

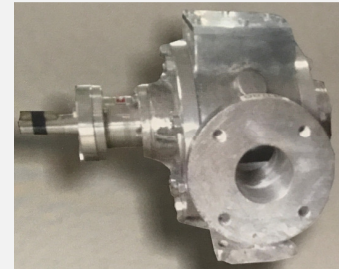
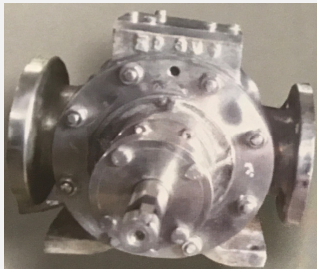


ALPHA GLOBAL



SLIDING VANE PUMPS:

We An ISO 9001:2015 Company offer Sliding Vane Pumps of having unique pumping principle of eccentrically mounted rotor with vanes sliding on precision slots. Our Vane Pumps has designed in keeping with industry's specific requirements and having unique features. Our sliding Vane Pumps can be used for pumping any liquid, from very light, medium to high viscous fluids like gum or molasses.



Principal of Operation:

The pumping principle is very simple. An elliptical shaped rotor rotates in a cylindrical housing and is carried round from suction to discharge. A hinged sealing arm, which follows the surface of the rotor, scrapes off the pumped medium and directs it up into discharge. The sealing arm is spring loaded to maintain contact with the rotor, however, above 2 bar It is assisted by the discharge pressure, so the spring force is unnecessary. Special care has been taken in designing the suction branch to ease the flow into the pumps. This avoids starvation and allows the pump to run at higher speeds.

Inlet / Outlet	Maximum Speed	CAP / 100 Rev. Ltrs.	Capacity at Max. Speed Ltrs / Hr.
1/2" x 1/2"	1440	1.75	1500
1" x 1"	1440	3.4	3200
1 1/2" x 1 1/2"	960	10.3	6000
2" x 2"	720	38	14000
3" x 3"	600	50	21000
4" x 4"	600	150	54000
5" x 5"	500	240	72000
6" x 6"	400	350	85000

Applications: *Edible Oils, Petroleum Products, Coal tar, Molasses, Paints, Additives, Acids, Slurries, Syrups, Glucose, Chemicals, Creams, Effluents, ETC,,,*

Contact:



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