

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) approx. 4,5 m/s (depending on strap thickness) - optional approx. 8.2 ft/s (depending on strap thickness) approx. 14.8 ft/s (depending on strap thickness) - optional
Dimensions	453 x 640 x 450 mm (L x W x H) 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 PET
Strap width	16 mm 5/8" 16, 19 mm 5/8" ; 3/4"
Strap thickness	0.75 - 1.35 mm 0.030 - 0.053" 0.7 - 1.35 mm 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 (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

