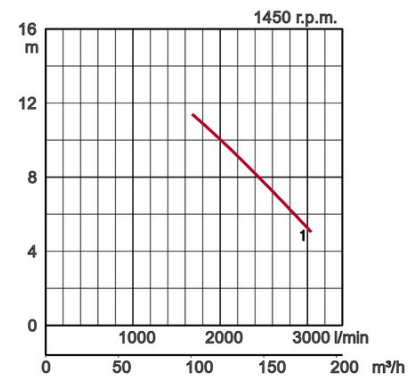


Specifications:

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
100UYZ48.5	1			16,8	11,5	3040	176,1		20	

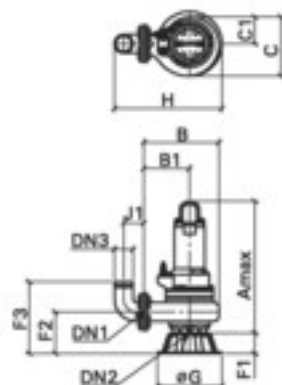
3.7 kW version available in d.o.l. or star-delta

ø Discharge bore mm		100mm		
Pumping Fluid	Temperature	0-40°C		
	Type of Fluid	Municipal sewage		
Pump	Components	Impeller	Vortex impeller	
		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	
		Wearing	Bronze	
Motor	Phase / Voltage		3-phase / 400V / 50Hz / s.d.	
	Lubrication		Turbine oil (ISO VG32)	
	Type, Poles		Induction motor, 4 poles, IP68	
	Insulation		Insulation class H	
	Motor Protector (built-in)		Miniature protector	
	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 DN100 (PN10)		
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	B	B1	H
100UYZ48.5	914	460	280	657



W1: lowest running water level

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