






技術資料 Technical data

● 介紹及應用 Introduction and application

搬運表面光滑或略微粗糙的平板工件
搬運高溫工件
搬運受壓敏感工件時幾乎無痕跡且抗靜電
(SI系列)

Handling flat workpieces with smooth or slightly rough surfaces
Handling high temperature workpieces
Almost no trace and antistatic when handling pressure-sensitive workpieces (SI series)

● 訂購代號 How to code

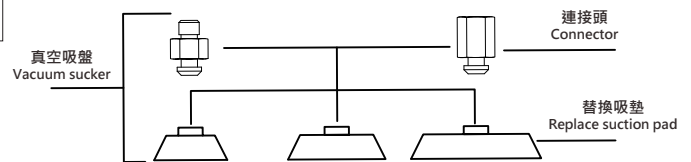
VFU	-	G 1/8	-	EH	-	2	-	NBR
產品代號 Product code		連接牙口 Connect the mouth		螺紋總類 Type of thread		吸盤尺寸 Suction cup size		材 質 Material
		M3 M5 G 1/8 一分 G 1/4 兩分 G1/2 四分		 內螺紋 IH  外螺紋 EH		2 2mm 30 30mm 3 3mm 35 35mm 5 5mm 40 40mm 6 6mm 50 50mm 8 8mm 60 60mm 10 10mm 80 80mm 15 15mm 95 95MM 20 20mm 120 120mm 25 25mm		NBR SI

● 結構 Structure

堅固耐磨的扁平吸盤 VFU 為單密封唇，由吸盤墊和連接頭組成
直徑 50 MM 及以下：直插式接頭
直徑 60 MM 及以上：安裝板與吸盤墊硫化在一起，接頭直接通過螺紋擰入

Strong and durable flat suction cup VFU is a single sealing lip, which is And connector
50 MM and below: Push-in connector
Diameter 60 MM and above: the mounting plate and the suction pad are vulcanized together, The connector is directly screwed in

在同一系列的接頭組合中，替換吸墊和接頭可以根據要求組合
In the same series of connector combinations, replacement suction pads and connectors can be combined as required



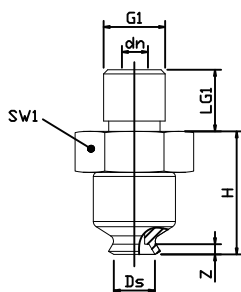
● 標準尺寸資料 Standard size data

VFU-M3-EH-2(NBR)	VFU-G1/8-IH-10(NBR)	VFU-G1/8-EH-40(NBR)	VFU-M3-EH-2(SI)	VFU-G1/8-IH-10(SI)	VFU-G1/8-EH-40(SI)
VFU-M3-EH-3(NBR)	VFU-G1/8-EH-15(NBR)	VFU-G1/8-IH-40(NBR)	VFU-M3-EH-3(SI)	VFU-G1/8-EH-15(SI)	VFU-G1/8-IH-40(SI)
VFU-M5-EH-5(NBR)	VFU-G1/8-IH-15(NBR)	VFU-G1/8-EH-50(NBR)	VFU-M5-EH-5(SI)	VFU-G1/8-IH-15(SI)	VFU-G1/8-EH-50(SI)
VFU-M5-IH-5(NBR)	VFU-G1/8-EH-20(NBR)	VFU-G1/8-IH-50(NBR)	VFU-M5-IH-5(SI)	VFU-G1/8-EH-20(SI)	VFU-G1/8-IH-50(SI)
VFU-M5-EH-6(NBR)	VFU-G1/8-IH-20(NBR)	VFU-G1/4-EH-60(NBR)	VFU-M5-EH-6(SI)	VFU-G1/8-IH-20(SI)	VFU-G1/4-EH-60(SI)
VFU-M5-IH-6(NBR)	VFU-G1/8-EH-25(NBR)	VFU-G1/4-IH-60(NBR)	VFU-M5-IH-6(SI)	VFU-G1/8-EH-25(SI)	VFU-G1/4-IH-60(SI)
VFU-M5-EH-8(NBR)	VFU-G1/8-IH-25(NBR)	VFU-G1/4-EH-80(NBR)	VFU-M5-EH-8(SI)	VFU-G1/8-IH-25(SI)	VFU-G1/4-EH-80(SI)
VFU-M5-IH-8(NBR)	VFU-G1/8-EH-30(NBR)	VFU-G1/4-IH-80(NBR)	VFU-M5-IH-8(SI)	VFU-G1/8-EH-30(SI)	VFU-G1/4-IH-80(SI)
VFU-M5-EH-10(NBR)	VFU-G1/8-IH-30(NBR)	VFU-G1/4-EH-95(NBR)	VFU-M5-EH-10(SI)	VFU-G1/8-IH-30(SI)	VFU-G1/4-EH-95(SI)
VFU-M5-IH-10(NBR)	VFU-G1/8-EH-35(NBR)	VFU-G1/4-IH-95(NBR)	VFU-M5-IH-10(SI)	VFU-G1/8-EH-35(SI)	VFU-G1/4-IH-95(SI)
VFU-G1/8-EH-10(NBR)	VFU-G1/8-IH-35(NBR)	VFU-G1/2-IH-120(NBR)	VFU-G1/8-EH-10(SI)	VFU-G1/8-IH-35(SI)	VFU-G1/2-IH-120(SI)

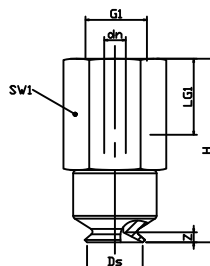
外觀尺寸圖 Dimensions

VFU

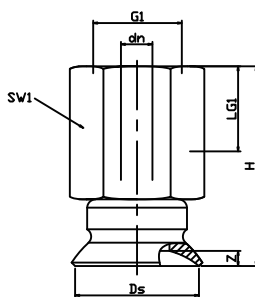
VFU 2 至 10 EH



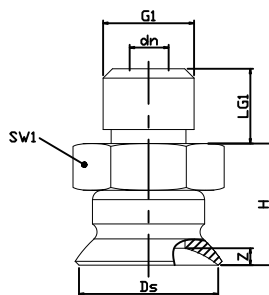
VFU 5 至 10 IH



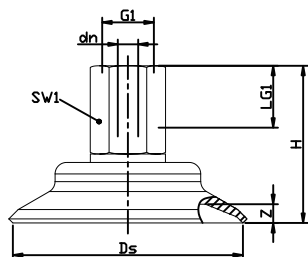
VFU 15 至 50 IH



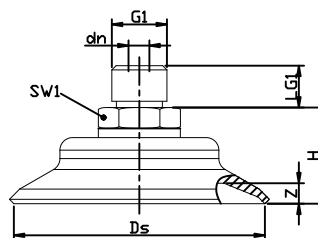
VFU 15 至 50 EH



VFU 60 至 95 IH



VFU 60 至 95 EH

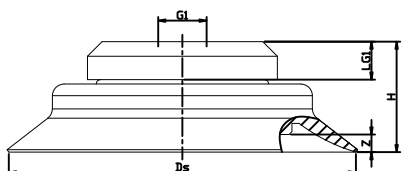


VFU

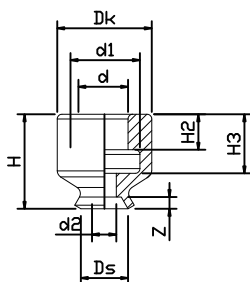
外觀尺寸圖 Dimensions

VFU

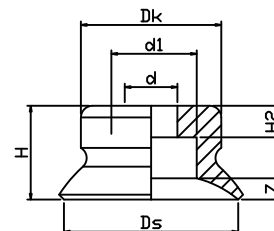
VFU 120 IH



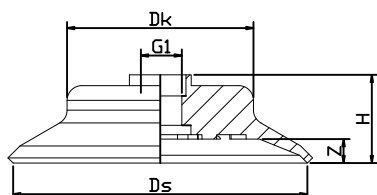
VFU 2 至 10



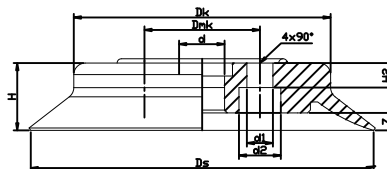
VFU 15 至 50



VFU 60 至 95



VFU 120



VFU

型號 Model	吸力 Suction [N]	內部體積 Internal volume [cm ³]	工件最小曲率 Workpiece minimum radius of curvature	推薦軟管直徑 Recommended hose diameter d[mm]**	接頭系列 Connector Series
VFU 2	0.12	0.001	2	2	S003
VFU 3.5	0.42	0.002	8	2	S003
VFU 5	0.75	0.005	8	2	S004
VFU 6	1.20	0.008	8	2	S004
VFU 8	2.30	0.030	10	2	S004
VFU 10	4.00	0.070	13	2	S004
VFU 15	9.00	0.400	13	4	S005
VFU 20	15.50	0.800	20	4	S006
VFU 25	26.50	1.300	25	4	S007
VFU 30	34.00	1.300	40	4	S007
VFU 35	44.00	2.700	50	4	S007
VFU 40	57.70	3.800	50	4	S007
VFU 50	91.00	7.000	75	4	S008
VFU 60	125.00	10.000	100	6	S009
VFU 80	260.00	25.000	150	6	S009
VFU 95	350.00	35.000	200	6	S009
VFU 120	540.00	77.800	300	9	S010

外觀尺寸圖 Dimensions

VFU

型號 Model	尺寸 Size [mm]							Z(行程)
	dn	Ds	G1	H	LG1	SWL		
VFU-M3-EH-2	1.0	2.0	M3-M	6.0	3.0	5	0.5	
VFU-M3-EH-3.5	1.0	3.5	M3-M	6.0	3.0	5	0.5	
VFU-M5-EH-5	2.0	5.0	M5-M	11.5	4.5	8	0.9	
VFU-M5-IH-5	2.0	5.0	M5-F	16.5	5.5	8	0.9	
VFU-M5-EH-6	2.0	6.0	M5-M	11.5	4.5	8	1.0	
VFU-M5-IH-6	2.0	6.0	M5-F	16.5	5.5	8	1.0	
VFU-M5-EH-8	2.0	8.0	M5-M	12.0	4.5	8	1.4	
VFU-M5-IH-8	2.0	8.0	M5-F	17.0	5.5	8	1.4	
VFU-M5-EH-10	2.0	10.0	M5-M	12.5	4.5	8	1.3	
VFU-M5-IH-10	2.0	10.0	M5-F	17.5	5.5	8	1.3	
VFU-G1/8-EH-10	2.0	10.0	G1/8"-M	12.5	8.0	14	1.3	
VFU-G1/8-IH-10	2.0	10.0	G1/8"-F	23.5	9.0	14	1.3	
VFU-G1/8-EH-15	2.0	15.0	G1/8"-M	13.0	8.0	14	1.9	
VFU-G1/8-IH-15	2.0	15.0	G1/8"-F	24.0	9.0	14	1.9	
VFU-G1/8-EH-20	2.0	20.0	G1/8"-M	15.0	8.0	14	2.3	
VFU-G1/8-IH-20	2.0	20.0	G1/8"-F	26.0	9.0	14	2.3	
VFU-G1/8-EH-25	2.0	25.0	G1/8"-M	19.0	8.0	14	3.0	
VFU-G1/8-IH-25	2.4	25.0	G1/8"-F	30.0	9.0	14	3.0	
VFU-G1/8-EH-30	2.4	28.8	G1/8"-M	17.0	8.0	14	2.0	
VFU-G1/8-IH-30	2.4	28.8	G1/8"-F	28.0	9.0	14	2.0	
VFU-G1/8-EH-35	2.4	35.0	G1/8"-M	19.0	8.0	14	3.0	
VFU-G1/8-IH-35	2.4	35.0	G1/8"-F	30.0	9.0	14	3.0	
VFU-G1/8-EH-40	2.4	40.0	G1/8"-M	19.0	8.0	14	3.5	
VFU-G1/8-IH-40	2.4	40.0	G1/8"-F	30.0	9.0	14	3.5	
VFU-G1/8-EH-50	2.4	50.0	G1/8"-M	20.0	8.0	14	4.0	
VFU-G1/8-IH-50	2.4	50.0	G1/8"-F	31.0	9.0	14	4.0	
VFU-G1/4-EH-60	2.4	60.0	G1/4"-M	23.0	10.0	17	5.0	
VFU-G1/4-IH-60	5.5	60.0	G1/4"-F	39.0	11.0	17	5.0	
VFU-G1/4-EH-80	5.5	80.0	G1/4"-M	25.0	10.0	17	6.0	
VFU-G1/4-IH-80	5.5	80.0	G1/4"-F	41.0	11.0	17	6.0	
VFU-G1/4-EH-95	5.5	95.0	G1/4"-M	25.5	10.0	17	6.0	
VFU-G1/4-IH-95	5.5	95.0	G1/4"-F	41.5	11.0	17	6.0	
VFU-G1/2-IH-120	5.5	120.0	G1/2"-F	36.5	13.0	-	6.0	

型號 Model	尺寸 Size [mm]											Z(行程)
	d	d1	d2	DK	Drk	Ds	G1	H	H2	H3		
VFU 2	2.0	3.0	1.0	4.0	-	2.0	-	4.0	1.5	2.5	0.5	
VFU 3.5	2.0	3.0	1.0	4.0	-	3.5	-	4.0	1.5	2.5	0.5	
VFU 5	4.0	6.0	1.5	7.5	-	5.0	-	6.5	2.0	4.0	0.9	
VFU 6	4.0	6.0	2.0	7.5	-	6.0	-	6.5	2.0	4.0	1.0	
VFU 8	4.0	6.0	2.0	8.0	-	8.0	-	7.0	2.0	4.0	1.4	
VFU 10	4.0	6.0	2.0	8.5	-	10.0	-	7.5	2.6	4.0	1.3	
VFU 15	4.5	7.8	-	12.0	-	15.0	-	8.0	4.5	-	1.9	
VFU 20	4.5	11.0	-	15.0	-	20.0	-	10.0	7.0	-	2.3	
VFU 25	6.0	11.0	-	16.0	-	25.0	-	14.0	7.0	-	3.0	
VFU 30	6.0	11.0	-	14.5	-	28.8	-	12.0	7.0	-	2.0	
VFU 35	6.0	11.0	-	20.5	-	35.0	-	14.0	7.0	-	3.0	
VFU 40	6.0	11.0	-	24.0	-	40.0	-	14.0	7.2	-	3.5	
VFU 50	8.0	20.0	-	28.5	-	50.0	-	15.0	-	-	4.0	
VFU 60	-	-	-	38.5	-	60.0	M10x1.25-F	18.0	-	-	5.0	
VFU 80	-	-	-	52.0	-	80.0	M10x1.25-F	18.0	-	-	6.0	
VFU 95	-	-	-	68.0	-	95.0	M10x1.25-F	19.0	-	-	6.0	
VFU 120	13.5	7.0	14.5	90.0	40	120.0	-	23.5	8.5	-	6.0	