規 格

型號(進油節流) Model /(Meter in)		HVCF01	HVCF02	HVCF03	HVCF01S
啓流壓力 Cracking pressure	(MPa)	0.04	0.04	0.04	0.04
推薦緊固扭矩 Recommended tightening torque	(N·m)	10	30	35	10
質 量 Mass	(kg)	0.013	0.024	0.038	0.011

型號(出油節流) Model /(Oil outlet throttle)		HVCF01-0	HVCF02-0	HVCF03-0
啓流壓力 Cracking pressure	(MPa)	0.1	0.1	0.1
推薦緊固扭矩 Recommended tightening torque	(N·m)	10	30	35
質 量 Mass	(kg)	0.013	0.024	0.038

使用油壓範圍：1 ~ 7MPa　保證耐壓：10.5MPa　使用環境溫度：0 ~ 70℃

使用流體：普通礦物油基液壓油(相當於 ISO-VG32)

Working pressure range: 1 ~ 7 MPa　Proof pressure: 10.5 MPa　Operating temperature: 0 ~ 70℃

Fluid used: General mineral based hydraulic oil (ISO-VG32 equivalent)

型號表示

HVCF①-②　(例：HVCF02-0)(Example:HVCF02-0)

① 大小 Size

HVCF

01 : G1/8

02 : G1/4

03 : G3/8

01S : G1/8

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无记号：进油节流

主体颜色：银色

O：出油节流

主体颜色：黑色

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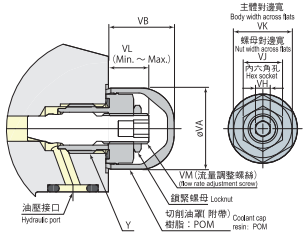
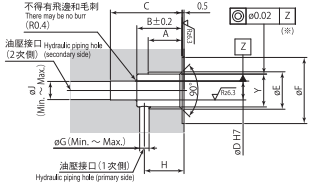


安裝孔加工圖 Mounting details



※：安裝孔加工不當時，可能導致無法安裝或無法調整流量。
（應特別注意 øD 孔加工、Y 部螺紋加工的同軸度。）

※: If there are problems with mounting hole finish, it might not be possible to mount or adjust flow rates (particular care must be taken with the finish of øD hole and concentricity of Y-portion thread process).

外形尺寸表 Dimension table

(mm)

型號/Model	HVCF01 HVCF01-0	HVCF02 HVCF02-0	HVCF03 HVCF03-0	HVCF01S
A	9	13	13	9
B	13	18	19	11
C	17.5	22.5	23.5	15.5
D	$5^{+0.012}_{0}$	$6^{+0.012}_{0}$	$8^{+0.015}_{0}$	$5^{+0.012}_{0}$
E	9.9	13.3	16.8	9.9
F	17.5	21.5	24.5	17.5
G	2.5~3	3.5~5	5~6	1.5~2
H	9.5~11.5	14.5~15.5	15~16	9~10
J	2.5~5	3.5~6	5~8	2.5~5
Y	G1/8	G1/4	G3/8	G1/8
VA	16	21	24	16
VB	13	13	14	13
VH	3	5	6	3
VJ	8	10	14	8
VK	12	17	19	12
VL	7~11	7.5~11.5	8.5~12.5	8~11
VM	M6×0.75	M8×0.75	M10×0.75	M6×0.75

注1. 拆裝時請使用梅花扳手或套筒扳手。
2. 當夾緊器采用座墊式配管時，
流量控制閥可以安裝在油壓接口處（G螺紋部）。
3. 請在無油壓的狀態下進行流量調整。否則會造成密封件損壞。
4. 左圖表示進油節流（HVCF□）的安裝狀態。
5. 出廠時流量調整螺絲爲全打開狀態。夾緊器安裝後要調整爲全閉狀態後一點一點慢慢地調整動作速度。

1. Use a closed wrench or socket wrench for mounting and dismounting.
2. Flow control valve can be mounted on hydraulic port (G port) when manifold piping.
3. Adjust flow rate without hydraulic pressure. Conducting adjustments with hydraulic pressure may result in damaging seal.
4. Diagram above indicates mounting for meter–in (HVCF□).
5. HVCF is shipped with the valve fully open. Adjust the flow rate by loosening the screw after it is tighted up to close the valve.

安裝對照表 Mounting Control table

型號/Model	HVCF01	HVCF02	HVCF03	HVCF01S
旋轉式夾緊器型號(雙動型) Swing clamp (double acting)	HCTU01、02、04、06 HBTU02、04、06	HCTU10、16 HBTU10、16	HCTU25 HBTU25	–
旋轉式夾緊器型號(單動型) Swing clamp (single acting)	HCTT01、02、04、06	HCTT10、16	HCTT25	–
連杆式夾緊器型號(雙動型) Link clamp (double acting)	HBLU02、04、06	HBLU10、16	HBLU25	–

※：工件支撑器僅有進油節流。The workpiece support is only in the oil throttle

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