

# EBSRAY PUMPS



## ROTARY SLIDING VANE PUMP V SERIES - MODEL V30

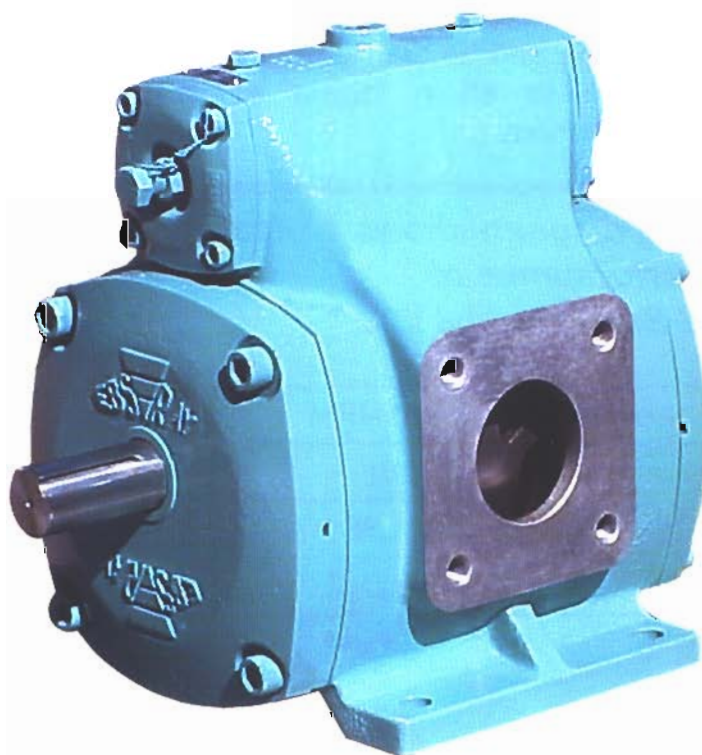
Sliding vane design ensures new pump performance over the working life of the pump by self compensation for any wear that may take place.

### FEATURES

- ✓ High Overall Efficiency
- ✓ Low Maintenance - Long life
- ✓ Excellent Self Priming and Air Handling Characteristics
- ✓ Easy Pull Out Construction
- ✓ Direct Coupling to Synchronous Speed motors
- ✓ Rotation to Suit Fluid Flow CW or CCW
- ✓ Variable Mounting Orientation
- ✓ Lightweight - Robust - Compact
- ✓ Vanes Positively Actuated
- ✓ Integral Adjustable Bypass Valve
- ✓ Replaceable Internal Wearing Parts
- ✓ Reversible Wear Plates
- ✓ Replaceable Body Liner
- ✓ Bearings Isolated From Pumpage by Balanced Mechanical Seals
- ✓ Standard Pressure Retaining Components Available in Aluminium, Cast Iron, S.G. Iron, and Cast Steel

### ASSURED PERFORMANCE

The design features of the pump enable reliable operation over a long working life, and trouble free service is assured by utilising the latest hydraulic design and component materials within the pump. EBSRAY spare parts are closely toleranced ensuring interchangeability and speedy repairs when necessary. All standard spare parts are readily available thus guaranteeing continuity of pump maintenance services.



### TYPICAL SERVICES

Transport Tanker Services  
 Petroleum and Fuel Oil Industries  
 Edible Oil Industry  
 Chemical and Pharmaceutical Industries  
 Power Stations  
 Paint Industry  
 Public Utilities  
 Marine

### COMMON LIQUID APPLICATIONS

Fuel Oils	Transformer Oils
Lube Oils	Solvents
Distillate	Chemicals
Petrol	Vegetable Oils
Kerosene	L.P. Gas

# V30

Designed and precision built for efficient transfer of a variety of liquids having lubricating or non-lubricating characteristics.

## HIGH PUMP EFFICIENCY

Being of the "Sliding Vane Principle", all EBSRAY V SERIES pumps will operate efficiently over a wide range of pressures, viscosities and speeds.

A typical illustration is shown in the diagram opposite, and under ideal conditions it is possible to attain higher efficiency than indicated here.

## PERFORMANCE

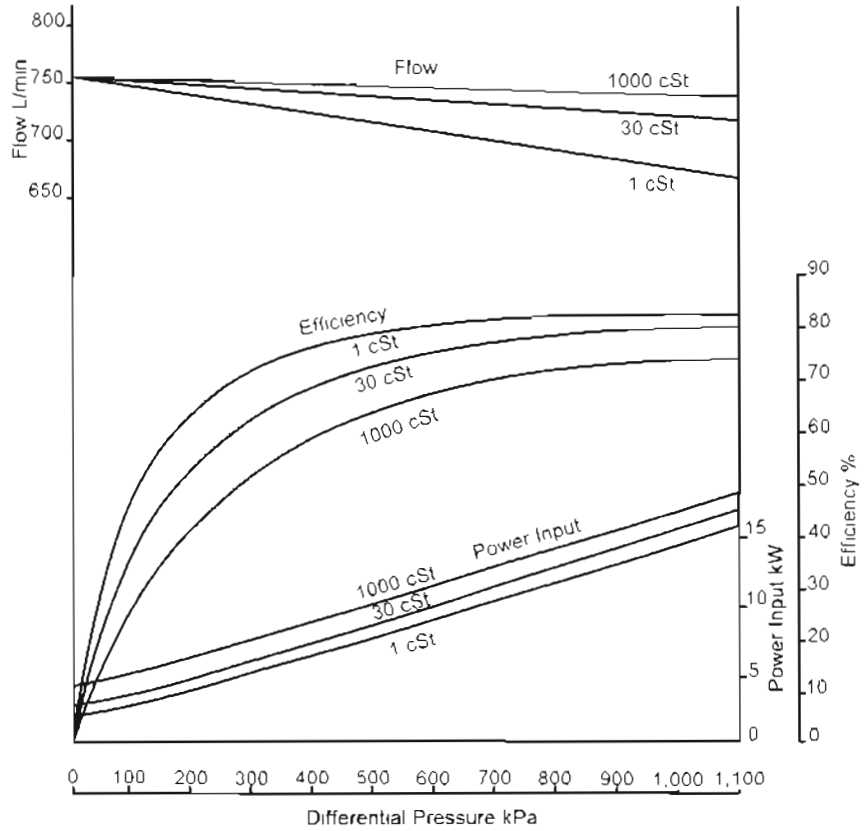
(Recommended maximums)

Flow Lit/min	1,000
Speed RPM	960
Diff' Pressure kPa	1,100
Viscosity cSt	10,000
Temperature °C	100
Nom' port size mm	80

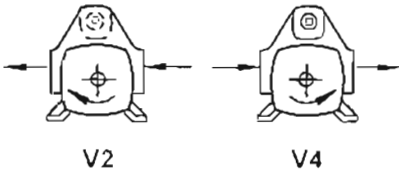
Bare Pump Weight:  
Aluminium Construction 56 kg  
Cast Iron Construction 80.5 kg

The diagram shows typical performance of V Series Model V30

Speed:	720 RPM
Kinematic Viscosity:	1 cSt
	30 cSt
	1,000 cSt



## PORTING CONFIGURATIONS V30



NOTE: All specifications and illustrations are typical only and subject to revision without notice. Certified data available upon request.

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