



UT 1-phase
3-phase
50Hz

Sewage pump with vortex impeller

The UT pump features a vortex (eddy flow) structure and wide pump casing interior, preventing clogging by waste and solid matter.





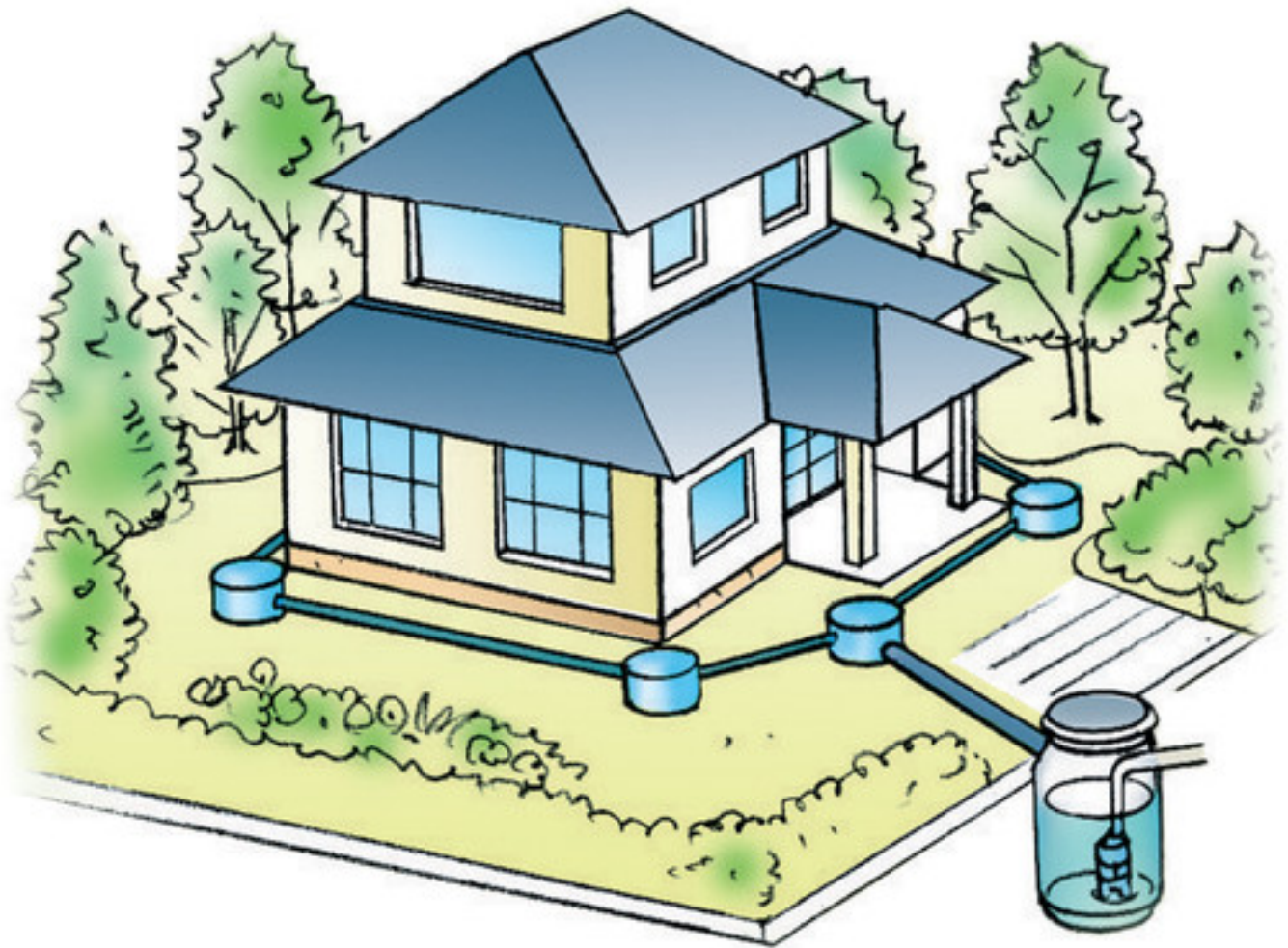
Vortex Impeller



This impeller is used mainly to avoid clogging or wear by large or stringy solids in the water. It accelerates part of the water to great speed, and this speed is used to smoothly move all the water from inlet to outlet.

Optional Accessories:

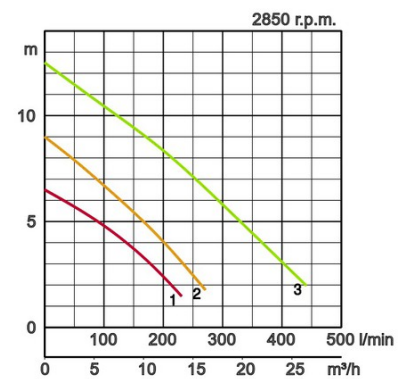
- TOK4-A guide rail fitting for small pumps:
 - Guide support / Guide hook
 - Duck foot bend
 - Lifting chain



Specifications:

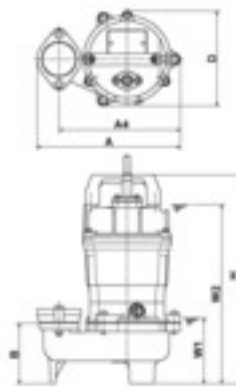
Model		Colour code curve	Bore mm	Power output kW	Phases	r.p.m.	Head max. m	Capacity max. l/min	Starting method	Dry weight kg without cable		Impeller passage mm	
free standing	with guide rail fitting									free standing	with guide rail fitting		
40UT2.25	optional		1	40	0,25	3	2850	6,5	230	direct	13,5	-	35
40UT2.25S	optional			40	0,25	1	2850	6,5	230	direct	14,0	-	35
50UT2.4	optional		2	50	0,4	3	2850	9,0	270	direct	13,5	-	35
50UT2.4S	optional			50	0,4	1	2850	9,0	270	direct	14,0	-	35
50UT2.75	optional		3	50	0,75	3	2850	12,5	440	direct	16,0	-	35
50UT2.75S	optional			50	0,75	1	2850	12,5	440	direct	17,0	-	35

ø Discharge bore mm		40mm, 50mm	
Pumping Fluid	Temperature	0-40°C	
	Type of Fluid	Municipal sewage, water with solids	
Pump	Components	Impeller	Vortex impeller
		Shaft Seal	Double mechanical seal
		Bearings	Shielded ball bearings
	Material	Impeller	Plastic
		Casing	Grey iron casting EN-GJL-200
	Shaft Seal	Silicon carbide in oil bath	
Motor	Insulation		Insulation class E
	Motor Protector (built-in)		Circle thermal cut-out
	Type, Poles		Induction motor, 2 poles, IP68
	Lubrication		Turbine oil (ISO VG32)
	Phase / Voltage		Single phase 230V / 50Hz, 3-phase / 400V / 50Hz / d.o.l.
	Material	Casing	Grey iron casting EN-GJL-150
		Shaft	Stainless steel EN-X6Cr13
Cable		Rubber, H07RN-F	
Discharge Connection		Inside thread, JIS10K flange	
Optional Accessories		Guide rail fitting "TOK" for small pumps	



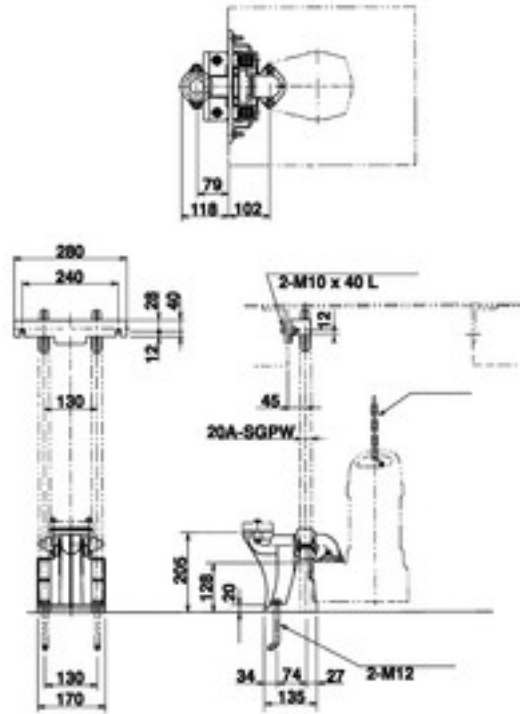
Dimensions in mm:

Model	A	A4	B	D	FL1	FL2	H	W1	W2
40UT2.25	239	205	101	161	-	-	350	110	300
40UT2.25S	239	205	101	161	-	-	350	110	300
50UT2.4	242	205	101	161	-	-	350	110	300
50UT2.4S	242	205	101	161	-	-	350	110	300
50UT2.75	242	205	101	161	-	-	406	110	350
50UT2.75S	242	205	101	161	-	-	406	110	350



W1: lowest running water level

Dimensions - guide rail fitting type in mm:



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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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