



Prüfinstitut für
Abwassertechnik
GmbH

PERFORMANCE RESULTS

Kingspan Environmental Limited
College Road North, Aylesbury, HP22 5EW UK

EN 12566-3, Annex B
"Small wastewater treatment systems for up to 50 PT"

Small wastewater treatment system BioDisc
Rotating disc unit with one reed bed

Nominal organic daily load	0.29	kg BSB ₅ /d	
Nominal hydraulic daily load	1.20	m ³ /d	
Material	glass reinforced plastic (GRP)		
Treatment efficiency (nominal sequences)		Efficiency	Effluent
	COD	93.0 %	39 mg/l
	BOD ₅	98.0 %	4 mg/l
	SS	98.2 %	6 mg/l
	NH ₄ -N*	88.4 %	3.8 mg/l
	N _{tot} *	61.2 %	18 mg/l
	P _{tot}	51.7 %	3.8 mg/l
Electrical consumption	1.3	kWh/d	

* determined for temperatures $\geq 12^{\circ}\text{C}$ in the bioreactor.

Performance tested by:

PIA – Prüfinstitut für Abwassertechnik GmbH
(PIA GmbH)
Hergenrather Weg 30
D-52074 Aachen

This document replaces neither the declaration
of conformity nor the CE marking



Notified Body
Nr.: 1739



Certified according to
ISO 9001:2008



Deutsche
Akkreditierungsstelle
D-PL-17712-01-00

Prüfinstitut für Abwassertechnik GmbH
geprüft - tested - testé

Elmar Lancé

October 2013