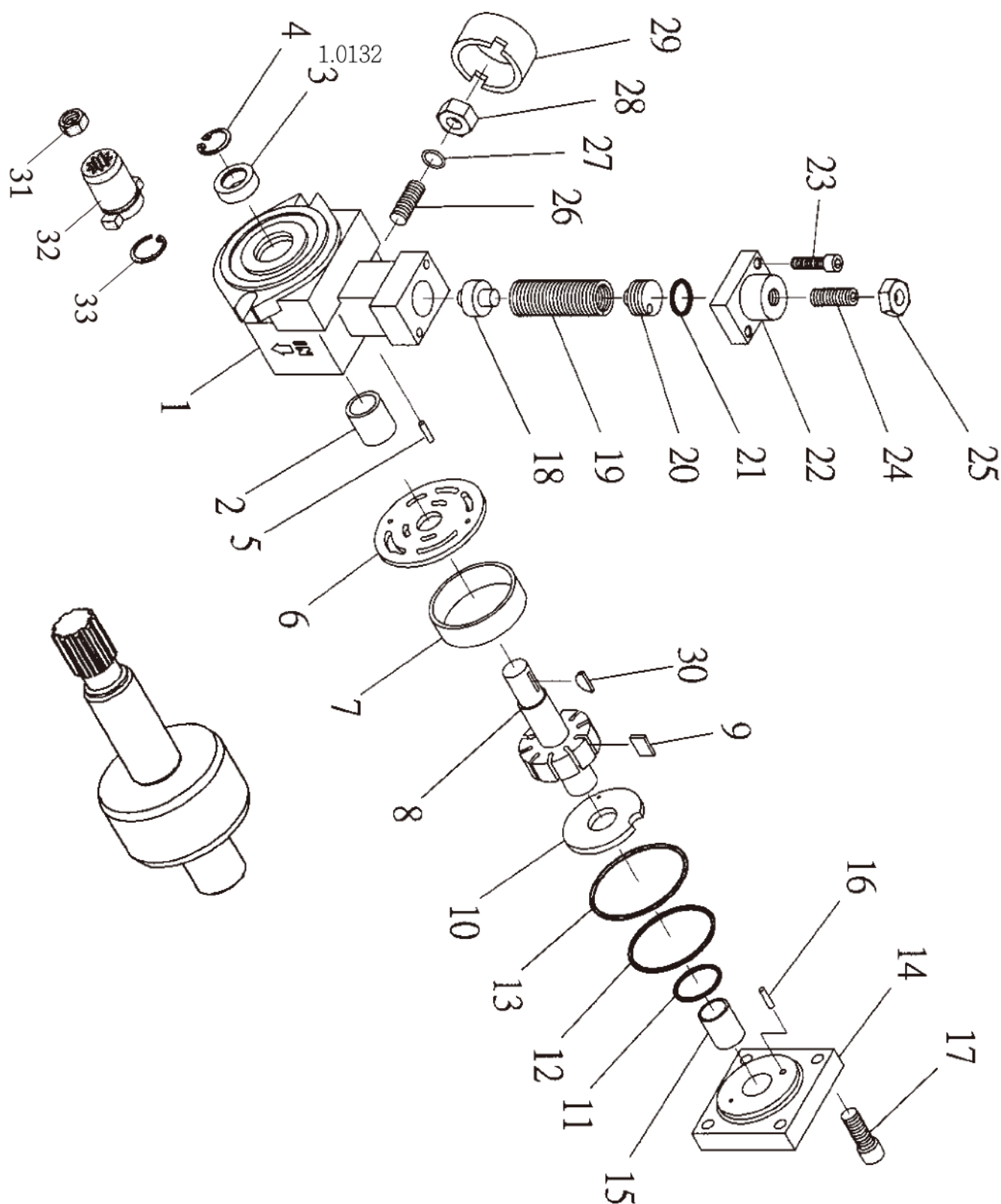
■ 尺寸圖 DIMENSIONS



■ 性能曲線圖 PERFORMANCE CURVE



分解圖 / DISASSEMBLY FIG:



零件表

PARTS LIST (TC6VP-F8/F12/F15/F20)

項目/Item	內容/Description	數量/Q'ty	附註/Remarks
NO.1	泵本體/Pump housing	1	
NO.2	無油軸承/Dry bearings	1	DD17x15
NO.3	油封/Oil seal	1	17x35x7
NO.4	扣環/Retainer ring	1	R35
NO.5	定位梢/Locking pin	2	Ø3.0x8
NO.6	前分流板/Front port plate	1	
NO.7	凸輪環/Cam ring	1	
NO.8	齒輪梅花轉子/Gear-revolver或半圓鍵轉子/Rotor	1	
NO.9	葉片/Vane	13	
NO.10	後分流板/Rear port plate	1	
NO.11	○形環/O ring	1	31.4x27.6x1.9
NO.12	○形環/O ring	1	48.8x45x1.9
NO.13	○形環/O ring	1	75.3x71.3x2
NO.14	端蓋/End cover	1	
NO.15	無油軸承/Dry bearings	1	17x15
NO.16	定位梢/Locking pin	2	Ø3.0x8
NO.17	六角沉頭螺絲/Countersink hex-screw	4	M8x1.25x30
NO.18	雙頭活塞/Twin piston	1	
NO.19	彈簧/Spring	1	
NO.20	單頭活塞/Snap plug	1	
NO.21	○形環/O ring	1	P20
NO.22	上蓋/Top cover	1	
NO.23	六角沉頭螺絲/Countersink hex-screw	2	M6x11x20
NO.24	調整螺栓/Adj. bolt	1	M10x1.5x35
NO.25	螺帽/Screw nut	1	
NO.26	調整螺栓/Adj. bolt	1	M12x1.25x28
NO.27	○形環/O ring	1	P20
NO.28	螺帽/Screw nut	1	
NO.29	帽蓋/Snap cap	1	
NO.30	半圓鍵/Woodruff key	1	No.405
NO.31	六角螺帽	1	M10xP1.5
NO.32	連軸器	1	
NO.33	軸用C型扣環	1	S20