

Checklist for MBBR-Applications.

Activation-, N-, DN-tanks.

Data and basic conditions

Waste water properties	<input type="checkbox"/> Municipal <input type="checkbox"/> Industry	Installation	<input type="checkbox"/> New construction <input type="checkbox"/> Refitting
Dry solids content	_____ %	Calculation relevant filling level	_____ m
Sludge volume index	_____ ml/g	Calculation relevant tank volume	_____ m ³
Density	_____ kg/m ³	Tank geometry, inflows and outflows acc. to drawing/sketch	
Temperature	_____ °C	Tank material	<input type="checkbox"/> Concrete <input type="checkbox"/> Steel
pH-value	_____	Mixer operation	_____ h/year
Type designation and size of the carriers	_____	Energy costs	_____ €/kWh
Density of the carriers	_____ kg/m ³	Selection procedure	<input type="checkbox"/> Energy optimized <input type="checkbox"/> Invest optimized
Percentage of carriers	_____ %		

Aeration

<input checked="" type="checkbox"/> No	Type of ground aeration	_____	
<input type="checkbox"/> Yes, simultaneous	Surface covered by aeration	_____ m ²	
<input type="checkbox"/> Yes, but discontinuous	Distance tank ground to top edge of aerators	_____ m	
Duration of aeration	_____ h/d	Number of aeration fields at distances between the fields > 2 m	_____ pcs
Aeration intervals	_____ d		
Air quantity under standard conditions			
min.	_____ m ³ /s		
normal	_____ m ³ /s		
max.	_____ m ³ /s		

Technical Data

- Voltage _____ V
- Frequency 50 Hz
 60 Hz
- Ex-Approval Yes
 No
- Type of starting Direct
 Frequency transformer
 Soft starting
 Star delta
- Temperature control Bimetal sensor
 Cold type thermistors (PTC)
- Leakage control _____
- Length of power cable _____ m
- Corrosion protection 2 component polymer coating (Ceram C0)
 2 component high solid coating

Sketch:

Please send the completely filled checklist to:

WILO SE, Werk Hof
Group Competence Team Wastewater Treatment
Heimgartenstraße 1-3, 95030 Hof/Saale, T +49 (0)9281 974-540, ctwwt@wilo.com

Project-/Request number: _____

Company: _____

Name: _____

Street: _____

Postcode / Town: _____

Phone: _____

E-Mail: _____