

# 5" Openwell Submersible Pump

## Applications

- For water supply from open wells, tanks or reservoirs.
- For domestic use, Civil and industrial applications.
- For garden and irrigation, Utilization of rain water

## Performance Range

- Flow: Up to 133 LPM
- Head: Up to 85 Meters
- Speed: 2900 RPM

## Application Limits

- Water temperature :Up to 35°C
- Minimum internal diameter of well: Ø132mm.
- With Extra suction cover for more safety.
- Minimum Immersion Depth : 100 Meters
- Maximum immersion depth:20Meters suitable (with cable length)

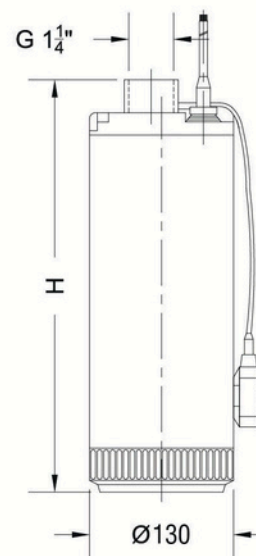
## Motor Details

- 2 Pole oil lubricated motor
- Insulation class : F
- Protection Class : IP68
- Power Rating 0.75KW to 1.5 KW
- Power Supply: Single Phase 220V ± 10%
- Motor winding: 100% copper

## Function and feature

- Single phase with built-in capacitor and thermal protector on control box required Three phase with built-in thermal protector
- Hermetically sealed motor equip build-in thermal protection. The protector in the motor can automatically cut off the power when it overheats or over current.
- Close coupled multi-stage submersible pump in chrome –nickel stainless steel.
- Hydraulic part under the motor and motor cooled by the pumped water for safe operation also with the pump only partially immersed.
- Double shaft seal with interposed oil chamber
- The suction strainer prevents the entrance of solids with diameter bigger than 2 mm.

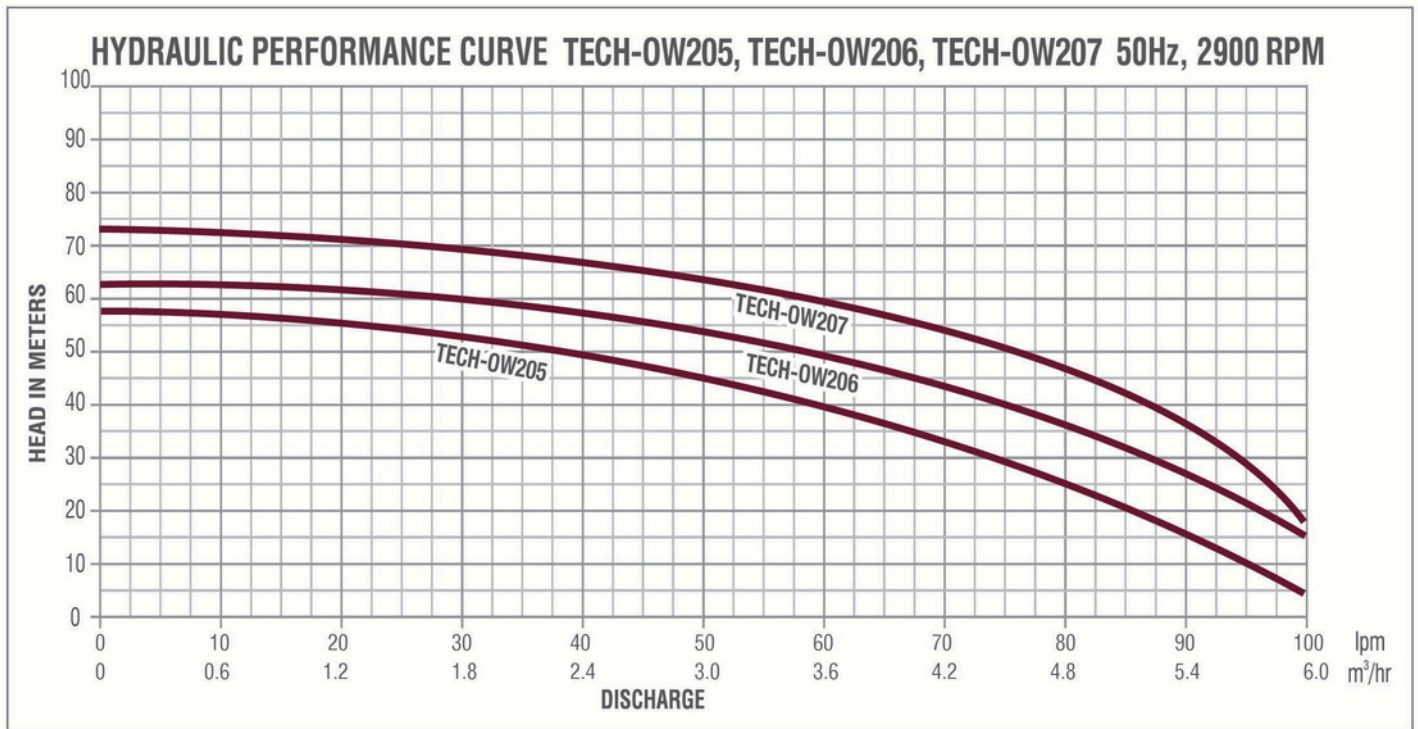
**MODEL**  
**TECH-OW205**  
**TECH-OW206**  
**TECH-OW207**  
**TECH-OW406**  
**TECH-OW408**



## PERFORMANCE CHART

Model	Power		Outlet Inch	H (MM)	N.W (Kg)	Cable (mtr)	Max Flow (LPM)	Q	US GPM										
	KW	HP							0	4	7	9	11	13	15	18	20	27	
									M <sup>3</sup> /H	0	1	1.5	2	2.5	3	3.5	4	4.5	6
TECH-OW205	0.75	1	1 1/4"	565	15.6	30	100	H meters	0	17	25	33	42	50	58	67	75	100	
TECH-OW206	0.9	1.2		598	16.7	35			47	44	41	38	35	31	27	23	17	12	
TECH-OW207	1.1	1.5		623	17.5	40			61	55	52	49	45	40	35	29	22	15	
									71	67	63	59	54	48	42	33	23	17	

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	M³/H	0							2.5	3	3.5	4	4.5	5	6	7	8		
	LPM	0							42	50	58	67	75	83	100	117	133		
TECH-OW406	1.1	1.5	1¼"	680	22.5	40	133	H meters	65	60	58	56	54	51.5	49	42	34	20.5	
TECH-OW408	1.5	2	2"	708	28.5	50		85	80	77.5	75	72	68.5	65	56	45	27.5		

