



空氣交絡噴嘴 JA-FAD Type False-Twist Texturing Jet JA-FAD

開放式的設計，掛紗容易，操作簡單。體積小，節省空間。噴節均勻，適合高噴節牢度要求。

主要應用於 DTY 複合加工，適用於各種規格的紗線，包括聚酯纖維(PET)/聚醯胺纖維(NYLON)和陽離子可染纖維(CD)等複合加工製程。

Open type design, very easy for yarn threading.
Minimized volume . Knot uniform, suitable for high node fastness .

This series can be composited with polyester /polyamide/cationic dyeable for DTY applications.



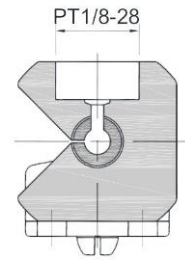
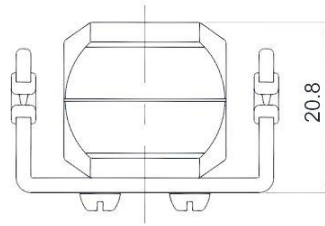
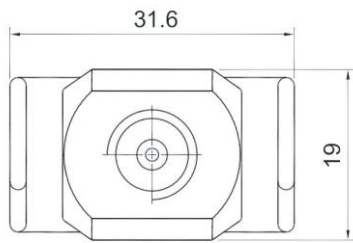
I .規格

Specifications

Air jet number	Air hole diameter (mm)	Channel diameter (mm)	Count range denier
JA-FAD-1020	1.0	2.0	30~100
JA-FAD-1220	1.2	2.0	75~150
JA-FAD-1320	1.3	2.0	100~250
JA-FAD-1330	1.3	3.0	100~250
JA-FAD-1430	1.4	3.0	125~300
JA-FAD-1435	1.4	3.5	125~300
JA-FAD-1440	1.4	4.0	125~300
JA-FAD-1530	1.5	3.0	150~350
JA-FAD-1635	1.6	3.5	175~450
JA-FAD-1640	1.6	4.0	175~450
JA-FAD-1735	1.7	3.5	200~550
JA-FAD-1740	1.7	4.0	200~550
JA-FAD-1835	1.8	3.5	225~650
JA-FAD-1840	1.8	4.0	225~650
JA-FAD-2045	2.0	4.5	300~750

II. 噴嘴尺寸

Jet dimensions



III. 噴嘴空氣耗氣量

Jet air consumption

計算公式：

$$\text{耗氣量} = d^2 \times 0.46571 \times (p+1)$$

q_{vn} ：空氣消耗量 (m^3/h)

d ：噴嘴孔徑 (mm)

p ：使用的空氣壓力 (kg/cm^2)

對壓縮空氣的要求：

- 最大壓力波動 $\pm 0.1 \text{ kg}/\text{cm}^2$
- 溫度(Tem) $25^\circ\text{C} \pm 5^\circ\text{C}$
- 相對濕度(RH%) $< 40\%$
- 最大含油率： $0.1 \text{ mg}/\text{m}^3$
- 最大殘餘微粒：
 - 顆粒大小 $1 \mu\text{m}$
 - 顆粒密度 $1 \text{ mg}/\text{m}^3$

Air consumption :

$$q_{vn} = d^2 \times 0.46571 \times (p+1)$$

q_{vn} ：Air consumption (m^3/h)

d ：Air hole diameter (mm)

p ：Air pressure (kg/cm^2)

Compressed air requirements

- Air pressure fluctuations max : $\pm 0.1 \text{ kg}/\text{cm}^2$
- Temperature: $25^\circ\text{C} \pm 5^\circ\text{C}$
- Relative Humidity(RH%) $< 40\%$
- Max residual oil: $0.1 \text{ mg}/\text{m}^3$
- Max residual particles:
 - Particles size $1 \mu\text{m}$
 - Particles density $1 \text{ mg}/\text{m}^3$