HEBERLEIN® SLIDEJET-DT15-2.

AIR INTERLACING IN DRAW-TWISTING/WINDING.

LOWEST AIR CONSUMPTION FOR THE INTERLACING OF FLAT YARNS.

The SlideJet-DT15-2 is used high quality manufacturing and processing of flat yarns. The jet is a modular construction consisting of a quick release housing which works with an array of different inserts which are easily exchanged. A range of jet inserts enables processing of all yarn types from very fine to coarse yarns.

Air interlacing

Individual filaments are intermingled using a stream of compressed air. The resulting interlacing knots provide the required yarn compaction. This in turn leads to higher processing speeds, to an improved package build and reduced occurrence of broken filaments and yarn breaks in the downstream processes.

Features and Benefits

- **Cost effective; uses the lowest air consumption of any model**
- **Significant improvements to the jet operation**
- **New cutting edge technology jet plates for improved interlacing**
- **Push button mechanism for easy locking and unlocking from housings**
- **No screws; the jet plates connect to the slider with a bayonet locking**
- **Old and new jet plates are compatible in the old and new housings**
- **Easy to identify jet plates via colour coded sliders**
- **The ceramic jet core provides hard-wearing, long-lasting use**
- **Simple to maintain and clean**

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Saurer Components, Switzerland
becomes
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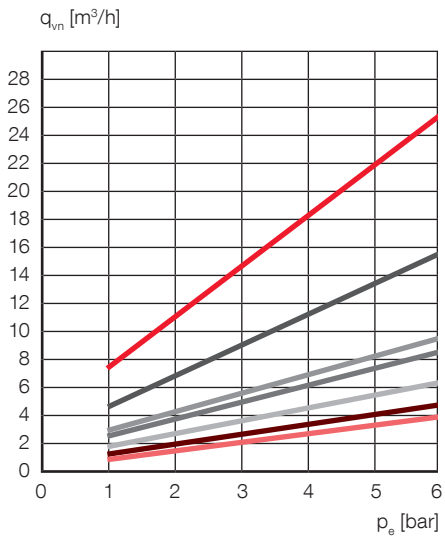
Heberlein® SlideJet-DT15-2

Technical Data

Jet plates	Ø-Air channel [mm]	Count [1] [dtex] Knit and weft yarns	Count [1] [dtex] Warp yarns	Single filament count [1] [dtex]	Formula for air consumption q_{vn} [m³/h]	Interlacing knots [1] [FP/m]	Length of interlacing knots [1]	Interlacing stability [1]
Normal interlacing and microfilament yarns								
P132-2	1.1	- 167	- 110	- 3.5	0.562 (p_e+1)	- 75	short	weak
P133-2	1.2	- 220	- 167	- 4.0	0.689 (p_e+1)	- 70	short	weak
P231-2	1.4	- 330	- 230	- 4.5	0.918 (p_e+1)	- 60	medium	medium
P232-2	1.7	- 660	- 400	- 6.0	1.343 (p_e+1)	- 50	medium	medium
P331-2	2.2	- 1200	- 900	- 7.0	2.250 (p_e+1)	30 - 45	long	medium
P431-2	2.8	- 2400	- 1600	- 12.0	3.644 (p_e+1)	30 - 40	long	medium
High interlacing stability at higher processing speeds								
P235-2	1.4	- 330	- 230	- 4.5	0.918 (p_e+1)	- 70	medium	high
P236-2	1.6	- 520	- 350	- 5.5	1.189 (p_e+1)	- 65	medium	high

[1] Values for guidance: depend on the feeder yarn properties, the machine settings and the thread guides (den = 0.9 x dtex)

Air consumption

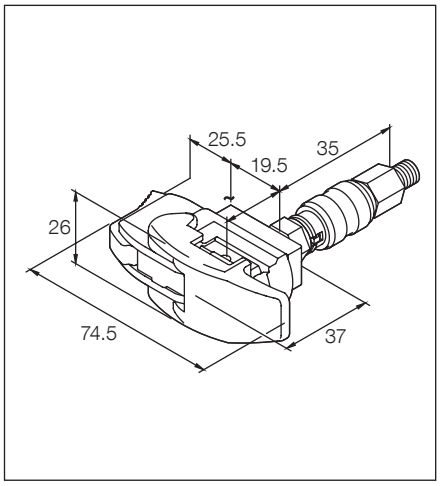


- P431
- P331
- P232
- P236
- P231, P235
- P133
- P132

p_e = gauge pressure [bar]
q_{vn} = air consumption [m³/h]*
psi = 14.7 x bar
CFM = 0.588 x m³/h

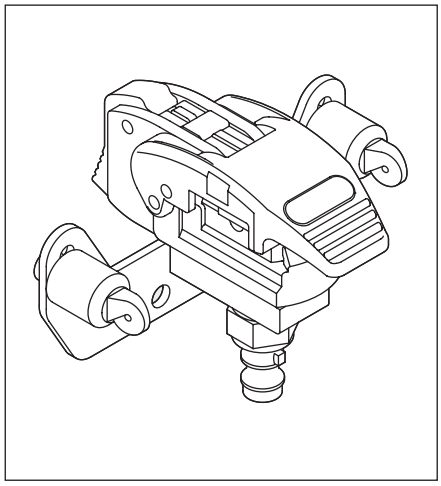
* In the normal condition as per DIN 1343:
standard temperature = 0 °C
standard pressure = 1.01325 bar

Dimensions and weight



SlideJet-DT15-2, weight 180 g
(without nipples), dimensions in mm

Various arrangements



SlideJet-DT15-2 with yarn guides

Compressed air requirements

Air pressure (gauge): 1.0 - max. 6.0 bar
- Max. residual oil: 0.1 mg/m³ (class 2*)
- Max. residual particles: (class 2*)
  - Particle size 1 µm
  - Particle density 1 mg/m³
- Max. residual water: (class 5*)
  - Residual water 7.732 g/m³
  - Dew point + 7 °C

* According to DIN ISO 8573-1