

# Vortex impeller



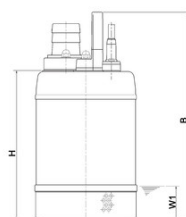
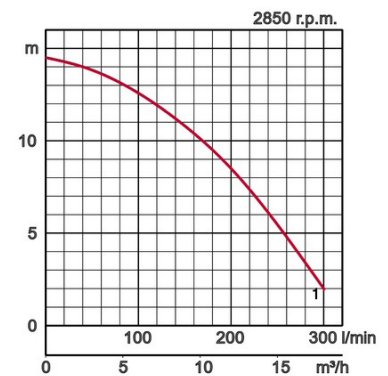
**SQ** 1-phase  
3-phase  
50Hz

## 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
50SQ2.75	● 1	50	0,75	3	2850	14,5	300	direct	14,0	6



ø Discharge bore mm		50mm		
Pumping Fluid	Temperature	0-40°C		
	Type of Fluid	Aggressive fluids, food industry		
Pump	Components	Impeller	Vortex impeller	
		Shaft Seal	Double mechanical seal	
		Bearings	Shielded ball bearings	
	Material	Impeller	SCS13 (DIN GX5CrNi19-10)	
		Casing	SCS13 (DIN GX5CrNi19-10)	
		Suction Plate	Stainless steel EN-X5CrNi18-10	
	Shaft Seal	Silicon carbide in oil bath		
Motor	Type, Poles		Induction motor, 2 poles, IP68	
	Lubrication		Turbine oil (ISO VG15)	
	Insulation		Insulation class E	
	Motor Protector (built-in)		Circle thermal cut-out	
	Phase / Voltage		3-phase / 400V / 50Hz / d.o.l.	
	Material	Casing	Stainless steel EN-X5CrNi18-10	
		Shaft	Stainless steel EN-X5CrNi18-10	
Cable		Rubber, 10m H07RN-F		
Discharge Connection		Hose coupling		



Model	A	A1	B	H	W1
50SQ2.75	180	125	384	282	60

W1: lowest running water level