

Vortex impeller



80UYZ

3-phase
50Hz

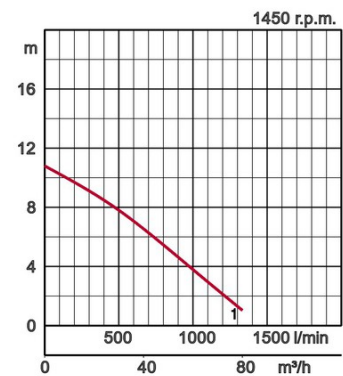
Specifications:

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	
80UYZ42.6L	TOS80UYZ42.6L	1	80	2,6	3	1450	10,8	1330	direct	86,2	70,9	80

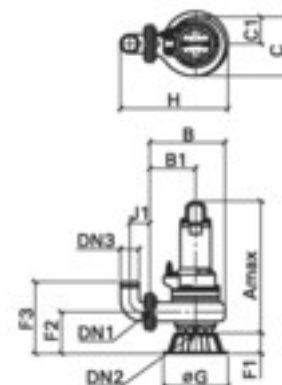
3.7 kW version available in d.o.l. or star-delta



ø 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 / d.o.l.		
	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 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
80UYZ42.6L	563	408	250	316	158	80	100	3"	125	203	301	395	628	137



W1: lowest running water level