



## SCREW PUMP

### APPLICATIONS

• The main components which characterize the pump are a metallic single helical rotary part ROTOR and fixed double helical resilient polymer part STATOR in which the rotor turns and thereby a complex progressive sealing line (cspl) is maintained. Whilst the rotor rotates inside the stator, the cavities formed between them progress from suction to discharge end, gently carrying the media.

### DRIVE ARRANGEMENTS

• DIRECT drive electric motor, geared motor, gear box, Mechanical Speed Variator, Eddy Current DC Drive, Hydraulic, Pneumatic, Petrol & Diesel Engines.

• For accurate and variable flow rates, AC Variable frequency Drives can be used.

### SPECIFICATION

- **Flow Rate** : UP TO 100 M<sup>3</sup> / Hr
- Differential Pressure 24 Bar

(for more system pressures, contact factory assistance)

- **Viscosity** : UP TO 1,00,000 cst
- **Temperature** : UP TO 150°C
- **Suction Lift** : 8 mlc Max



### MATERIAL OPTIONS

- **Housing Parts** : AISI304, AISI316, AISI316L
- **Rotor & Shaft** : AISI304, AISI316, AISI316L
- **Stator** : NBR, HNBR, EPDM, CSM, Q

white, food grade, abrasion resistant & high temperature resistant variants.





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Video Link : <https://www.youtube.com/watch?v=SkE8CKyDLNk>  
<https://www.youtube.com/watch?v=GFEDVMoMljQ>