



技術資料 Technical data

● 介紹及應用 Introduction and application

搬運吸取平面存在高度差異的工件(如曲面金屬薄板)
搬運對壓力敏感的工件(如玻璃)·確保柔性接觸
應用:對應任何真空吸盤以及場合運用

Handle workpieces with high differences in the suction plane (such as curved metal sheets)
Handling pressure-sensitive parts (such as glass) to ensure flexible contact
Application: Corresponds to any vacuum chuck and application

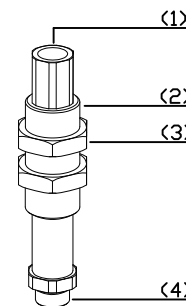
● 結構 Structure

彈簧緩衝支桿上方有連接內螺紋(1)
軸承套筒(2)與高強度不銹鋼桿組裝而成·
外部彈簧組裝(4)讓本體有下位緩衝
(5)連接吸盤的螺紋·外螺紋接頭則有不同的規格
(3)兩個鎖緊螺母用於固定支架

(1)連接內螺紋 (2)軸承套筒 (3)固定螺母
(4)彈簧 (5)連接吸盤的螺紋

Internal thread above spring buffered rod (1)
The bearing sleeve (2) is assembled with a high-strength stainless steel rod.
External spring assembly (4) allows the body to have a lower cushion
(5) The thread of the suction cup, the external thread joint has different specifications
(3) Two lock nuts are used to fix the bracket

(1) Connection female (2) Bearing sleeve (3) Fixing nut
(4) Spring (5) Threads for suction cup



● 訂購代號 How to code

| | | | | | | | | |
|----------------------|---|--|---|------------------------|---|-------------------------------|---|--------------------|
| FSTI | - | G 1/8 | - | EH | - | 15 | - | M16 |
| 產品代號 product code | | 連接牙口 Connect the mouth | | 螺紋總類 Type of thread | | 緩衝距離 Buffer distance | | 固定螺母 Fixing nut |
| | | G 1/8 1分 G 1/4 2分 G 3/8 3分 G 1/2 4分 | | 外螺紋 EH | | 20 20mm 30 30mm 50 50mm | | M16 M18 |

● 標準尺寸資料 Standard size data

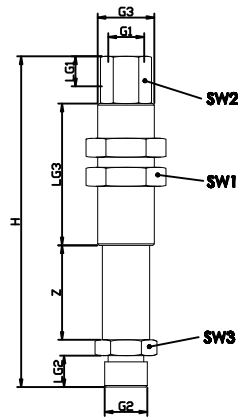
| |
|----------------------|
| FSTI-G1/8-EH-20(M16) |
| FSTI-G1/8-EH-30(M16) |
| FSTI-G1/8-EH-50(M16) |
| FSTI-G1/4-EH-20(M18) |
| FSTI-G1/4-EH-30(M18) |
| FSTI-G1/4-EH-50(M18) |
| FSTI-G3/8-EH-20(M18) |
| FSTI-G3/8-EH-30(M18) |
| FSTI-G3/8-EH-50(M18) |

技術參數 Technical parameter

FSTI系列-技術參數 Technical parameter

| 型號 type | 彈簧負荷率 Spring load rate | 彈簧預應力 Spring prestress | 彈力 elastic force | 垂直負載 Vertical load | 水平負載 Horizontal load | 重量 weight | 工作溫度 Operating temperature |
|----------------------|---------------------------|---------------------------|---------------------|-----------------------|-------------------------|--------------|-------------------------------|
| | N/mm | N | N | N | N | g | °C |
| FSTI-G1/8-EH-20(M16) | 0.11 | 2.2 | 4.5 | 1000 | 700 | 60 | 0...80 |
| FSTI-G1/8-EH-30(M16) | 0.11 | 2.3 | 3.8 | 1000 | 700 | 70 | 0...80 |
| FSTI-G1/8-EH-50(M16) | 0.11 | 2.1 | 3.6 | 1000 | 700 | 90 | 0...80 |
| FSTI-G1/4-EH-20(M18) | 0.26 | 5.2 | 6.8 | 1000 | 700 | 120 | 0...80 |
| FSTI-G1/4-EH-30(M18) | 0.26 | 4.3 | 5.5 | 1000 | 700 | 135 | 0...80 |
| FSTI-G1/4-EH-50(M18) | 0.26 | 3.1 | 4.3 | 1000 | 700 | 170 | 0...80 |
| FSTI-G3/8-EH-20(M18) | 0.26 | 5.2 | 6.8 | 1000 | 700 | 130 | 0...80 |
| FSTI-G3/8-EH-30(M18) | 0.26 | 4.3 | 5.5 | 1000 | 700 | 145 | 0...80 |
| FSTI-G3/8-EH-50(M18) | 0.26 | 3.1 | 4.3 | 1000 | 700 | 180 | 0...80 |

外觀尺寸圖 Dimensions



| 型號 type | 尺寸 size mm | | G3 | H | LG1 | LG2 | LG3 | SW1 | SW2 | SW3 | Z(行程) |
|----------------------|------------|---------|-------|-----|-----|-----|-----|-----|-----|-----|-------|
| | G1 | G2 | | | | | | | | | |
| FSTI-G1/8-EH-20(M16) | G1/8"-F | G1/8"-M | M16X1 | 80 | 10 | 6 | 35 | 20 | 12 | 14 | 20 |
| FSTI-G1/8-EH-30(M16) | G1/8"-F | G1/8"-M | M16X1 | 100 | 10 | 6 | 45 | 20 | 12 | 14 | 30 |
| FSTI-G1/8-EH-50(M16) | G1/8"-F | G1/8"-M | M16X1 | 100 | 10 | 6 | 65 | 20 | 12 | 14 | 50 |
| FSTI-G1/4-EH-20(M18) | G1/8"-F | G1/4"-M | M18X1 | 85 | 12 | 10 | 35 | 22 | 14 | 17 | 20 |
| FSTI-G1/4-EH-30(M18) | G1/8"-F | G1/4"-M | M18X1 | 105 | 12 | 10 | 45 | 22 | 14 | 17 | 30 |
| FSTI-G1/4-EH-50(M18) | G1/8"-F | G1/4"-M | M18X1 | 145 | 12 | 10 | 65 | 22 | 14 | 17 | 50 |
| FSTI-G3/8-EH-20(M18) | G1/8"-F | G3/8"-M | M18X1 | 85 | 12 | 10 | 35 | 22 | 14 | 21 | 20 |
| FSTI-G3/8-EH-30(M18) | G1/8"-F | G3/8"-M | M18X1 | 105 | 12 | 10 | 45 | 22 | 14 | 21 | 30 |
| FSTI-G3/8-EH-50(M18) | G1/8"-F | G3/8"-M | M18X1 | 145 | 12 | 10 | 65 | 22 | 14 | 21 | 50 |