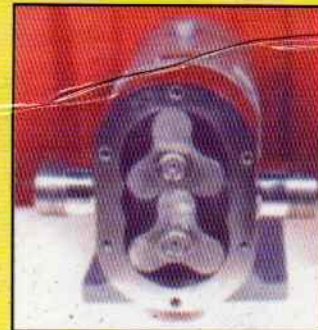


# STAINLESS STEEL LOBE PUMP HYGIENIC AND SANITARY PUMPS

## S. R. POSITIVE ROTARY LOBE PUMP

All Parts in contact with the product liquid are made form AISI-316 quality stainless steel alloys to meet exacting requirements of hygienic standard.

1. As the rotors start to rotate, an expanding cavity is formed by totation of the lobes which creates a vacuum at the inlet port, drawing liquid in pumping chamber.
2. The product liquid is carried between the lobes and positively displaced, thereby sealing itself against the internal faces of the pump casing.
3. The other lobe chamber is filed with the product liquid and about to commence it's discharge cycle.
4. Finally the product liquid is forced or pressed out of discharge port of the pump in continuous smooth flow and pressure generated by the meshing of the lobe rotors.



### Full Range of S. R. Lobe pump performance data

Model	Port Connection	Max head		Max speed R.P.M.	HP	Pump Max Capacity L.P.H.
		Bar	Psi			
SRL 1	25 mm (1")	4	60	700	2	6000
SRL 1.5	38 mm (1½")	6	85	440 to 700	3	10000
SRL 2	50 mm (2")	8	142	400 to 700	5	12000
SRL 3	75 mm (3")	10	155	300 to 510	7.5	36000

1. **Built-in-with relief valve** : This is also fully interchangeable. But the adjustable automatic spring loaded pressure relief valve provides a definite means of protection.
2. **Jacketed front cover** : Jacketed rotor case front cover suitable for heating and cooling with any medium (water, steam, oil etc. A built-in-relief valve cannot be used if this type of front cover is fitted).

### TYPICAL PRODUCTS EFFICIENTLY HANDLED BY S. R. POSITIVE ROTARY PUMPS



BAKERY PRODUCT  
BEVERAGE PRODUCTS  
CHEMICAL PRODUCTS  
CANNING PRODUCTS

: Butters, flavorings, frostings, fruit fillings, fats & oil, sweeteners, yeast slurry.  
: Beer, wort, yeast, alcohol, wines, soft drink, fruit concentrates & fruit drinks.  
: Acetone, Adhesive, alcohol, alkyd resins Ammonia, amylacetate, barium Sulphate, benzene.  
: Potato salad, baby foods, soups, sauces, salad dressing, tomato ketchup, fruit Juice, pumpkin slurry, cream style vegetable, jams, jellies and mayonnaise.

CONFECTIONERY PRODUCTS  
COSMETIC PRODUCTS  
DAIRY PRODUCTS

: Sugar syrup, cream filling, chocolate mixture, choco-milk.  
: Face cream and lotion, lipstick, hair dye, essential oil, shampoo, shaving cream, toothpaste.  
: Butter, butter milk, milk cream, milk condensed, margarine, ice cream, milk fruit, yoghurt, cheese curd and whey.

MEAT PRODUCTS

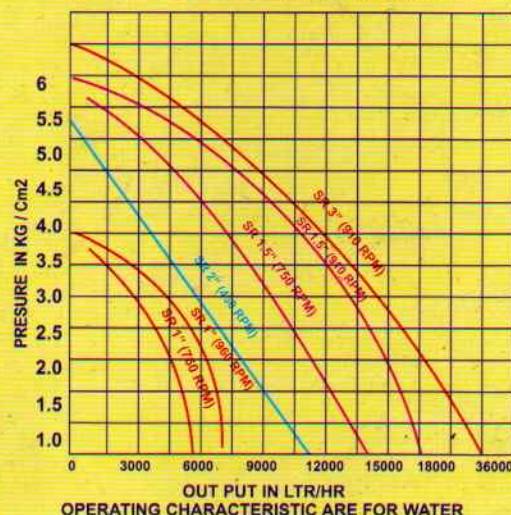
: Mear chunk, sauce and paste, meat ground, petfood.

PHARMACEUTICAL PRODUCTS

: Antibiotics, Streptomycin, cough syrup, health tonic, pil paste, Syrups and Extract, vitamin malt fish oil, emulsions.

### S. S. LOBE PUMP VERSATILITY IN CONSTRUCTION

FULL RANGE OF S. R. LOBE PUMP PERFORMANCE DATA



**SI2** The wide variety of pumps model available to suit customer's specific requirements.

