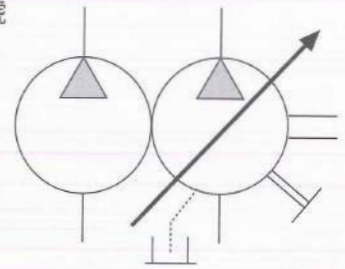


Variable Displacement Vane Pump With Cooling Circulation Pump

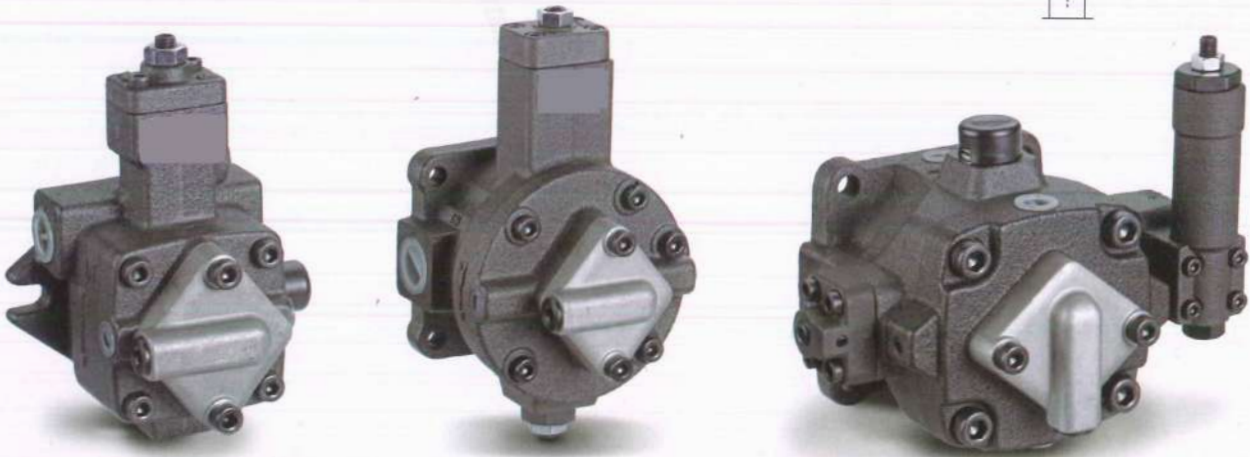
變量葉片泵附循環泵系列

VCM-SF/CG
SM

油壓記號



SYMBOL



型式號碼 / MODEL CODE

VCM - SF - 20 - ※ - 4CG - ※

設計號碼 Design No.

SF

SM

20 : 12, 20L

30 : 30, 40L

30 : 30, 40L

特殊規格參照PAG.2 **8**、**9**項

冷卻循環泵系列 Cooling circulation pump type

4CG(4L/min)

6CG(6L/min)

壓力範圍 Pressure Range

SF

SM

A : 20 kgf/cm²

A : 35 kgf/cm²

B : 35 kgf/cm²

B : 70 kgf/cm²

C : 55 kgf/cm²

C : 105 kgf/cm² (僅有 30L/min)

D : 70 kgf/cm²

D : 140 kgf/cm² (Only 30L/min)

泵流量 Displacement at 1800rpm

12L/min

20L/min

30L/min

40L/min

系列號碼 Series .no.

SF

SM

低壓變量葉片泵

中壓變量葉片泵

葉片泵系列 Variable displacement Vane Pump Series

型式 MODEL	泵流量 (無負荷時) DELIVERY AT NO LOAD (L/min)		壓力調整範圍 PRESSURE ADJ. RANGE (kgf/cm ²)	容許回轉速 SHAFT SPEED RANGE (rpm)		最高壓力 MAX. PRESSURE (kgf/cm ²)	重量 WEIGHT (kg)
	1800rpm	1500rpm		最高 MAX.	最低 MIN.		
SF-12A	12	10	10-20	1800	800	20	5.0
SF-12B			15-35			35	5.0
SF-12C			30-55			55	5.0
SF-12D			50-70			70	5.0
SF-20A	20	17	10-20	1800	800	20	5.0
SF-20B			15-35			35	5.0
SF-20C			30-55			55	5.0
SF-20D			50-70			70	5.0
SF-30A	30	25	10-20	1800	800	20	9.0
SF-30B			15-35			35	9.0
SF-30C			30-55			55	9.0
SF-30D			50-70			70	9.0
SF-40A	40	35	10-20	1800	800	20	9.0
SF-40B			15-35			35	9.0
SF-40C			30-55			55	9.0
SF-40D			50-70			70	9.0
SM-30A	30	25	15-35	1800	800	35	9.7
SM-30B			20-70			70	9.7
SM-30C			50-105			105	9.7
SM-30D			70-140			140	9.7
SM-40A	40	35	15-35	1800	800	35	9.7
SM-40B			20-70			70	9.7

冷卻循環泵 Cooling circulation pump

型式 MODEL	泵流量 (無負荷時) DELIVERY AT NO LOAD (L/min)		壓力調整範圍 PRESSURE ADJ. RANGE (kgf/cm ²)	容許回轉速 SHAFT SPEED RANGE (rpm)	
	1800rpm	1500rpm		最高MAX.	最低MIN.
4CG	4	3	3	1800	800
6CG	6	4			

◎ 產品特性 / CHARACTERISTIC

- 獨一無二的專利連結設計，縮短變量葉片泵和冷卻循環泵長度，體積更小，造型更輕巧。冷卻循環泵吸取油箱內的液壓油，輸送到冷卻系統後回到油箱，不斷循環，有效達到降低油溫的功能。
 - 冷卻循環泵內建壓力設定，輸出壓力保持在 3kgf/cm²，有效保護冷卻系統管路。
 - 經實驗證明，搭配合適的冷卻器，降溫效果比傳統冷卻回油(DRAN)更加明顯。
 - 油箱小型化，節省空間，減少液壓油容量，降低成本。
- Unique and patented attachment design, it reduces overall length and dimension after attached to a variable displacement pump, the entire combination became more compact. This cooling circulation pump intake oil from oil reservoir, deliver to cooling system. It effectively reduced oil temperature under continuous process of circulation.
 - Cooling circulation pump has build-in pressure setting, maintaining pressure at 3 kgf/cm², protect pipeline of cooling system.
 - Rapid testes proven, to combine with proper cooler, it performed better cooling efficiency then cooling variable vane pump's drain by far.
 - By reducing size of reservoir, it could save space and volume of hydraulic oil. At the end, it saved cost.