

# HEBERLEIN® FIBREJET MIGRA.

## SPIN FINISH MIGRATION FOR FILAMENT SPINNING.

### SPIN FINISH MIGRATION OF SYNTHETIC CONTINUOUS FILAMENT YARNS.

The FibreJet Migra is used in the spinning process for spin-finish migration of textile, technical and BCF (Bulked Continuous Filament) yarns.

#### Air migration

A migration jet generates a uniform, sparse distribution of the spin finish. It produces an intermingling of the filaments without interlacing knots. This leads to smoother downstream processing, improved process stability and fewer quality faults.

#### FibreJet-SP Migra

The FibreJet-SP Migra is used for all textile yarns up to 350 dtex in the jet.

#### FibreJet-TG Migra

The FibreJet-TG Migra is used for technical filament up to 5 000 dtex and approx. 8 000 dtex for BCF yarns in the jet.



#### Features and Benefits

- ▶ Durability even under extreme conditions, due to a robust, corrosion resistant housing
- ▶ Special jet housing protects high grade ceramic jet core
- ▶ High yarn quality due to low friction ceramic parts
- ▶ Easy to use due to the open design with secure retention of the yarn
- ▶ High functionality, long life and a robust design for consistent results

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**HEBERLEIN AG**

# Heberlein® FibreJet Migra

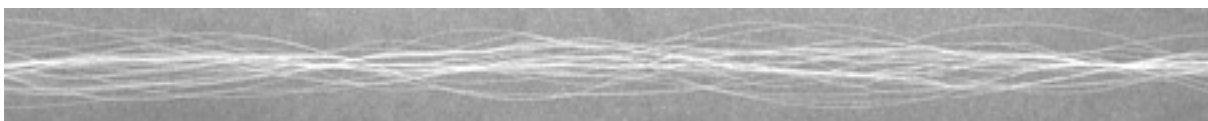
## Technical Data

Type	Yarn Count in jet <sup>1</sup>		Winding speed <sup>1</sup> [m/min]		Gauge pressure $p_e$ [bar]	Air usage $q_{vn}$ <sup>2</sup> per yarn channel [m <sup>3</sup> /h]	Threadline spacing [mm]
	Flat	BCF	Flat yarns	BCF yarns			
SP Migra 13.0	- 350	---	~ 7500	---	0.5 - 2.0	0.786 ( $p_e+1$ )	12
TG Migra 32.0	- 5 000	- 8000	~ 7500	~ 5000	0.5 - 2.0	4.759 ( $p_e+1$ )	20

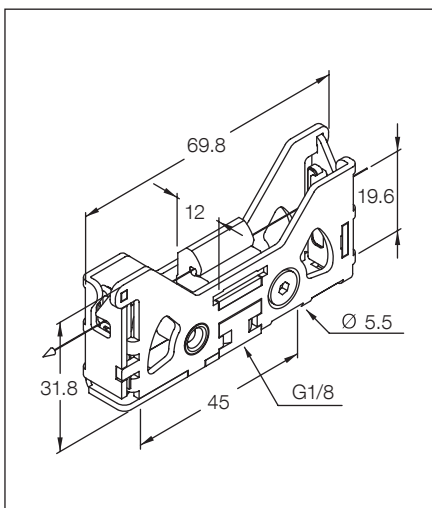
<sup>1</sup> Indicative values: Depending on the properties of the feeder yarn, the machine settings and yarn guides (den = 0.9 x dtex)

<sup>2</sup> According to standard DIN 1343: Temperature = 0 °C; Pressure = 1.01325 bar; Relative Humidity = 0 %  
(1 cubic meter = 1.293 kg; psi = 14.7 x bar; CFM = 0.588 x m<sup>3</sup>/h).

## Yarn Characteristics (in a water bath)

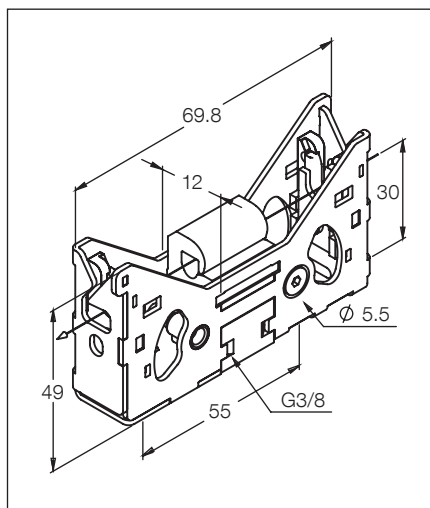


## Dimensions and weight



FibreJet-SP Migra (Weight 56g).  
Dimensions in mm.

## Dimensions and weight



FibreJet-TG Migra (Weight 144 g).  
Dimensions in mm.

## Compressed air requirements

- Max. residual oil: 0.1 mg/m<sup>3</sup> (class 2\*)
- Max. residual particles: (class 2\*)
  - Particle size 1 µm
  - Particle density 1 mg/m<sup>3</sup>
- Max. residual water: (class 5\*)
  - Residual water 7.732 g/m<sup>3</sup>
  - Dew point + 7 °C

\* According to DIN ISO 8573-1