

# SHAKTI 2.5SS & 3SS SUBMERSIBLE PUMP

2.5 Inch & 3 Inch Series (50Hz)



# Shakti 4SS Submersible Pump 50Hz

## INTRODUCTION

Shakti 2.5SS & 3SS pumps series are robust 2.5" & 3" pumps designed for long life operation, built mainly in a special Floating type impeller the design is to enhance the overall performance of pumps.

The optimal design of impeller and diffuser enables the best possible hydraulic efficiency. Built-in check valve prevents back flow and reduces the risk of water hammering. All vital components of these pumps are made up of corrosive resistance thermoplastic and the shaft is of SS 304.

## FEATURES

- Simple installation and maintenance free
- Pump impellers are floating type.
- High efficiency design for low operation cost.
- Longer and trouble free life
- Wide hydraulic range.

## APPLICATIONS

- Domestic & Residential water supply
- Gardening and Small Farm Irrigation
- Washing systems
- Civil Applications use.
- Fountains

## MATERIAL SPECIFICATION:

Components	Material
Pump Outer Sleeve	AISI SS 304
Discharge Casing	AISI SS 304
Suction Casing	AISI SS 304
Diffuser	Plastic (PC)
Impeller	Plastic (POM)
Pump Shaft	AISI SS 304
Shaft Coupling	AISI SS 304
Wear Ring	AISI SS 304

## PERFORMANCE TABLE

MATERIAL CODE	MODEL	RATING		STAGE	Discharge							
		kW	HP		LPM	0	20	25	30	35	40	50
9000031050	PUMP 2.5SS2/24-1.25"BSP	0.37	0.5	24	Head (m)	53	43	39	37	34	28	8

MATERIAL CODE	MODEL	RATING		STAGE	Discharge							
		kW	HP		LPM	0	20	30	35	40	45	50
9000031045	PUMP 3SS2/15-1.25"BSP	0.37	0.5	15	Head (m)	62	55	47	40	32	23	10
9000031046	PUMP 3SS2/27-1.25"BSP	0.75	1	27		111	100	82	70	58	21	15
9000031047	PUMP 3SS2/38-1.25"BSP	1.1	1.5	38		159	142	119	100	81	57	20

MATERIAL CODE	MODEL	RATING		STAGE	Discharge							
		kW	HP		LPM	0	30	35	40	50	55	60
9000031048	PUMP 3SS3/16-1.25"BSP	0.55	0.75	16	Head (m)	62	55	50	45	33	24	10
9000031049	PUMP 3SS3/31-1.25"BSP	1.1	1.5	31		118	102	99	89	64	45	28



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