

TWISTER

...like a hurricane!



The EWI professional one

D 4 - 3
14 l/min

The universal one

D 6 - 3
20 l/min

The quick-soft one

D 5 - 2,5
22 l/min

The fast one

D 7 - 2,5
25 l/min

The lime-cement professional one

D 8 - 2
32 l/min

The floor professional one

D 8 - 1,5
35 l/min

PFT



The TWiSTER - Overview of advantages



MAINTENANCE-FREE

...ready to go - after installation immediately fit for use

Preset tension enables the use immediately.



LOW OPERATION TEMPERATURE

...gets "cool" to work

Rubbing causes heat and that influences the rubber of the stator negatively. Therefore it is important to reduce the heat in the stator through a suitable rubber compound and a fast heat dissipation.



PRESSURE ROBUST

...withstands every pressure

The constant rubber wall thickness of the stator guarantees a consistent rubber demand and a continuous output over a wide pressure range.



LONG LIFETIME

...runs and runs and runs

The rotor with the highest resistance to wear in the market with extremely high chrome-/carbide share. Through hardened full material guarantees the high wear resistance also after a long run time.

1 Steel edges support the rubber and act against a deformation of the geometry under pressure.

Provide the pressure stability and a long lifetime.

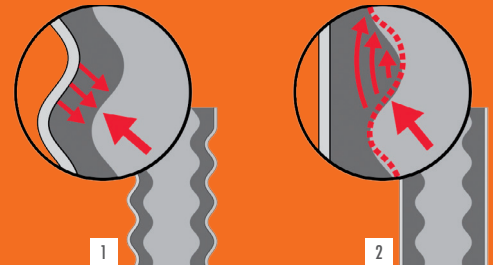
2 A smaller wall thickness and a larger surface lead the stator heat off. **The lower temperature in the stator increases the lifetime.**

3 The antirotation lock provides security and serves as assembly aid.



PRESSURE STABILITY

TWiSTER perfect curves put the correct pressure



1 TWiSTER construction form

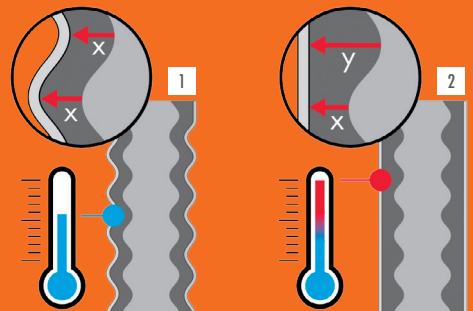
Steel flanks support the rubber and prevent deformation under pressure.

2 Cylindrical construction form

Deformation in the rubber leads to increased wear and reduces faster the pressure stability = holding pressure in the chambers, it comes to reflux in the stator.

OPERATING TEMPERATURE

Rubbing causes heat and that influences the rubber of the stator negatively. Therefore it is important that the heat in the stator will be reduced by a suitable rubber compound and a rapid heat removal.



1 TWiSTER construction form

Lower wall thickness and larger surface better discharge the heat in the stator.

2 Cylindrical construction form

Irregular rubber thicknesses prevent a rapid heat removal.



Knauf PFT GmbH & Co. KG
Einersheimer Straße 53
97346 Iphofen
Germany

Phone +49 9323 31 - 760
Fax +49 9323 31 - 770
www.pft.net

PFT - ALWAYS AT YOUR SITE



www.youtube.com/knaufpftEN