





JUNG PUMPEN OVERVIEW

CENTRIFUGAL SUBMERSIBLE SEWAGE PUMPS



MULTICUT CUTTING SYSTEM

 <ul style="list-style-type: none"> • Effluent with solid or long-fibre additions • Faeces-containing effluent • Domestic effluent without faeces • Mechanically cleaned effluent 	MultiCut DN 32 For backpressure protection of single dwellings	<ul style="list-style-type: none"> • 2800 min⁻¹ • H max 18 m • Q max 18 m³/h
	MultiCut DN 32 Stationary use in pressure drainage systems for the disposal of sprawled areas or single dwellings	<ul style="list-style-type: none"> • 2800 min⁻¹ • H max 55 m • Q max 20 m³/h

MULTISTREAM SINGLE CHANNEL IMPELLER

 <ul style="list-style-type: none"> • Fibres - and solids-containing effluent • Combined wastewater • Raw effluent • Raw sludge • Rainwater 	MultiStream DN 65 To be used for drainage applications or in case of floodings, e.g. in civil protection	<ul style="list-style-type: none"> • 2800 min⁻¹ • 40 mm Free passage • H max 27 m • Q max 70 m³/h
	MultiStream DN 80 / DN 100 In communal and industrial pump stations with high delivery heads	<ul style="list-style-type: none"> • 2800 min⁻¹ • 70 mm Free passage • H max 64 m • Q max 280 m³/h
	MultiStream DN 80 / DN 100 In communal and industrial pump stations and in rain storage reservoirs	<ul style="list-style-type: none"> • 1400 min⁻¹ • 70 mm Free passage • H max 22 m • Q max 190 m³/h
	MultiStream DN 100 / DN 150 / DN 200 In communal and industrial pump stations with high flow rates and in rain storage reservoirs	<ul style="list-style-type: none"> • 1400 min⁻¹ • 100 mm Free passage • H max 35 m • Q max 540 m³/h

MULTIFREE VORTEX IMPELLER

 <ul style="list-style-type: none"> • Fibre and solids containing effluents with long-fibre additions prone to matting • Effluent with abrasive admixtures • Liquids containing trapped gas and air • Surface water • Mixed waste-water • Raw effluent • Raw sludge • Rain water 	MultiFree DN 65 Stationary use in pressure drainage systems and in domestic and commercial drainage systems	<ul style="list-style-type: none"> • 2800 min⁻¹ • 65 mm free passage • H max 21 m • Q max 70 m³/h
	MultiFree DN 80 In communal and industrial pump stations with high flow rates and in rain storage reservoirs	<ul style="list-style-type: none"> • 2800 min⁻¹ • 80 mm free passage • H max 17,5 m • Q max 80 m³/h
	MultiFree DN 80 In communal and industrial pump stations with high flow rates and in rain storage reservoirs	<ul style="list-style-type: none"> • 1400 min⁻¹ • 80 mm free passage • H max 12,5 m • Q max 115 m³/h
	MultiFree DN 100 In communal and industrial pump stations with high flow rates and in rain storage reservoirs	<ul style="list-style-type: none"> • 1400 min⁻¹ • 100 mm free passage • H max 16 m • Q max 168 m³/h


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NOMENCLATURE OF SEWAGE PUMPS

Example MultiCut
MultiCut 25 /2 M E
① ② ③ ⑤ ⑥

Example MultiStream/MultiFree
MultiFree 55 /4 6 CW2, Ex
① ② ③ ④ ⑤ ⑦

① Type	Description			
	Multicut MultiStream MultiFree			
② Motor rating	Description 08 10 15 20 25 35 36 55 75 76 100 150 200 230 300	Performance ~ 0,8 kW ~ 1,0 kW ~ 1,5 kW ~ 2,4 kW ~ 2,6 kW ~ 3,5 kW ~ 3,6 kW ~ 5,5 kW ~ 7,5 kW ~ 7,6 kW ~ 10,0 kW ~ 15,0 kW ~ 20,0 kW ~ 23,0 kW ~ 30,0 kW		
③ Number of poles	Description 2 4	RPM 2800 min ⁻¹ 1450 min ⁻¹		
④ Frequency	- 6	50 Hz 60 Hz		
⑤ Impeller + Construction	Description M A1 / A2 B1 / B2 / B3 / B4 / B5 B6 C1 / C5 / C6 C2 / C3 / C4 C7 AW BW1 CW1 / CW2	Impeller MultiCut Single channel impeller Single channel impeller Single channel impeller Single channel impeller Single channel impeller Single channel impeller Single channel impeller Vortex impeller Vortex impeller Vortex impeller		
⑥ Type of current	E ES	1-phase 1-phase with built-in level control		
⑦ Construction	Ex	with Ex-proof		