

PERFORMANCE RESULTS

Kingspan Environmental Ltd.
College Road North, HP22 5EW, Aylesbury
United Kingdom

EN 12566-3
"Small wastewater treatment system for up to 50 PT"

Small wastewater treatment system BioDisc®
Rotating biological contractor

Nominal organic daily load	0.29	kg BOD ₅ /d	
Nominal hydraulic daily load	1.2	m ³ /d	
Material	glass reinforced plastic (GRP)		
Watertightness (water test)	pass		
Crushing resistance (vertical load test)	pass (also wet conditions)		
Treatment efficiency (nominal sequences)		Efficiency	Effluent
	COD	89.4 %	59 mg/l
	BOD ₅	95.7 %	10 mg/l
	NH ₄ -N	88.6 %	3.8 mg/l
	SS	94.8 %	15 mg/l
Electrical consumption	1.3	kWh/d	

Performance tested by:

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

Certified according to
ISO 9001:2008
Notified Body number: 1739



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

Prüfinstitut für Abwassertechnik GmbH
[Signature]
geprüft - tested - teste

Elmar Lancé

May 2013