

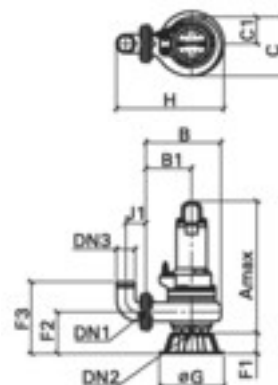
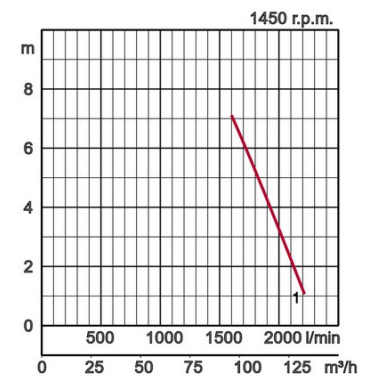


Specifications:

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	
80UPZM46.5	TOS80UPZM46.5	1	80	6,5	3	1450	17,2	2217	star/delta	139,0	139,0	80

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

Discharge bore mm		80mm		
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 DN80 (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
80UPZM46.5	792	408	250	316	158	80	100	3"	125	203	301	395	628	137

W1: lowest running water level