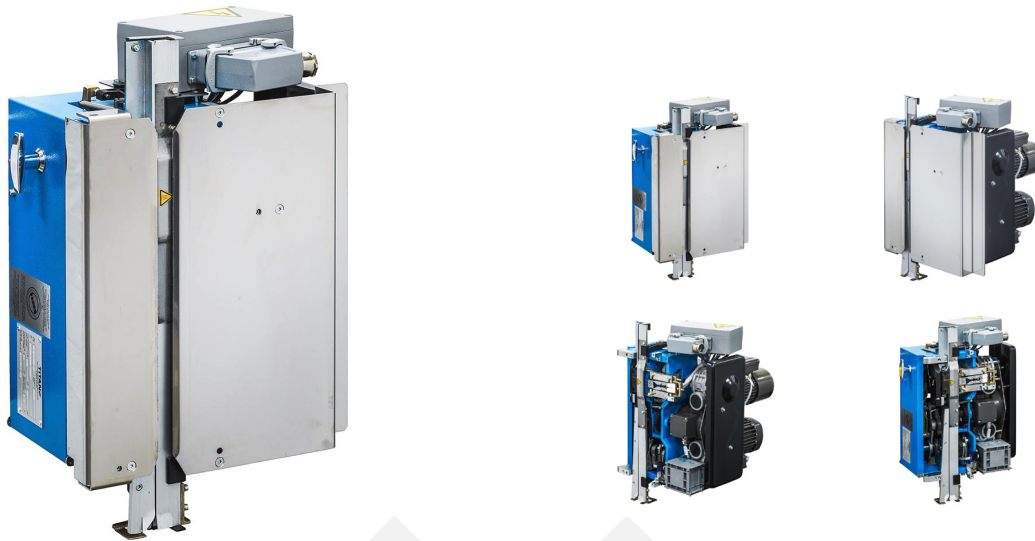


# VK10-K100-19



## Would you like to have it one size bigger?

Many things characterise VK10 heads by TITAN. A powerful argument is the wide range of products offering the right solution for each intended use of polyester strap.

The VK10-K100-19 is the third of the series. The larger brother of the sub-type VK10-K50-13 and VK10-K85-16 further increases performance. In plain language this means: higher strap tension for larger packages such as slit coils, pipes and profiles.

The minimum contact surface is 100 mm. This head is suitable for a strap width from 16 to 19 mm at a maximum thickness of 1.23 mm.

The VK10-100-19 has proven its durability in practical use worldwide.

## Technical Data

|                       |   |
|-----------------------|---|
| Kind of drive         | Electric  |
| Tension force         | max. 3,200 N (depending on strap)   |
| Mains voltage         | 400 V AC / 50 Hz  |
| Control voltage       | 24 V DC   |
| Connected load        | 0.9 kW  |
| Current consumption   | 4 A   |
| Strap conveying speed | approx. 2.5 m/s (depending on strap thickness)<br>approx. 4,5 m/s (depending on strap thickness) - optional<br>approx. 8.2 ft/s (depending on strap thickness)<br>approx. 14.8 ft/s (depending on strap thickness) - optional |
| Dimensions            | 453 x 640 x 450 mm (L x W x H)<br>17.8 x 25.2 x 17.7" (L x W x H)   |
| Weight                | 80 kg 176.4 lb  |

## Strap/Joint

|   |   |
|---|---|
| Type of strap   | Plastic strap   |
| Strap   | PP<br>PET   |
| Strap width   | 16 mm<br>5/8"<br>16, 19 mm<br>5/8" ; 3/4"   |
| Strap thickness   | 0.75 - 1.35 mm<br>0.030 - 0.053"<br>0.7 - 1.35 mm<br>0.028 - 0.053"                   |
| Kind of seal  | Thermo-weld joint   |
| Sealing strength (depending on strap quality, strap dimensions) | up to 60% of the strap breaking load<br>(depending on the use of the heating control) |

## Minimum bearing area

|                     |                  |
|---------------------|------------------|
| Expansive package   | 90 mm 3.5"       |
| Slit coil ring      | 100 mm 3.9"      |
| Hexagon pipe bundle | 110 mm 4.3"      |
| Round package       | Ø 500 mm Ø 19.7" |

## Application

Coil strapping of small packages like coils, slit coils, pipes, wire, etc. with high strap tension and material strength

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