



# INDUSTRIAL PUMPS

A Product From Professionals

Submersible Dewatering Pumps

ISI Certified Products



# Submersible Dewatering Pumps

(VRIHA Series)



VRIHA series of dewatering pumps are specially designed for sea water, rain water and construction dewatering. The design of light weight, low maintenance. Vertical construction of pump, bottom suction and top discharge ensure to remove maximum water from pit.

## Technical Features

<b>Motor:</b>	Two Pole Construction Duty Squirrel Cage Submersible Type Induction Motor
<b>Insulation Class:</b>	F
<b>Protection:</b>	IP – 68 / Thermal Over Load / Moisture
<b>Cable:</b>	Oil Proof PVC Insulated Double Sheathed Copper Conductor Flexible Cable

## Material of Construction

<b>Motor Body:</b>	S.S 202/304 or Aluminium
<b>Cooling Jacket:</b>	S.S 202/304 / M.S
<b>Impeller</b>	C.I IS 210 FG260 / S.S 304 / S.S 316
<b>Shaft:</b>	S.S 431
<b>Strainer:</b>	S.S 304
<b>Mech. Seal:</b>	Double type: TC Vs. TC
<b>Bearing:</b>	Deep Groove Ball Bearing (Top), Double Row Angular Contact Bearing (Bottom)

## PERFORMANCE TABLE

VRIHA Series (2900 rpm) 50Hz

MODEL	HP	DEL SIZE	SOLID SIZE		HEAD IN METERS											SHUT OFF		
					4	6	8	10	12	14	16	18	20	24	28			
VRIHA 1.0/ 2	1	50	10	D I S C H A R G E	350	250	200	175	80								12	
VRIHA 2.0/2	2	50	15		600	500	450	300	250	100								15
VRIHA 3.0/3	3	80	15		900	800	700	650	550	450	250							18
VRIHA 5.0/4	5	100	20		2200	2000	1750	1400	920	250								15
VRIHA 5.0/3	5	80	15		1100	1080	1050	1000	930	820	670	580	240					22
VRIHA 7.5/4	7.5	100	20		2400	2250	2100	1800	1400	800								16
VRIHA 10/6	10	150	30		3900	3600	3200	2700	2000	1200								16
VRIHA 15/6	15	150	30		4500	4250	3950	3350	3000	2600	2200	1800	950					28
VRIHA 20/6	20	150	30		5000	4750	4500	4250	4000	3750	3400	3100	2750	2000	1200			34
						<b>4</b>	<b>8</b>	<b>12</b>	<b>16</b>	<b>20</b>	<b>24</b>	<b>28</b>	<b>32</b>	<b>36</b>	<b>40</b>	<b>45</b>		
VRIHA 10/4	10	100	20	I N L P M	2400	2200	2000	1750	1400	1000	500						32	
VRIHA 15/4	15	100	20		2800	2600	2400	2175	1950	1700	1400	1100	750	350			42	
VRIHA 20/4	20	100	20			2620	2550	2400	2220	2040	1860	1620	1380	1080	660		51	
VRIHA 25/6	25	150	25				3800	3500	3150	2800	2400	2000	1600	1100	450		48	
VRIHA 30/6	30	150	25				4000	3800	3500	3200	2800	2500	2100	1700	1100		54	
VRIHA 35/6	35	150	25				4400	4200	3900	3650	3300	3000	2600	2200	1650		60	
						<b>5</b>	<b>10</b>	<b>15</b>	<b>20</b>	<b>25</b>	<b>30</b>	<b>35</b>	<b>40</b>	<b>45</b>	<b>50</b>	<b>55</b>		
VRIHA 40/6	40	150	35			7100	6350	5550	4550	3350	1775						35	
VRIHA 50/6	50	150	35			8000	7350	6350	5650	4700	3650	2334	1334				45	
VRIHA 40/6	40	150	30			4200	4000	3770	3550	3310	3000	2640	2300	1850	1350	600	59	
VRIHA 50/6	50	150	30			4500	4250	4100	3840	3650	3350	3050	2640	2350	1890	68		

Specification and performance are subject to cahange without prior notice

## APPLICATIONS

• Building and construction dewatering • Strom water • Sea Water • Canal • River bed/Dry dock/ Off shore