



V-6 SUBMERSIBLE PUMPS



- Survival of the fittest



Water is a critical part of life, not to be taken for granted



V-6

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KIWI PUMPS, Rajkot is a TUV Certified ISO-9001 professional company engaged in manufacturing V-6 submersible pumps. Our newly launched V-6 investment casted stainless steel pump is the result of constant research and development and experience of over a decade in the manufacturing of pumps.

APPLICATION :

- Irrigation (Sprinkler, Drip) ► Drinking water supply ► Farm house water supply ► Industrial water supply
- Cooling water circulating systems.

FEATURES :

- Easy to install and low running cost ► Superior design, high quality material and state-of-the-art manufacturing process ensure minimum maintenance ► Easy assembling, dismantling ► Energy efficient radial and mixed flow models ► Improved hydraulic design ensures better efficiency, i.e. the max. head per stage is as high as 15 meter in radial flow design and 12 meter in mixed flow design, which is a unique feature for V-6 pumps ► Designed to start at low voltage and withstand wide voltage fluctuations.

MATERIAL OF CONSTRUCTION - PUMP

NAME OF PARTS	V-6 RADIAL FLOW	V-6 MIXED FLOW
Impeller	Brass / Stainless Steel	Brass / Stainless Steel
Diffuser	Brass / Stainless Steel	Brass / Stainless Steel
Stage Casing	Stainless Steel	Stainless Steel
Pump Tie	Stainless Steel	Stainless Steel
Bearing Bush	Leaded Bronze	Leaded Bronze
Pump Shaft	Stainless Steel	Stainless Steel
Suction Bracket	C.I. / Stainless Steel	C.I. / Stainless Steel
Hardware	S.S. 304	S.S. 304

MATERIAL OF CONSTRUCTION - MOTOR

NAME OF PARTS	V-6 RADIAL FLOW	V-6 MIXED FLOW
Shaft	S.S. 431	S.S. 431
Bearing Bush	Leaded Bronze	Leaded Bronze
Thrust Bearing	S.S. & Eng. Plastic	S.S. & Eng. Plastic
Lower & Upper Housing	C.I.	C.I.
Stator Shell	Stainless Steel	Stainless Steel
Hardware	S.S. 304	S.S. 304

OPERATING LIMITATIONS

	V-6 RADIAL FLOW	V-6 MIXED FLOW
H.P. Range	3 H.P. to 25 H.P.	3.0 H.P. to 25 H.P.
Head Range	20 Mtr. to 400 Mtr.	20 Mtr. to 300 Mtr.
Discharge At Duty Point	50 Lpm. to 600 Mtr.	250 Lpm. to 1200 Mtr.
Max. Discharge	600 Lpm.	1200 Lpm.
Max. Head / Stage	15 Mtr.	12 Mtr.
Operating Voltage	160-250 Volt (1 Phase) 300-440 Volt (3 Phase)	300-440 Volt (3 Phase)
Max. Temp. of Liquid	40° C	40° C
Max. Permissible Amount of Sand in the Water	50 Gram / Cubic Meter	80 Gram / Cubic Meter



KIWI PUMPS

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Due to continuous efforts in improvements, information furnished above is subject to change without notice.