



TSURUMI PUMP

50GP 3-phase
50Hz

Sewage pump with cutter mechanism
wet-well and dry-well installation, IE3 premium
efficiency motor, moisture sensor

Open multi-vane channel impeller with cutting mechanism. This construction ensures that fibrous foreign matter is cut up and sewage is transferred without clogging.





Cutting mechanism

Open multi-vane channel impeller with cutting mechanism, consisting off a stationary cutting ring and a rotating knife.

Entrained particles are crushed in a matter of seconds, piping diameters of DN50 are suitable. Minimization of material costs and costs for relocation.

The kind of solids as well as the maximum free-passageneed to be considered carefully when choosing the pump. For support, please contact Tsurumi (Europe) GmbH or your local Tsurumi-dealer



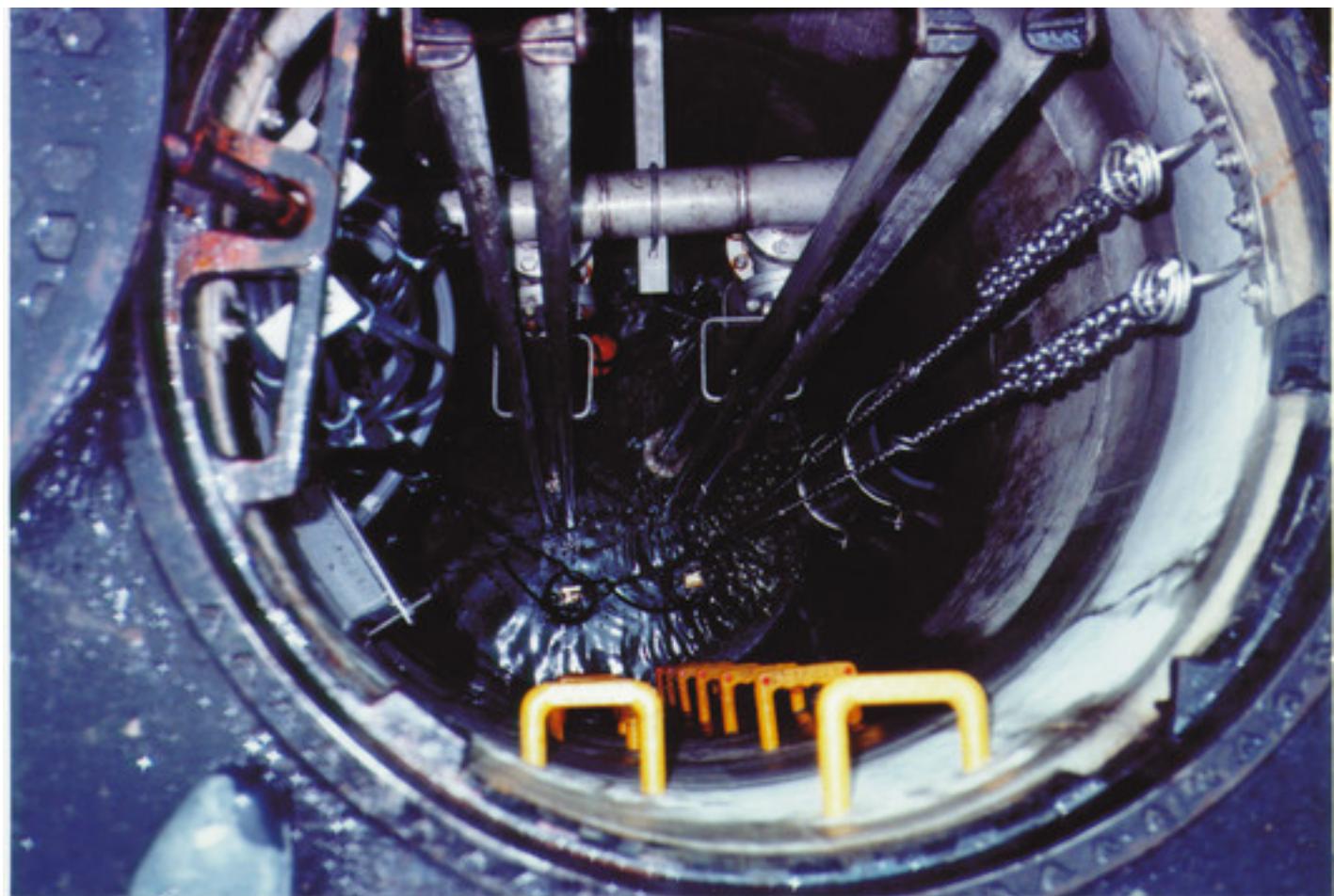
Optional Accessories:

- duck-foot for guide rails:
 - guide support
 - duck foot
- Bend
- Stand set for free-standing version



Available options

- Explosion proof version
- Oil sensor
- Motor version start-delta-start
- All pumps can be operated with soft-starter and frequency-converter



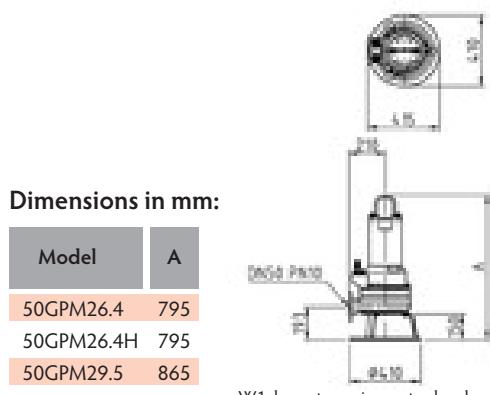
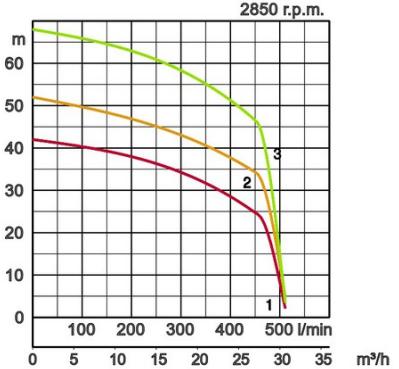
Specifications:

Model	free standing	with guide rail fitting	Colour code curve	Bore mm	Power output kW	Phases	r.p.m.	Head max. m	Capacity max. l/min	Dry weight kg without cable	
										free standing	with guide rail fitting
50GPM26.4	TOS50GYM26.4	1	50	6,4	3	2850	42,0	510	star/delta	108,0	104,0
50GPM26.4H	TOS50GYM26.4H	2	50	6,4	3	2850	52,0	510	star/delta	108,0	104,0
50GPM29.5	TOS50GYM29.5	3	50	9,5	3	2850	68,0	510	star/delta	111,0	107,0



ø Discharge bore mm		50mm		
Pumping Fluid		Municipal sewage		
Temperature		0-40°C		
Pump	Components	Impeller	Multi-vane channel impeller with cutting mechanism	
		Shaft Seal	Double mechanical seal	
		Bearings	Shielded ball bearings	
	Material	Impeller	Grey iron casting EN-GJL-250	
		Casing	Grey iron casting EN-GJL-250	
		Shaft Seal	SiC, upper in oil bath	
		Cutting device	Stainless steel EN-X39CrMo17-1	
Motor	Lubrication			
	Turbine oil (ISO VG32)			
	Motor Protector (built-in)			
	Miniature protector			
	Insulation			
	Insulation class H			
	Phase / Voltage			
3-phase / 400V / 50Hz / s.d.				
Type, Poles		Induction motor, 2 poles, IP68		
Material	Casing	Grey iron casting EN-GJL-250		
		Shaft	Stainless steel EN-X5CrNiMo17-12-2	
		Cable	Rubber, 10m H07RN8-F	
Discharge Connection				
Flange DIN/ANSI DN50 (PN10)				
Optional Accessories				
Guide rail fitting "TOS" (guide support, duck foot bend, lifting chain) / Bend and stand set for free standing types				

2850 r.p.m.



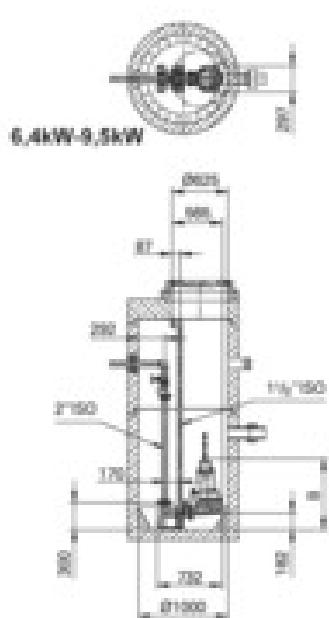
Dimensions in mm:

Model	A
50GPM26.4	795
50GPM26.4H	795
50GPM29.5	865

W1: lowest running water level

Dimensions - guide rail fitting type in mm:

Model	B
50GPM26.4	815
50GPM26.4H	815
50GPM29.5	885



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We reserve the right to change specifications and designs herein for improvement without prior notice. Our pumps are for professional use only. In the event that Tsurumi (Europe) GmbH have, in exceptional cases taken over, a manufacturer's warranty, this entitles the enduser to assert remedy free of charge against Tsurumi (Europe) GmbH due to any defect to the product occurring during the guarantee period (see below), also then when the warranty claims against the seller do not or no longer exist. In the event of malfunction, which is attributable to the improper handling by the enduser, no guarantee claim shall arise. Further claims shall not result from the warranty, unless if something to the contrary has explicitly been determined. The decision as to whether remedy is effected by way of replacement or repair shall be at the choice of Tsurumi (Europe) GmbH. The claims shall be time barred after a period of three months after expiry of the guarantee period, however, not before expiry of the warranty period which is valid towards the seller. In the event of doubt, the warranty period shall correspond with the warranty period which is valid between the end-user and his seller.

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