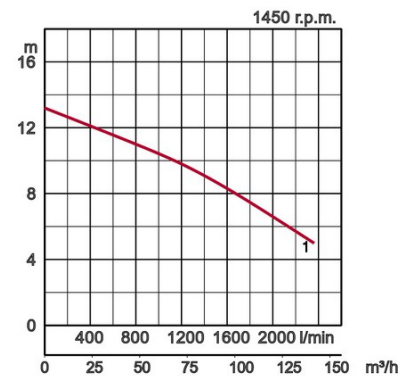


Specifications:

Model	Colour code curve	Bore mm	Motor output kW	Rated current A	Head max. m	Capacity max. l/min	Dry weight kg w/o cable	Max. solid handling ø mm	Pressure resistance max. m	Cable length m
100UZ45.5	● 1			12,1	13,2	2360	145,0		15	

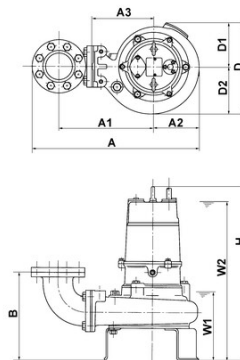
Vortex impeller with wide pump casing, 4-pole motor, no clogging.

ø Discharge bore mm		100mm	
Pumping Fluid	Type of Fluid	Municipal sewage, water with solids	
	Temperature	0-40°C	
Pump	Components	Impeller	Vortex impeller
		Shaft Seal	Double mechanical seal
		Bearings	Shielded ball bearings
	Material	Impeller	Grey iron casting EN-GJL-200
		Casing	Grey iron casting EN-GJL-200
Shaft Seal	Silicon carbide in oil bath		
Motor	Insulation		Insulation class F
	Type, Poles		Induction motor, 4 poles, IP68
	Motor Protector (built-in)		Circle thermal cut-out
	Lubrication		Turbine oil (ISO VG32)
	Phase / Voltage		3-phase / 400V / 50Hz / d.o.l.
	Material	Casing	Grey iron casting EN-GJL-200
Shaft		Stainless steel EN-X30Cr13	
Cable		Rubber, NSSHÖU	
Discharge Connection		Inside thread, JIS10K flange	
Optional Accessories		Guide rail fitting "TOS" (guide support, duck foot bend, lifting chain) / Bend and stand set for free standing types	



Dimensions in mm:

Model	A	A1	B	D	D1	H	W1
100UZ45.5	652	387	335	358	179	939	320



W1: lowest running water level

Please mind: discharge bend, duck foot bend and stand set are accessories and must be ordered separately