

KÖSTER Peristaltic Pump

Technical guideline /Article number

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Electrical pump for conveying and spraying liquid and pasty, mineral-, water-, or bitumen based materials

Features

The KÖSTER Peristaltic Pump transports the material in a manner in which the mechanical moving parts do not come into contact with the material.

Due to the low pressures created in the pump and hoses the wear to the pump is minimized.

The KÖSTER Peristaltic pump runs on normal outlet power and cannot run dry.

Technical data

Drive system	direct drive
Motor	alternating current motor
Iso class	230 V / 2.25 A / 50 Hz or 110 V / 2.25 A / 60 Hz
Power requirement	550 W
rpm	1400
Efficiency	Cos = 0.98

Operating data

Motor rpm	220
Working temperature	approx. + 20° C
Gearing	1 : 6.3
Torque	15.5 Nm
Pump capacity	approx. 8 l / m
Working pressure	0 to 15 bar
Weight (with carriage)	approx. 35 kg
Hose length	Max. 40 m with 3 x 2.5 mm ²

Use only with a 30 mA ground fault current protection switch or with a Portable Residual Current Device, (PRCD).

When using this pump for spraying we suggest a compressor with at least a 300 l / min. air capacity.

Field of application

For spraying liquid and pasty, mineral-, water-, or bitumen based materials such as 1 and 2 component polymer modified bitumen thick film sealants, elastic and rigid waterproofing slurries, liquid membranes, and mortars.

Equipment components

The basic equipment delivered with the KÖSTER Peristaltic pump includes:

- 30 l material hopper
- Pump hose (nominal diameter 25 mm x 10 m with Geka coupling connection)
- Spray head with three different nozzle sizes
- Cable remote On / Off switch
- Cleaning accessories



The information contained in this technical data sheet is based on the results of our research and on our practical experience in the field. All given test data are average values which have been obtained under defined conditions. The proper and thereby effective and successful application of our products is not subject to our control. The installer is responsible for the correct application under consideration of the specific conditions of the construction site and for the final results of the construction process. This may require adjustments to the recommendations given here for standard cases. Specifications made by our employees or representatives which exceed the specifications contained in this technical guideline require written confirmation. The valid standards for testing and installation, technical guidelines, and acknowledged rules of technology have to be adhered to at all times. The warranty can and is therefore only applied to the quality of our products within the scope of our terms and conditions, not however, for their effective and successful application. This guideline has been technically revised; all previous versions are invalid.