

# Experience The Uninterrupted Force





## Self Priming Monobloc Pumps

### FEATURES:

#### Standard Specifications for Self Priming Pumps:

- High suction with self-priming: upto 8 metre
- Impeller: Forged brass for longer life
- Low power consumption
- Operating water temperature: upto 65°C
- High quality long life mechanical seal
- Aluminium die cast, Aluminium extruded & CI body
- Single phase AC - TEFC motor (2Pole / 4Pole)suitable for 180-240V, 50 Hz
- Rotor: Dynamically balanced
- Pump Casing: Cast iron
- Shaft: Stainless steel
- Copper winding
- Direction of rotation: Anti-Clockwise when viewed from driving end
- In-built thermal overload protector (T.O.P.)
- Liquid: Clear Water

#### Applications for Self Priming Pumps:

- Water supply to residential buildings, garages, flats
- Gardening, farm houses & building construction
- Booster application
- Hotels, hospitals and fountains
- Water circulation

#### Standard Specifications for Domestic Openwell Submersible Pumps:

- Water Lubricated Motor
- Stainless steel stator body
- Stainless steel Rotor shaft
- Higher Operating Efficiency
- Low Maintenance Cost
- Low Power Consumption
- Dynamically Balanced Rotating Parts
- Pre-filled with Anti Corrosive Liquid
- CED coated CI parts to avoid rusting for long time
- Carbon + SS Thrust Bearing for Smooth functioning
- Noise less Operation
- Supply with Panel Board and Bend-Strainer set

#### Applications for Domestic Openwell Submersible Pumps:

- Water Lifting in Residential Bungalows, Flats & Building
- Gardening, Farms, Hotels, Hospitals & Building Construction
- Fountains

Note : Above features may vary according to Pump Models.



## Self Priming Monobloc Pumps

### NRV Series



Model	Motor		Pipe Size Suc X Dely (mm x mm)	Head in Meters																
				6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	52	55
	HP	Kw	Discharge in LPH																	
Magic	0.50	0.37	25 x 25	1550	1370	1260	1050	870	690	540	260									
Rio	0.50	0.37	25 x 25	1850	1500	1300	1100	800	300											
Rio HV	0.50	0.37	25 x 25	1850	1500	1300	1100	800	300											
Rio Plus	0.50	0.37	25 x 25	1850	1500	1300	1100	800	300											
Orbit II	0.50	0.37	25 x 25	1850	1500	1260	970	710	300											
Gold	0.50	0.37	25 x 25	2040	1780	1580	1350	1100	800	400										
Star II	0.50	0.37	25 x 25	1950	1550	1320	1020	780	450											
Coral	0.50	0.37	25 x 25	2100	1850	1630	1400	1150	900	600	350									
Aqua II	0.50	0.37	25 x 25	2150	1900	1700	1400	1100	900	750	350									
Flowmaster II	0.50	0.37	25 x 25	2250	2150	2000	1900	1750	1600	1300	1100	950	700	500						
Orbit I	1.00	0.75	25 x 25	2650	2330	2110	1840	1630	1450	1250	900	700	450(34)							
Star I	1.00	0.75	25 x 25	2650	2330	2110	1840	1630	1450	1250	900	700	450(34)							
Diamond	1.00	0.75	25 x 25	2700	2360	2150	1890	1680	1500	1300	1040	800	550	350						
Diamond HV	1.00	0.75	25 x 25	2700	2360	2150	1890	1680	1500	1300	1040	800	550	350						
Crystal	1.00	0.75	25 x 25	2640	2400	2230	2020	1840	1700	1550	1400	1250	1100	950	770	600	300			
Delta	1.00	0.75	25 x 25	3500	3270	3030	2800	2550	2300	2050	1850	1600	1350	1100	830	700	500			
Flowmaster I	1.00	0.75	25 x 25	3200	3175	3150	3100	2950	2800	2750	2520	2380	2200	2050	1950	1700	1550	1300	1100	900
Aqua I	1.00	0.75	25 x 25	3500	3300	2950	2800	2600	2500	2150	1900	1650	1500	1300	900					

Model	Motor		Pipe Size Suc X Dely (mm x mm)	Head in Meters																
				15	18	21	24	27	30	33	36	39	42	45	48	52	55	58	62	68
	HP	Kw	Discharge in LPH																	
Force	1.00	0.75	25 x 25	2520	2370	2160	2080	1920	1830	1620	1580	1510	1290	1180	1040	860	680	610	430	
Ultra	1.50	1.10	25 x 25	3600	3420	3200	3020	2880	2620	2560	2480	2340	2080	1940	1650	1400	1120	1040	790	430

### V Type



Model	Motor		Pipe Size Suc X Dely (mm x mm)	Head in Meters																
				6	9	12	15	18	21	24	27	30	33	36	39	42				
	HP	Kw	Discharge in LPH																	
Trishul I	0.50	0.37	25 x 25	3000	2500	2150	1950	1700	1500	1250	1000	750								
Trishul II	0.50	0.37	25 x 25	3000	2500	2150	1950	1700	1500	1250	1000	750								
Trishul	1.00	0.75	25 x 25			2200	2050	1900	1750	1575	1350	1100	975	850	725	600				





## Self Priming Monobloc Pumps

### Super Suction Series



Model	Motor		Pipe Size	Head in Meters											
			Suc X Dely	6	9	12	15	18	21	24	27	30	33	36	39
	HP	Kw	(mm x mm)	Discharge in LPH											
Ruby	0.50	0.37	15 x 15	1780	1630	1500	1350	1200	1000	770	500				
Ruby +	0.50	0.37	15 x 15	1860	1700	1560	1420	1260	1080	870	600				
Emerald	0.75	0.55	25 x 25	1950	1830	1660	1500	1330	1140	960	750	800			
Topaz	1.00	0.75	25 x 25	2130	1930	1770	1620	1430	1260	1100	930	730	450	200	
Topaz +	1.00	0.75	25 x 25	2440	2320	2180	2030	1860	1680	1510	1320	1120	900	670	360

### CMB Monobloc (Slow Speed)



Model	Motor		Pipe Size	Head in Meters							
			Suc X Dely	6	9	12	15	18	21	24	27
	HP	Kw	(mm x mm)	Discharge in LPH							
MMS	0.50	0.37	25 x 25	2880	2490	2020	1825	1500	1100	680	180
PMS	0.50	0.37	25 x 25	2850	2560	2340	1910	1670	1260	900	260

### Shallow Well Jet Pumps



Model	Motor		Pipe Size	Head in Meters										
			Suc X Dely	12	15	18	21	24	27	30	33	36	39	
	HP	Kw	(mm x mm)	Discharge in LPH										
PSWJ50	0.50	0.37	25 x 25	3700	3600	3350	2760	2040	1080	660				
PSWJ50C	0.50	0.37	25 x 25	2600	2500	2400	2200	1600	680	300				
PSWJ100	1.00	0.75	25 x 25		3840	3720	3240	2520	1860	1320	720			
PSWJ100C	1.00	0.75	25 x 25		2750	2650	2550	2400	2100	1600	1200	750	350	



## Self Priming Monobloc Pumps

### Jet Pumps



Model	Motor		Pipe Size	Head in Meters									
			Suc X Dely	8	12	16	20	24	28	32	36	40	44
	HP	Kw	(mm x mm)	Discharge in LPH									
PJC-100R	1.00	0.75	32 x 25 x 25	1350	1300	1250	1100	800	550	350			
PJCM-102	1.00	0.75	32 x 25 x 25	950	800	760	710	680	500	470	440	370	220

### DMB (Slow Speed)



Model	Motor		Pipe Size	Head in Meters													
			Suc X Dely	6	9	12	15	18	21	24	27	30	33	36	39	42	45
	HP	Kw	(mm x mm)	Discharge in LPH													
Jupiter	1.00	0.75	25 x 25	2760	2640	2400	2250	2010	1770	1650	1440	1290	1080	900	720	540	360

## Domestic Openwell Submersible Pumps



### Domestic Openwell



Model	Motor		Outlet Size (mm)	Head in Meters												
				6	9	12	15	18	21	24	28	30	32			
	HP	Kw	Discharge in LPH													
PUOW1H0.5025A25L-50EL	0.50	0.37	25	8100	7500	6600	4800									
PUOW1H0.5025C25L-050	0.50	0.37	25	10200	9000	7800	6300	4200								
PUOW1H0.5025C25L-050K	0.50	0.37	25	10200	9000	7800	6300	4200								
PUOW1H1.0032C25L-1EL	1.00	0.75	25			10800	9900	8400	7500	5400						
PUOW1H1.0032C25L-01L	1.00	0.75	25				10800	9900	8400	6600	3000					
PUOW1H1.0032C25L-01LK	1.00	0.75	25				10800	9900	8400	6600	3000					
PUOW1H1.0032C25L-01H	1.00	0.75	25				11700	10800	9300	8100	5700	4200	2400			
PUOW1H1.0032C25L-01HK	1.00	0.75	25				11700	10800	9300	8100	5700	4200	2400			
PUOW1H1.5040C40L-150	1.50	1.10	40				16800	15000	12900	10500	6600					
PUOW1H2.0050C50L-200	2.00	1.50	50					17400	15000	14100	9600	6600				
PUOW3H1.0032C25L-100*	1.00	0.75	25				10800	9900	8400	6600	3000					
PUOW3H1.5040C40L-150*	1.50	1.10	40				16800	15000	12900	10500	6600					
PUOW3H2.0050C50L-200*	2.00	1.50	50					17400	15000	14100	9600	6600				

Note: \* indicates 3PH

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