



技術資料 Technical data

● 介紹及應用 Introduction and application

1.5層波紋形狀真空吸盤與工件可完美搭配，
 專門搬運預成型的金屬薄板
 用於快速搬運金屬薄板(短循環週期適用)
 搬運金屬薄板時不會產生凹陷或變形
 用於汽車行業沖壓生產線的搬運系統
 吸盤底部有特殊凹槽結構，可防止油性金屬板
 在搬運過程中滑動，確保工件在壓機裡精確定位

1.5 layers of corrugated vacuum suction cups can perfectly match the workpiece,
 Specially handling pre-formed metal sheets
 Used to quickly move thin metal sheets
 (for short cycle periods)
 No dents or deformations when handling metal sheets
 Handling system for stamping production lines in the automotive industry
 The bottom of the suction cup has a special groove structure to prevent oily metal plates
 Sliding during handling to ensure precise positioning of the workpiece in the press

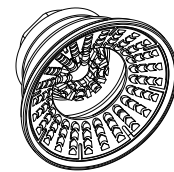
● 結構 Structure

堅固耐磨的1.5層真空吸盤，採用NBR材質，
 單密封唇，有特殊的凹槽設計和內部支撐設計
 真空吸盤和接頭為硫化固定(高強度材質)，
 吸盤有多種連接形式可選
 可供兩種材質硬度供選擇(NBR-45·NBR-60)

Sturdy and wear-resistant 1.5-layer vacuum suction cup,
 made of NBR material,
 Single sealing lip with special groove design and
 internal support design
 Vacuum suction cups and joints are vulcanized and
 fixed (high strength material),
 The suction cup has a variety of connection options
 Available in two materials for hardness (NBR-45, NBR-60)

● 訂購代號 How to code

VAF-1.5	-	G 1/4	-	EH	-	30	-	NBR-60
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
		G 1/4 兩分 G 3/8 三分		 內螺紋 IH 外螺紋 EH		30 30mm 40 40mm 50 50mm 60 60mm 80 80mm 100 100mm		NBR-60



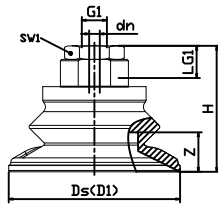
● 標準尺寸資料 Standard size data

VAF-1.5-G1/4-EH-30(NBR-60)	VAF-1.5-G3/8-IH-60(NBR-60)
VAF-1.5-G1/4-EH-40(NBR-60)	VAF-1.5-G3/8-IH-80(NBR-60)
VAF-1.5-G1/4-EH-50(NBR-60)	VAF-1.5-G3/8-IH-100(NBR-60)
VAF-1.5-G1/4-EH-60(NBR-60)	VAF-1.5-G1/4-IH-30(NBR-60)
VAF-1.5-G1/4-EH-80(NBR-60)	VAF-1.5-G1/4-IH-40(NBR-60)
VAF-1.5-G1/4-EH-100(NBR-60)	VAF-1.5-G1/4-IH-50(NBR-60)
VAF-1.5-G3/8-IH-30(NBR-60)	VAF-1.5-G1/4-IH-60(NBR-60)
VAF-1.5-G3/8-IH-40(NBR-60)	VAF-1.5-G1/4-IH-80(NBR-60)
VAF-1.5-G3/8-IH-50(NBR-60)	VAF-1.5-G1/4-IH-100(NBR-60)

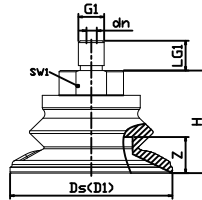
外觀尺寸圖 Dimensions

VAF-1.5

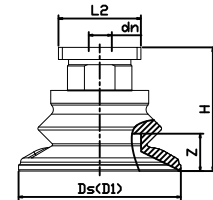
VAF-1.5 30 至 100 IH



VAF-1.5 30 至 100 EH



VAF-1.5 30 至 100 RA(矩形適配器)



型號 Model	吸力 Suction [N]	拉脫力 Pull off force [N]	側向力 lateral force [N]	油性表面側向力 Oily surface lateral force [N]	內部體積 Internal volume [cm ³]	工件最小曲率半徑 Minimum radius of curvature [mm] (凸形)	推薦軟管直徑 Recommended hose diameter d[mm]
VAF-1.5-30(NBR-60)	22	33	30	13	5.9	40	4
VAF-1.5-40(NBR-60)	38	59	36	33	7.0	40	4
VAF-1.5-50(NBR-60)	53	87	55	52	11.5	50	4
VAF-1.5-60(NBR-60)	82	130	82	77	24.0	65	6
VAF-1.5-80(NBR-60)	135	221	145	140	56.5	75	6
VAF-1.5-100(NBR-60)	190	357	220	214	92.5	90	6

型號 Model	尺寸 Size [mm]									
	d1	dn	Ds	G1	H	LG1	L2	SW1	Z(行程)	
VAF-1.5-G1/4-EH-30(NBR-60)	34	4.0	32	G1/4"-M	28.0	10.0	-	17	9.0	
VAF-1.5-G1/4-IH-30(NBR-60)	34	4.0	32	G1/4"-F	28.0	12.0	-	17	9.0	
VAF-1.5-G3/8-IH-30(NBR-60)	34	4.0	32	G3/8"-F	44.0	9.5	-	22	9.0	
VAF-1.5-M10x1.5-EH-30(NBR-60)	34	4.0	32	M10x1.5-M	28.0	12.0	-	17	9.0	
VAF-1.5-M14x1.5-EH-30(NBR-60)	34	4.0	32	M14x1.5-M	28.0	12.0	-	17	9.0	
VAF-1.5-RA-30(NBR-60)	34	4.0	32	-	31.2	-	32	-	9.0	
VAF-1.5-G1/4-EH-40(NBR-60)	45	4.0	42	G1/4"-M	29.0	10.0	-	17	10.0	
VAF-1.5-G1/4-IH-40(NBR-60)	45	4.0	42	G1/4"-F	29.0	12.0	-	17	10.0	
VAF-1.5-G3/8-IH-40(NBR-60)	45	4.0	42	G3/8"-F	44.0	9.5	-	22	10.0	
VAF-1.5-M10x1.5-EH-40(NBR-60)	45	4.0	42	M10x1.5-M	29.0	12.0	-	17	10.0	
VAF-1.5-M14x1.5-EH-40(NBR-60)	45	4.0	42	M14x1.5-M	29.0	12.0	-	17	10.0	
VAF-1.5-RA-40(NBR-60)	45	4.0	42	-	31.2	-	32	-	10.0	
VAF-1.5-G1/4-EH-50(NBR-60)	56	6.0	52	G1/4"-M	37.0	10.0	-	22	11.5	
VAF-1.5-G1/4-IH-50(NBR-60)	56	6.0	52	G1/4"-F	42.0	20.0	-	22	11.5	
VAF-1.5-G3/8-IH-50(NBR-60)	56	6.0	52	G3/8"-F	37.0	15.0	-	22	11.5	
VAF-1.5-M10x1.5-EH-50(NBR-60)	56	4.0	52	M10x1.5-M	37.0	12.0	-	22	11.5	
VAF-1.5-M14x1.5-EH-50(NBR-60)	56	6.0	52	M14x1.5-M	37.0	12.0	-	22	11.5	
VAF-1.5-RA-50(NBR-60)	56	6.0	52	-	36.5	-	32	-	11.5	
VAF-1.5-G1/4-EH-60(NBR-60)	67	6.0	63	G1/4"-M	41.5	10.0	-	22	14.5	
VAF-1.5-G1/4-IH-60(NBR-60)	67	6.0	63	G1/4"-F	46.5	20.0	-	22	14.5	
VAF-1.5-G3/8-IH-60(NBR-60)	67	6.0	63	G3/8"-F	41.5	15.0	-	22	14.5	
VAF-1.5-M10x1.5-EH-60(NBR-60)	67	4.0	63	M10x1.5-M	41.5	12.0	-	22	14.5	
VAF-1.5-M14x1.5-EH-60(NBR-60)	67	6.0	63	M14x1.5-M	41.5	12.0	-	22	14.5	
VAF-1.5-RA-60(NBR-60)	67	6.0	63	-	41.0	-	32	-	14.5	
VAF-1.5-G1/4-EH-80(NBR-60)	89	6.0	83	G1/4"-M	50.0	10.0	-	22	22.0	
VAF-1.5-G1/4-IH-80(NBR-60)	89	6.0	83	G1/4"-F	55.0	20.0	-	22	22.0	
VAF-1.5-G3/8-IH-80(NBR-60)	89	6.0	83	G3/8"-F	50.0	15.0	-	22	22.0	
VAF-1.5-M10x1.5-EH-80(NBR-60)	89	4.0	83	M10x1.5-M	50.0	12.0	-	22	22.0	
VAF-1.5-M14x1.5-EH-80(NBR-60)	89	6.0	83	M14x1.5-M	50.0	12.0	-	22	22.0	
VAF-1.5-RA-80(NBR-60)	89	6.0	83	-	49.5	-	32	-	22.0	
VAF-1.5-G1/4-EH-100(NBR-60)	110	6.0	103	G1/4"-M	57.0	10.0	-	22	26.0	
VAF-1.5-G1/4-IH-100(NBR-60)	110	6.0	103	G1/4"-F	62.0	20.0	-	22	26.0	
VAF-1.5-G3/8-IH-100(NBR-60)	110	6.0	103	G3/8"-F	57.0	15.0	-	22	26.0	
VAF-1.5-M10x1.5-EH-100(NBR-60)	110	4.0	103	M10x1.5-M	57.0	12.0	-	22	26.0	
VAF-1.5-M14x1.5-EH-100(NBR-60)	110	6.0	103	M14x1.5-M	57.0	12.0	-	22	26.0	
VAF-1.5-RA-30(NBR-100)	110	6.0	103	-	56.5	-	32	-	26.0	