

*Make  
A Difference*



# PENGUIN PUMPS PVT. LTD.

An ISO 9001 : 2015 Company



MANUFACTURERS OF ALL TYPES OF  
SUBMERSIBLE & MONO SET PUMPS



New Model

HZ 0.75 HP. FULLY  
S.S. OPENWELL

HZ 1 H.P. FULLY  
S.S. OPENWELL



# About Us

**PENGUIN PUMPS** Is a Leader in Manufacturing & Export of all kinds of submersible pump sets since 2020 in India.

**PENGUIN PUMPS** is a product of Computer-Age Technology generation through continuous R & D. This product includes usage suggestion from Customer feedback, thus making it a better version of all our old pump sets.

**PENGUIN PUMPS** has an in - house facility like designing, simulation, accurate machining in VMC & CNC for contuous improvement of energy efficient submersible pump sets.

## ACHIVEMENTS :

- More Than **962** different models available.
- More Than **250** models ISI Marks.
- More Than **100** models BEE ( **5 - STAR**) Approval for Energy Efficient.
- Iso 9001 : 2015 in Design & Development , Manufacturer & Supply.
- **0.5** HP to **60** HP Submersible pump set.
- Fully s.s.304 domestic openwell first time introduce in India

## WHY PENGUIN PUMPS WHY ?

- Easy rewinding and trouble free service.
- High fluctuations voltage operating design. Low power consumption.
- [ 140v to 250v - Phase to Neutral / 280v to 440v - Phase to Phase ]
- Speedy water flow and best water lifting capacity.
- Separate models for single and three phase.
- Fully Stainless steel 304 Submersible pump Set.
- 30 to 40 % Energy Saving Pump Set.



**V-4  
20 Ft.**

**Outer Dia Meter (96mm) Suitable For  
100mm And Above Dia Bore Well**



**V-4**

**V-4  
Fully S.S**

### Application :-

Houses, Agriculture, Irrigation, Domestic & Civil Water Supply, Fountains, Industrial & Rural Water Supply, Fire Fighting, Pressure Boosting Units, Ponds, Sprinkler Systems Mining, Gardens.

### Technical Data :-

<b>Power Range</b>	0.37 kw to 2.2 kw - Single Phase, 0.75 kw to 5.5 kw - Three Phase
<b>Speed</b>	2780 RPM
<b>Version</b>	A.C. Single Phase, 190-230 V. 50Hz Capacitor Start & Run [CSCR], A.C. Three Phase, 350-440 V. 50 Hz Direct on Line [DOL]
<b>Type of Duty</b>	S1[Continuous]
<b>Flow Rate upto</b>	0.20 to 7.0 Lps.
<b>Head Range upto</b>	7 to 335 mt., 23 to 1100 ft.
<b>Nominal Outlet Size</b>	25, 32, 40, 50 & 65 mm
<b>Maximum Liquid-Temperature</b>	33 C

### Material of Construction

<b>Motor &amp; Pump Body</b>	Non - Magnetic Stainless Steel
<b>Motor &amp; Pump Shaft</b>	Stainless Steel-410
<b>Stator</b>	CRNO M-45
<b>Rotor</b>	EC Grade Copper
<b>Winding</b>	Polyster insulated EC Grade Copper
<b>Thrust Bearing</b>	Carbon v/s Self Align Stainless Steel Segment
<b>Journal Bushing</b>	LTB-4
<b>Mechanical Seal</b>	Nitrile Rubber + Stainless steel
<b>Fastners</b>	Stainless Steel 304
<b>Housing / Connection Plate / Base</b>	High Grade Cast Iron / Stainless Steel 304

	<b>Radial Flow</b>	<b>Mix Flow</b>
<b>Bowl</b>	GF 30 Noryl / Stainless Steel 304	GF 30 Noryl / Stainless Steel 304
<b>Impeller</b>	GF 30 Noryl / Stainless Steel 304	GF 30 Noryl / Stainless Steel 304
<b>Suction &amp; NRV</b>	High Grade Cast Iron / Stainless Steel 304	High Grade Cast Iron / Stainless Steel 304





# V-6 50 Ft. "K"-Type

Radial Flow

Outer Dia Meter (142mm) Suitable For  
150mm And Above Dia Bore Well



V-6

Fully S.S



V-6

## Application :-

Agriculture, Irrigation, Domestic & Civil Water Supply,  
Fountains, Industrial & Rural Water Supply, Fire Fighting,  
Pressure Boosting Units, Ponds, Gardens, Sprinkler Systems Mining.

## Technical Data :-

Power Range	2.2 kw to 20 kw - Three Phase
Speed	2880 RPM
Version	A.C.Three Phase, 350 - 440 V. 50 Hz Direct on Line [DOL] Upto 5.5 kw, Star Delta [SD] Upto 20 kw
Type of Duty	S1[Continuous]
Flow Rate upto	1.0 to 16 Lps.
Head Range upto	9.0 to 458 mt., 30.0 to 1500 ft.
Nominal Outlet Size	50, 65mm
Maximum Liquid-Temperature	33 C

## Material of Construction

Motor & Pump Body	Non - Magnetic Stainless Steel
Motor & Pump Shaft	Stainless Steel-410
Stator	CRNO M-45 with Epoxy coating
Rotor	EC Grade Copper
Winding	Polyster insulated EC Grade Copper
Thrust Bearing	Carbon v/s Self Align Stainless Steel Segment
Journal Bushing	LTB-4
Mechanical Seal	Nitrile Rubber/Stainless Steel
Fastners	Stainless Steel-304
Housing / Connection Plate / Base	S.S - 304 /High Grade Cast Iron
Bowl	S.S - 304
Impeller	S.S - 304
Suction & NRV	S.S - 304 /High Grade Cast Iron





## V-6 "Q"-Type

Mix Flow

Outer Dia Meter (142mm) Suitable For 150mm And Above Dia Bore Well



V-6 Q-Type 50 Ft.  
 V-6 Q-Type Fully S.S. 50 Ft.  
 V-6 S.B.Type 40 Ft.

### Application :-

Agriculture, Irrigation, Domestic & Civil Water Supply, Fountains, Industrial & Rural Water Supply, Fire Fighting, Pressure Boosting Units, Ponds, Gardens, Sprinkler Systems Mining.

### Technical Data :-

Power Range	2.2 kw to 20 kw - Three Phase
Speed	2880 RPM
Version	A.C.Three Phase, 350 - 440 V. 50 Hz Direct on Line [DOL] Upto 5.5 kw, Star Delta [SD] Upto 20 kw
Type of Duty	S1[Continuous]
Flow Rate upto	1.0 to 30 Lps.
Head Range upto	6.0 to 169 mt., 20.0 to 554 ft.
Nominal Outlet Size	80 mm
Maximum Liquid-Temperature	33 C

### Material of Construction

Motor & Pump Body	Non - Magnetic Stainless Steel
Motor & Pump Shaft	Stainless Steel-410
Stator	CRNO M-45
Rotor	EC Grade Copper
Winding	Polyster insulated EC Grade Copper
Thrust Bearing	Carbon v/s Self Align Stainless Steel Segment
Journal Bushing	LTB-4
Mechanical Seal	Nitrile Rubber/Stainless Steel
Fastners	Stainless Steel-304
Housing / Connection Plate / Base	S.S - 304 /High Grade Cast Iron
Bowl	S.S - 304 /High Grade Cast Iron
Impeller	S.S - 304 / S.S.410
Suction & NRV	S.S - 304 /High Grade Cast Iron





## V-6 Slim 40 - Ft

Outer Dia Meter (130mm) Suitable For  
140mm And Above Dia Bore Well

Mix Flow/Redial Flow



**V-6 Slim K-Type**  
Radial Flow

**V-6 Slim S.B.Type**  
Mix Flow

### Application :-

Agriculture, Irrigation, Domestic & Civil Water Supply,  
Fountains, Industrial & Rural Water Supply, Fire Fighting,  
Pressure Boosting Units, Ponds, Gardens, Sprinkler Systems Mining.

### Technical Data :-

Power Range	2.2 kw to 13 kw - Three Phase
Speed	2850 RPM
Version	A.C.Three Phase, 350 - 440 V. 50 Hz Direct on Line [DOL] Upto 5.5 kw, Star Delta [SD] Upto 13 kw
Type of Duty	S1[Continuous]
Flow Rate upto	0.75 to 30 Lps.
Head Range upto	6.0 to 437 mt., 20.0 to 1400 ft.
Nominal Outlet Size	50,65 & 80 mm
Maximum Liquid-Temperature	33 C

### Material of Construction

Motor & Pump Body	Non - Magnetic Stainless Steel
Motor & Pump Shaft	Stainless Steel-410
Stator	CRNO M-45
Rotor	EC Grade Copper
Winding	Polyster insulated EC Grade Copper
Thrust Bearing	Carbon v/s Self Align Stainless Steel Segment
Journal Bushing	LTB-4
Mechanical Seal	Nitrile Rubber/Stainless Steel
Fastners	Stainless Steel-304
Housing / Connection Plate / Baise	High Grade Cast Iron

	Radial Flow	Mix Flow
Bowl	S.S - 304	High Grade Cast Iron
Impeller	S.S - 304	S.S.- 410
Suction & NRV	High Grade Cast Iron	High Grade Cast Iron



# V - 7

## Mix Flow



V-7  
S.B.Type  
65 Ft.  
Mix Flow

### Outer Dia Meter (158mm) Suitable For 175mm And Above Dia Bore Well



### Application :-

Agriculture, Irrigation, Domestic & Civil Water Supply,  
Fountains, Industrial & Rural Water Supply, Fire Fighting,  
Pressure Boosting Units, Ponds, Gardens, Sprinkler Systems Mining.

### Technical Data :-

<b>Power Range</b>	2.2 kw to 20 kw - Three Phase
<b>Speed</b>	2880 RPM
<b>Version</b>	A.C.Three Phase, 350 - 440 V. 50 Hz Direct on Line [DOL] Upto 5.5 kw, Star Delta [SD] Upto 20 kw
<b>Type of Duty</b>	S1[Continuous]
<b>Flow Rate upto</b>	1.0 to 33 Lps.
<b>Head Range upto</b>	6.0 to 200 mt., 20.0 to 656 ft
<b>Nominal Outlet Size</b>	100 mm
<b>Maximum Liquid-Temperature</b>	33 C

### Material of Construction

<b>Motor &amp; Pump Body</b>	Non - Magnetic Stainless Steel
<b>Motor &amp; Pump Shaft</b>	Stainless Steel-410
<b>Stator</b>	CRNO M-45
<b>Rotor</b>	EC Grade Copper
<b>Winding</b>	Polyster insulated EC Grade Copper
<b>Thrust Bearing</b>	Carbon v/s Self Align Stainless Steel Segment
<b>Journal Bushing</b>	LTB-4
<b>Mechanical Seal</b>	Nitrile Rubber/Stainless Steel
<b>Fastners</b>	Stainless Steel-304
<b>Housing / Connection Plate / Baise</b>	High Grade Cast Iron
<b>Bowl</b>	High Grade Cast Iron
<b>Impeller</b>	S.S.- 410
<b>Suction &amp; NRV</b>	High Grade Cast Iron





## V-8 "K"-Type 90 - Ft.

Radial Flow

Outer Dia Meter (200mm) Suitable For  
200mm And Above Dia Bore Well



V-8  
Fully S.S.



V-8

### Application :-

Agriculture, Irrigation, Domestic & Civil Water Supply,  
Fountains, Industrial & Rural Water Supply, Fire Fighting,  
Pressure Boosting Units, Ponds, Gardens, Sprinkler Systems Mining.

### Technical Data :-

Power Range	5.5 kw to 44 kw - Three Phase
Speed	2880 RPM
Version	A.C.Three Phase, 350 - 440 V. 50 Hz Direct on Line [DOL] Upto 5.5 kw, Star Delta [SD] Upto 44 kw
Type of Duty	S1[Continuous]
Flow Rate upto	1.0 to 17 Lps.
Head Range upto	6.0 to 335 mt., 20.0 to 1100 ft
Nominal Outlet Size	80 mm
Maximum Liquid-Temperature	33 C

### Material of Construction

Motor & Pump Body	Non - Magnetic Stainless Steel
Motor & Pump Shaft	Stainless Steel-410
Stator	CRNO M-45
Rotor	EC Grade Copper
Winding	Polyster insulated EC Grade Copper
Thrust Bearing	Carbon v/s Self Align Stainless Steel Segment
Journal Bushing	LTB-4
Mechanical Seal	Nitrile Rubber/Stainless Steel
Fastners	Stainless Steel-304
Housing / Connection Plate / Base	S.S-304 / High Grade Cast Iron

Bowl	S.S-304
Impeller	S.S-304
Suction & NRV	S.S-304 / High Grade Cast Iron







## V-8 "Q"-Type 85 -Ft.

Mix Flow

Outer Dia Meter (200mm) Suitable For  
200mm And Above Dia Bore Well



V-8

Fully S.S



V-8

### Application :-

Agriculture, Irrigation, Domestic & Civil Water Supply, Fountains, Industrial & Rural Water Supply, Fire Fighting, Pressure Boosting Units, Ponds, Gardens, Sprinkler Systems Mining.

### Technical Data :-

Power Range	5.5 kw to 44 kw - Three Phase
Speed	2880 RPM
Version	A.C.Three Phase, 350 - 440 V. 50 Hz Direct on Line [DOL] Upto 5.5 kw, Star Delta [SD] Upto 44 kw
Type of Duty	S1[Continuous]
Flow Rate upto	1.0 to 44 Lps.
Head Range upto	6.0 to 310 mt., 20.0 to 1020 ft
Nominal Outlet Size	100 mm
Maximum Liquid-Temperature	33 C

### Material of Construction

Motor & Pump Body	Non - Magnetic Stainless Steel
Motor & Pump Shaft	Stainless Steel-410
Stator	CRNO M-45
Rotor	EC Grade Copper
Winding	Polyster insulated EC Grade Copper
Thrust Bearing	Carbon v/s Self Align Stainless Steel Segment
Journal Bushing	LTB-4
Mechanical Seal	Nitrile Rubber/Stainless Steel
Fastners	Stainless Steel-304
Housing / Connection Plate / Base	S.S-304 / High Grade Cast Iron
Bowl	S.S-304
Impeller	S.S-304
Suction & NRV	S.S-304



# HZ S.S.Openwell



## Application :-

Agriculture, Irrigation, Domestic & Civil Water Supply, Fountains, Industrial & Rural Water Supply, Fire Fighting, Pressure Boosting Units, Ponds, Gardens, Sprinkler Systems Mining.



1.0 HP 0.5 HP



5.0 HP 3.0 HP



7.5 HP 15 HP

## Technical Data :-

<b>Power Range</b>	0.37 Kw to 2.2 Kw.- Single Phase,
	2.2 kw to 11 kw - Three Phase
<b>Speed</b>	2820 RPM
<b>Version</b>	A.C.Single Phase, 190 - 230 V. 50 Hz Capacitor Start & Run [CSCR] A.C.Three Phase, 350 - 440 V. 50 Hz Direct on Line [DOL] Upto 5.5 kw, Star Delta [SD] Upto 11 kw
<b>Type of Duty</b>	S1[Continuous]
<b>Flow Rate upto</b>	50 Lps.
<b>Head Range upto</b>	61 mt. / 200 ft
<b>Nominal Outlet Size</b>	25,32,40,50,65,80,100 mm
<b>Maximum Liquid-Temperature</b>	33 C

## Material of Construction

<b>Motor &amp; Pump Body</b>	Non - Magnetic Stainless Steel
<b>Motor &amp; Pump Shaft</b>	Stainless Steel-410
<b>Stator</b>	CRNO M-45
<b>Rotor</b>	EC Grade Copper
<b>Winding</b>	Polyster insulated EC Grade Copper
<b>Thrust Bearing</b>	Carbon v/s Self Align Stainless Steel Segment
<b>Journal Bushing</b>	LTB-4
<b>Mechanical Seal</b>	Nitrile Rubber/Stainless Steel
<b>Fastners</b>	Stainless Steel-410
<b>Housing / Connection Plate</b>	High Grade Cast Iron
<b>Casing</b>	High Grade Cast Iron
<b>Impeller</b>	High Grade Cast Iron
<b>Suction &amp; Outlet</b>	High Grade Cast Iron





# Fully S.S. Domestic Openwell



**\*New models launch first time in India**

**HZ 0.75 H.P. FULLY S.S. OPENWELL**

## Application:

Domestic, Fountains, Industrial Pressure boosting unit, Ponds, Gardens, Salt water, Chemical

## Technical Data :-

<b>Power Range</b>	0.37 Kw to 0.55 Kw.- Single Phase,
	0.5 hp to 0.75 hp - Single Phase
<b>Speed</b>	2820 RPM
<b>Version</b>	A.C.Single Phase, 190 - 230 V. 50 Hz Capacitor Start & Run [CSCR]
<b>Type of Duty</b>	S1[Continuous]
<b>Flow Rate upto</b>	200 Lpm.
<b>Head Range upto</b>	22 mt. / 72 ft
<b>Nominal Outlet Size</b>	25 mm
<b>Maximum Liquid-Temperature</b>	33 C

## Benefit

- Fully Stainless Steel 304 Domestic Openwell, Rust Proof
- Energy Saving Pump Set
- Lower Maintainance
- Salt Water
- Long Life of Pump Set

## Material of Construction

<b>Motor &amp; Pump Body</b>	Non - Magnetic Stainless Steel
<b>Motor &amp; Pump Shaft</b>	Stainless Steel-304
<b>Stator</b>	CRNO M-45
<b>Rotor</b>	EC Grade Copper
<b>Winding</b>	Polyster insulated EC Grade Copper
<b>Thrust Bearing</b>	Carbon v/s Self Align Stainless Steel Segment
<b>Journal Bushing</b>	LTB-4
<b>Mechanical Seal</b>	Nitrile Rubber/Stainless Steel
<b>Fastners</b>	Stainless Steel-410
<b>Housing / Connection Plate</b>	Non - Magnetic Stainless Steel - 304
<b>Casing</b>	Non - Magnetic Stainless Steel - 304
<b>Impeller</b>	Non - Magnetic Stainless Steel - 304
<b>Suction &amp; Outlet</b>	Non - Magnetic Stainless Steel - 304



# Fully S.S. Domestic Openwell



**\*New models launch first time in India**

**HZ 1 H.P. FULLY S.S. OPENWELL**

## Application:

Domestic, Fountains, Industrial Pressure boosting unit, Ponds, Gardens, Salt water, Chemical

## Technical Data :-

Power Range	0.75 Kw to 1.1 Kw - Single Phase
	0.75 kw to 1.1 kw - Three Phase
Speed	2820 RPM
Version	A.C. Single Phase, 190 - 230 V. 50 Hz Capacitor Start & Run [CSCR] AC three phase 350 - 440 v. 50 Hz. Direct on line(dol) upto 1.1 kw
Type of Duty	S1 [continuous]
Flow Rate upto	350 LPM.
Head Range upto	32 mt. / 105 ft.
Nominal Outlet Size	25 mm
Maximum Liquid-Temperature	33 C

## Benefit

- Fully Stainless Steel 304 Domestic Openwell, Rust Proof
- Energy Saving Pump Set
- Lower Maintainance
- Salt Water
- Long Life of Pump Set

## Material of Construction

Motor & Pump Body	Non - Magnetic Stainless Steel
Motor & Pump Shaft	Stainless Steel-304
Stator	CRNO M-45
Rotor	EC Grade Copper
Winding	Polyster insulated EC Grade Copper
Thrust Bearing	Carbon v/s Self Align Stainless Steel Segment
Journal Bushing	LTB-4
Mechanical Seal	Nitrile Rubber/Stainless Steel
Fastners	Stainless Steel-410
Housing / Connection Plate	Non - Magnetic Stainless Steel - 304
Casing	Non - Magnetic Stainless Steel - 304
Impeller	Non - Magnetic Stainless Steel - 304
Suction & Outlet	Non - Magnetic Stainless Steel - 304

# VT - OPENWELL

## Application :-

Agriculture, Irrigation, Domestic & Civil Water Supply, Fountains, Industrial & Rural Water Supply, Fire Fighting, Pressure Boosting Units, Ponds, Gardens, Sprinkler Systems Mining.



**VT-Big  
Openwell  
90Ft. Per Stage**



**VT-Mini  
Openwell  
20Ft. Per Stage**

## Technical Data :-

<b>Power Range</b>	0.37 Kw to 2.2 Kw.- Single Phase, 2.2 kw to 15 kw - Three Phase
<b>Speed</b>	2850 RPM
<b>Version</b>	A.C.Single Phase, 190 - 230 V. 50 Hz Capacitor Start & Run [CSCR] A.C.Three Phase, 350 - 440 V. 50 Hz Direct on Line [DOL] Upto 5.5 kw, Star Delta [SD] Upto 15 kw
<b>Type of Duty</b>	S1[Continuous]
<b>Flow Rate upto</b>	1.0 to 17 Lps.
<b>Head Range upto</b>	162 mt. / 530 ft
<b>Nominal Outlet Size</b>	25,32,40,50,65,80 mm
<b>Maximum Liquid-Temperature</b>	33 C

## Material of Construction

<b>Motor &amp; Pump Body</b>	Non - Magnetic Stainless Steel
<b>Motor &amp; Pump Shaft</b>	Stainless Steel-410
<b>Stator</b>	CRNO M-45
<b>Rotor</b>	EC Grade Copper
<b>Winding</b>	Polyster insulated EC Grade Copper
<b>Thrust Bearing</b>	Carbon v/s Self Align Stainless Steel Segment
<b>Journal Bushing</b>	LTB-4
<b>Mechanical Seal</b>	Nitrile Rubber/Stainless Steel
<b>Fastners</b>	Stainless Steel-304
<b>Housing / Connection Plate / Baise</b>	High Grade Cast Iron

	<b>VT-Big Openwell</b>	<b>VT-Mini Openwell</b>
<b>Bowl</b>	Stainless Steel 304	GF 30 Noryl
<b>Impeller</b>	Stainless Steel 304	GF 30 Noryl
<b>Suction &amp; NRV</b>	High Grade Cast Iron	High Grade Cast Iron

# V - 3

## Outer Dia Meter (73mm) Suitable For 77mm And Above Dia Bore Well



### Application :-

Residence, Small Farms, Nurseries, Hotels, Small Industries,  
Gardens & Fountains.



V - 3  
15Ft. Per Stage

### Technical Data :-

Power Range	0.37 kw to 1.1 kw - Three Phase
Speed	2780 RPM
Version	A.C.Single Phase, 190 - 230 V. 50 Hz Capacitor Start & Run [CSCR]
Type of Duty	S1[Continuous]
Flow Rate upto	1.5 Lps.
Head Range upto	95 mt./311 ft
Nominal Outlet Size	25 mm
Maximum Liquid- Temperature	33 C

### Material of Construction

Motor & Pump Body	Non - Magnetic Stainless Steel
Motor & Pump Shaft	Stainless Steel-410
Stator	CRNO M-45
Rotor	EC Grade Copper
Winding	Polyster insulated EC Grade Copper
Thrust Bearing	Carbon v/s Self Align Stainless Steel Segment
Journal Bushing	LTB-4 & Nitrile Rubber / Carbon
Mechanical Seal	Nitrile Rubber/Stainless Steel
Fastners	Stainless Steel-304
Housing / Connection Plate / Baise	High Grade Cast Iron
Bowl	GF 30 Noryl
Impeller	GF 30 Noryl
Suction & NRV	High Grade Cast Iron



## CONVERSION FACTORS

1 Imp Gallon = GPM	- 1,201 U.S. Gallons 4,546 Liters
1 Imp G.P.H.	- 0.0757 L.P.M
1 Imp G.P.H.	- 0.001262 L PS
1 L.P.M.	- 13.25 Imp. G.P.H
1 Cu ft	- 28.32 Liters
1 Cu mt	- 1000 Liters
1 Cu. M Per sec	- 60.000 L.P.M
1 L P M	- 0.1667 x 10 <sup>-4</sup> Cu M. Per sec
1 Acre inch per hour	- 1705 L P M - 1 Cusec ( Nearly)
Atmosphere	- 1.033 Kg per sq cm.
	- 14.7 Lbs per sq in.
	- 10.34 Meters of water
1 Lb per sq in	- 0.704 Meters head of water
	- 2.31 ft head of water
	- 51.6 mm. of Mercury
	- 0.0703 Kg. Per sq. cm.
1 Kg. Per sq cm	- 10 Meters of water - 736 mm of mercury
1 Feet	- 0.3048 Meter
1 Metre	- 3.28 feet
1 Kg. Per sq cm	- 14.22 Lbs per sq inch
1 Inch of Mercury	- 0.3456 Meter of water
1 mm of Mercury	- 0.0136 Meter of water
1 Kg	- 2.2046 Lbs
1 H P	- 0.746 Kilo Watts 746 Watts
1 H P (Metric)	- 0. 736 Kilo Watts 736 Watts
1 Acre Feet	- 1233.5 Cu. mm

### ATABLE OF FRICTION HEAD LOSS IN C.I & M.S. WATER PIPE IN MILII METERS Head Loss in meters per 100 meters Length of pipe.

DISCHARGE IN L P M	PIPE DIA IN MM								
	25	40	50	65	80	100	125	150	200
40	1.25								
80	4.69	0.57							
100	7.00	.0.08	0.662						
150		1.85	1.099	0.54					
200		3.13	1.67	0.78	0.54				
250		4.75	2.26	1.31	0.837				
300		6.80	3.98	2.00	1.163	0.292			
400			5.97	2.84	1.983	0.476			
500				5.00	3.017	0.721			
600						1.393	0.463		
800						2.206	0.74		
1000						2.677	0.887	0.182	
1400							1.25	0.305	
1800								0.363	
2000								0.517	
2400									0.138



V4 - Stainless Steel








V6 - Stainless Steel



V8 Stainless Steel

### BEE Guide Line 01-01-2020

	Overall Efficiency is Greater than 0 to 10 % Mentioned in IS 8034 : 2018
	Overall Efficiency is Greater than 10 to 20 % Mentioned in IS 8034 : 2018
	Overall Efficiency is Greater than 20 to 30 % Mentioned in IS 8034 : 2018
	Overall Efficiency is Greater than 30 to 40 % Mentioned in IS 8034 : 2018
	Overall Efficiency is Greater than 40 % Mentioned in IS 8034 : 2018

**Our 5 - Star Model Saving 40 % Efficiency**



## Salient Features :-

- High Operating Efficiency
- Corrosion and abrasion resistant due to stainless steel body and high graded engineering plastic
- Noise free silent operation, hence ideal for domestic use.
- Easy installation & transportation because of its light weight
- Manufactured using a much sophisticated process and hence ensuring more reliability and performance.
- Products are available with NRV which reduces the thrust load of back pressure.
- Wide range of products to meet exact customer demand
- All rotating components are dynamically balanced and any machined by CNC machines
- All pumps set are tested as per IS standard prior to dispatch

## Applications :-



# INFRASTRUCTURE :-



# GENUINE ACCESSORIES



## V-4 STAINLESS STEEL AISI-304



## V-6 STAINLESS STEEL AISI-304



## V-6 STAINLESS STEEL AISI-304



V-6 SLIM

V-6 K Type

V-6 Q Type

## V-8 STAINLESS STEEL AISI-304



V - 8 Q Type

V - 8 K Type

V - 8 Q Type



# पेंग्वीन पंप्स प्रा. ली.

An ISO 9001 : 2015 Company



## 30 % to 40 % Energy Saving Pumps



### PENGUIN PUMPS PVT. LTD.

4 Samrat Industrial Area, Behind Ban Lab, Gondal Road, Rajkot-360004. Gujarat,  
 Tel : +91-281-2363838. E-Mail: info@penguinpumps.in, Web: www.penguinpumps.in  
 PAD : AALCP1543R, CIN : U29120GJ2020PTC113698