



TSURUMI PUMP

SQ

1-phase
3-phase
50Hz

Stainless steel pump

This compact submersible pump is for use with slightly corrosive liquids and uses harmless liquid paraffin as its lubrication oil.





Vortex Impeller

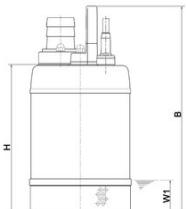
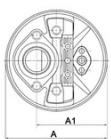
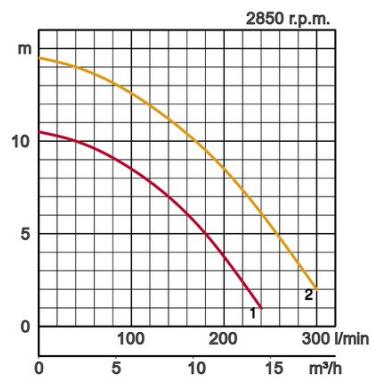
This impeller is used mainly to avoid clogging or wear by large or stringy solids in the water. It accelerates part of the water to great speed, and this speed is used to smoothly move all the water from inlet to outlet.



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
50SQ2.4	1	50	0,4	3	2850	10,5	240	direct	12,0	6
50SQ2.4S		50	0,4	1	2850	10,5	240	condensor	12,5	6
50SQ2.75	2	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 Single phase 230V / 50Hz, 3-phase / 400V / 50Hz / d.o.l.	
	Material	Casing Stainless steel EN-X5CrNi18-10
		Shaft Stainless steel EN-X5CrNi18-10
		Cable Rubber, 10m H07RN8-F, NSSHÖU
Discharge Connection Hose coupling		



Dimensions in mm:

Model	A	A1	B	H	W1
50SQ2.4	180	125	364	262	60
50SQ2.4S	180	125	364	262	60
50SQ2.75	180	125	384	282	60

W1: lowest running water level



TSURUMI PUMP

Contributing to World-wide Prosperity and Understanding through Worker- and Environment-friendly Production.

Designed for increased productivity through fully integrated streamlined production systems, Tsurumi's factory in Kyoto (Japan) features a production capacity of a full 1 million pumps per year. Large-scale modern R&D facilities offer optimum conditions for experimenting and testing of even super-large pumps and for developing new products to expand the possibilities and applications of pumps. To provide optimum conditions for our main asset, our workers, as well as for the environment, special emphasis is placed on optimized working conditions with airconditioning, minimized dust and exhaust gas emission, comprehensive recycling and waste recovery.

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We reserve the right to change specifications and designs herein for improvement without prior notice. Our pumps are for professional use only. In the event that Tsurumi (Europe) GmbH have, in exceptional cases taken over, a manufacturer's warranty, this entitles the enduser to assert remedy free of charge against Tsurumi (Europe) GmbH due to any defect to the product occurring during the guarantee period (see below), also then when the warranty claims against the seller do not or no longer exist. In the event of malfunction, which is attributable to the improper handling by the enduser, no guarantee claim shall arise. Further claims shall not result from the warranty, unless if something to the contrary has explicitly been determined. The decision as to whether remedy is effected by way of replacement or repair shall be at the choice of Tsurumi (Europe) GmbH. The claims shall be time barred after a period of three months after expiry of the guarantee period, however, not before expiry of the warranty period which is valid towards the seller. In the event of doubt, the warranty period shall correspond with the warranty period which is valid between the end-user and his seller.



sew-SQ-EN

