

# VILA®

## 3 Phase Horizontal Openwell Submersible Pump Sets



# VILA®

Plot No. B 63,  
Kagal Hatkanangale, Five Star MIDC,  
Karveer, Kolhapur,  
Maharashtra - 416 216



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## SALIENT FEATURES

- ✦ Suitable in wide voltage variation with high performance even in low voltage.
- ✦ Stampings are used of high quality electric grade for better efficiency.
- ✦ Fully Stainless steel shaft hence no chance of corrosion.
- ✦ Copper rotors & Aluminium rotors for long life and trouble free operations.
- ✦ Very low maintenance due to high quality carbon Vs steel combination of thrust bearing with leaded tin bronze made bush bearing.
- ✦ All rotating parts are dynamically balanced for low noise, vibration and long bush bearing life.
- ✦ Light weight hence easy to install. Under water operation hence no noise.
- ✦ Better outer aesthetics with durable paint protection.
- ✦ Pumpsets are packed with adequate fitments to avoid damage while reach to end user.
- ✦ All fastness are used of stainless steel only for easy maintenance & very long life.

## APPLICATIONS

- ✦ Agriculture, Industrial, Farm applications
- ✦ Highrise Buildings & Commercial Complex etc.,
- ✦ Sprinkler Systems Applications
- ✦ Solar Pumping Systems

Material of Construction	
Pump Shaft	Stainless Steel
Stamping	Silicon Steel
Casting Parts	CI IS 210 FG 200
Impeller	CI IS 210 FG 200
Copper	EC grade Minimum 99.90%
Voltage Range	160 to 250 V (1 phase)
	200 to 440 V (3 phase)

## Horizontal Open Well Pump Sets 3 Phase

ViLA Models Name	HP	kW	Pipe Size in mm	Head in meters / Discharge in LPM															
				6	9	12	15	18	21	24	27								
VLHOSPC3.0/50-18/3A	3	2.2	65 x 50	800	770	680	550	350											
VLHOSPC3.0/50-24/3A	3	2.2	65 x 50		730	680	630	560	460	320									
VLHOSPC3.0/65-18/3A	3	2.2	75 x 65	1050	950	850	680	470											
VLHOSPC3.0/50-18/3C	3	2.2	65 x 50	800	770	680	550	350											
VLHOSPC3.0/50-24/3C	3	2.2	65 x 50		730	680	630	560	460	320									
VLHOSPC3.0/65-18/3C	3	2.2	75 x 65	1050	950	850	680	470											
VLHOSPC5.0/50-27/3A	5	3.7	65 x 50			960	880	760	700	570	400								
VLHOSPC5.0/65-24/3A	5	3.7	75 x 65	1270	1200	1100	1000	850	670	380									
VLHOSPC5.0/50-27/3C	5	3.7	65 x 50			960	880	760	700	570	400								
VLHOSPC5.0/50-24/3C	5	3.7	75 x 50	1270	1200	1100	1000	850	670	380									
ViLA Models Name	HP	kW	Pipe Size in mm	Head in meters / Discharge in LPM															
				6	9	12	15	18	21	24	27	30	33	36	39				
VLHOSPC5.0/50-33/3A	5	3.7	65 x 50	880	850	820	780	750	700	640	550	450	350						
VLHOSPC5.0/50-39/3A	5	3.7	65 x 50	620	600	590	550	540	520	500	460	420	370	310	250				
VLHOSPC5.0/50-33/3C	5	3.7	65 x 50	880	850	820	780	750	700	640	550	450	350						
VLHOSPC5.0/50-39/3C	5	3.7	65 x 50	620	600	590	550	540	520	500	460	420	370	310	250				
ViLA Models Name	HP	kW	Pipe Size in mm	Head in meters / Discharge in LPM															
				6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51
VLHOSPC7.5/50-36/3C	7.5	5.5	65 x 50						1000	900	800	700	500	300					
VLHOSPC7.5/50-42/3C	7.5	5.5	65 x 50					1050	1000	930	800	760	640	570	410	300			
VLHOSPC7.5/50-48/3C	7.5	5.5	65 x 50			1000	960	920	850	840	760	730	650	600	490	430	350	250	
VLHOSPC7.5/65-36/3C	7.5	5.5	75 x 65			1350	1280	1200	1150	1100	1020	900	650	250					
VLHOSPC7.5/75-27/3C	7.5	5.5	100 x 75		2000	1880	1700	1500	1300	900	500								
VLHOSPC10/50-51/3C	10	7.5	65 x 50							1250	1220	1200	1120	1050	950	900	860	550	250
VLHOSPC10/65-30/3C	10	7.5	75 x 65			1900	1850	1740	1650	1550	1450	1300							
VLHOSPC10/75-21/3C	10	7.5	100 x 75		2400	2300	2200	1950	1350										
VLHOSPC10/100-36/3C	10	7.5	100 x 100			1900	1850	1740	1650	1560	1450	1300	1200	1000					

### Note :

- Due to continuous product developments, the data mentioned in the catalogue may change without any prior notice.
- Performance applicable to liquid specific gravity 1 and viscosity as of water
- The performance mentioned in this booklet is from standard test condition at the pump lab and may differ at field conditions

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