

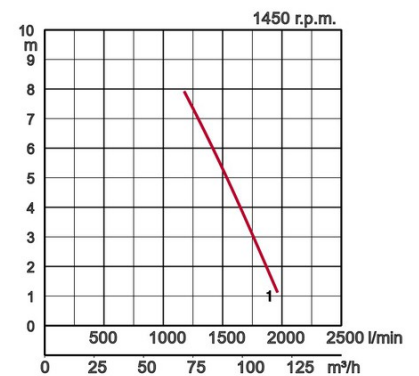


Specifications:

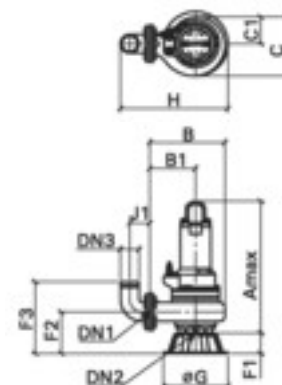
Model		Colour code curve	Bore mm	Power output kW	Phases	r.p.m.	Head max. m	Capacity max. l/min	Starting method	Dry weight kg without cable		Impeller passage mm
free standing	with guide rail fitting									free standing	with guide rail fitting	
100UPM45.0	TOS100UPM45.0	1	100	5,0	3	1450	14,6	1967	star/delta	124,0	124,0	80

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	Type, Poles		Induction motor, 4 poles, IP68	
	Lubrication		Turbine oil (ISO VG32)	
	Insulation		Insulation class H	
	Motor Protector (built-in)		Miniature protector	
	Phase / Voltage		3-phase / 400V / 50Hz / s.d.	
	Material	Casing	Grey iron casting EN-GJL-250	
		Shaft	Stainless steel EN-X14Cr-Mo-S17	
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		



Model	A	B	B1	C	C1	DN1	DN2	DN3	F1	F2	F3	G	H	J1
100UPM45.0	722	438	280	316	158	100	100	4"	125	213	398	395	657	122



W1: lowest running water level