

# 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 <sub>5</sub> /d	
Nominal hydraulic daily load	1.2	m <sup>3</sup> /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 <sub>5</sub>	95.7 %	10 mg/l
	NH <sub>4</sub> -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.

Elmar Lancé

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