

# Vortex impeller



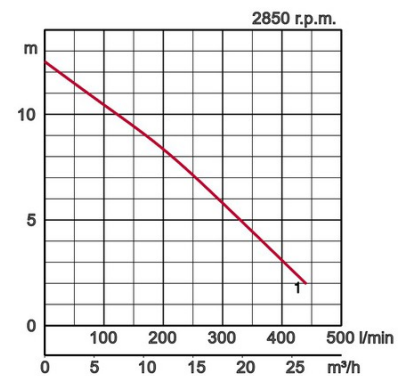
**UT** 1-phase  
3-phase  
50Hz

## Specifications:

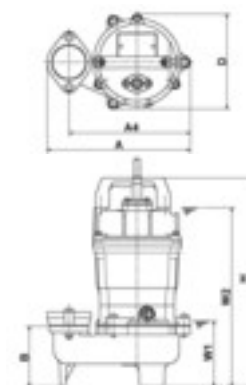
Model		Colour code curve	Bore mm	Power output kW	Phases	r.p.m.	Head max. m	Capacity max. l/min	Starting method	Dry weight kg without cable		Impeller passage mm
free standing	with guide rail fitting									free standing	with guide rail fitting	
50UT2.75	optional	● 1	50	0,75	3	2850	12,5	440	direct	16,0	-	35



ø Discharge bore mm		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	Type, Poles		Induction motor, 2 poles, IP68
	Lubrication		Turbine oil (ISO VG32)
	Insulation		Insulation class E
	Motor Protector (built-in)		Circle thermal cut-out
	Phase / Voltage		3-phase / 400V / 50Hz / d.o.l.
	Material	Casing	Grey iron casting EN-GJL-150
Shaft		Stainless steel EN-X6Cr13	
Cable		Rubber, 10m H07RN-F	
Discharge Connection		Inside thread, JIS10K flange	
Optional Accessories		Guide rail fitting "TOK" for small pumps	



Model	A	A4	B	D	FL1	FL2	H	W1	W2
50UT2.75	242	205	101	161	-	-	406	110	350



W1: lowest running water level