

ADVANTAGES	Helicon screw pump	Centrifugal pump	Gear pump	Piston pump	Dia-phragm pump	Lobe pump	Vane pump
1. High suction capability	●		●	●	●	●	
2. High pressure developing capability	●		●	●			●
3. High percentage of solids easily handled	●			●	●		
4. Highly viscous fluids handled	●			●		●	
5. No pressure loss at high speed	●		●	●		●	●
6. Can handle non-lubricating and abrasive fluids	●	●			●		
7. Larger capacities	●	●					
8. Capable of working against high vacuum	●			●			
9. Pulsation free flow	●	●	●			●	●
10. Flow rate barely affected by pressure change	●		●	●		●	●
11. Output unaffected by varying solids content	●				●		
12. Output proportional to speed	●		●	●	●	●	●
13. Steady delivery at low flow conditions	●		●	●		●	●
14. Self priming	●	●		●	●	●	●
15. Non clogging	●						
16. Reversible	●		●			●	●
17. No vapour or air locks formed	●		●	●	●	●	●
18. Low running costs for same pumping conditions	●						
19. Low noise	●				●		
20. Difficult to maintain valves eliminated	●		●			●	●
21. Less wear due to low speed operation	●					●	
22. Easy on-site maintenance	●						
23. Low maintenance costs	●	●					
24. Wide choice in material of construction	●	●			●		

ADD:- CHANDRA HELICON PUMPS PVT. LTD.

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