

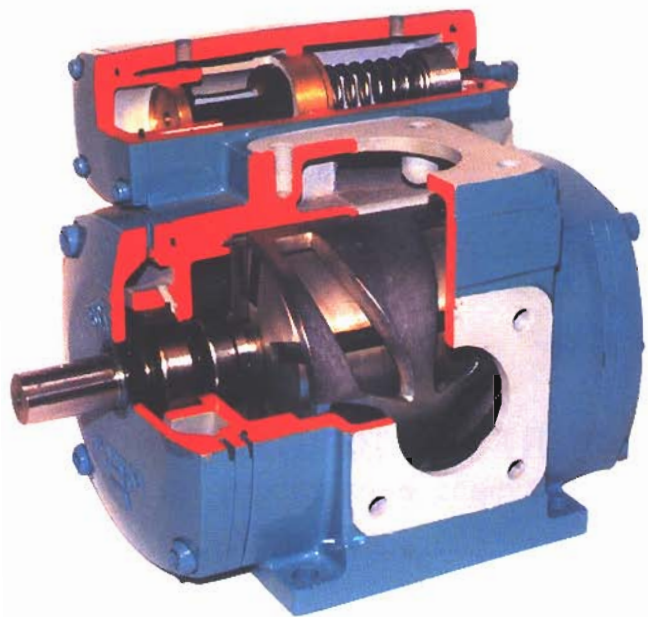
# EBSRAY PUMPS



## ROTARY SLIDING VANE PUMP V SERIES - MODEL V35

### FEATURES

- ▶ High Overall Efficiency
- ▶ Low Maintenance - Long life
- ▶ 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 / Reversible Wear Plates
- ▶ Replaceable Body Liner
- ▶ Bearing Isolated From Pumpage by Balanced Mechanical Seals
- ▶ Multiple Port Configuration
- ▶ Standard Pressure Retaining Components Available in Aluminium, S G. Iron, Cast Iron and Cast Steel



### ASSURED PERFORMANCE

The design features of the pump enable reliable operation over a long working life, and trouble free service expectancy is achieved by utilising low maintenance components within the pump. EBSRAY spare parts are closely toleranced ensuring quick replacement and interchangeability. All standard spare parts are readily available thus guaranteeing continuity of pump maintenance services.

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

### TYPICAL SERVICES

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

### COMMON LIQUID APPLICATIONS

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

Head Office and Works  
628 Pittwater Road  
Brookvale NSW 2100  
Australia

Phone: (+61 2) 9905 0234  
Fax: (+61 2) 9938 3825  
[www.ebsraypumps.com.au](http://www.ebsraypumps.com.au)

**EBS-RAY PUMPS PTY. LIMITED**

ABN 52 000 061 003



Branch Office Victoria  
Phone: (03) 9706 7263  
Fax: (03) 9706 7312

Branch Office Queensland  
Phone: (07) 3260 7411  
Fax: (07) 3260 7422

## 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.

The diagram shows typical performance of V Series Model V35

Speed: 720 RPM  
 Kinematic  
 Viscosity: 1 cSt  
 30 cSt  
 500 cSt

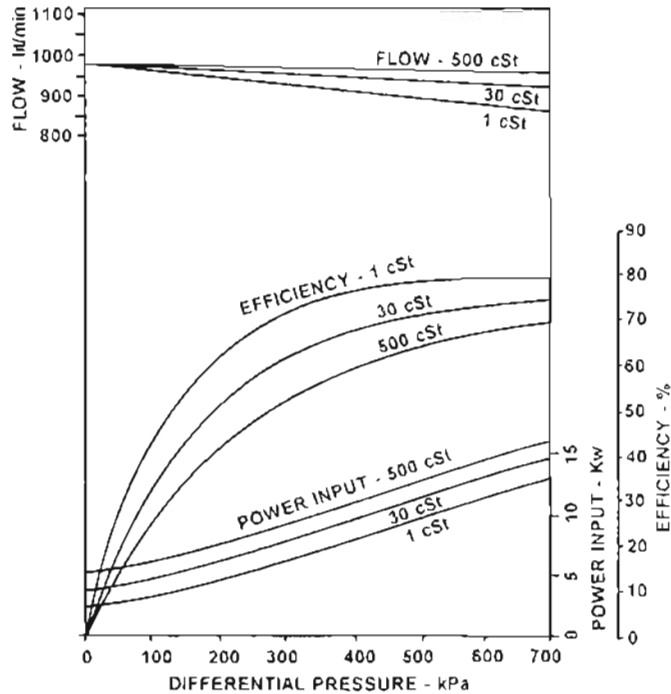
## PERFORMANCE

(recommended maximums)

Flow Lit/min	1300
Speed RPM	960
Diff Pressure kPa	860
Viscosity cSt	10,000
Temperature °C	100
Nom' port size mm	90

## V35

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



Bare Pump Weight:  
 Aluminium Construction 67.4 kg  
 Cast Iron Construction 87.5 kg

## STANDARD PORTING CONFIGURATIONS

These designations apply when the pump is viewed "from" the drive end. Clockwise rotation pumps have the Bypass Valve Adjusting Screw "opposite" the drive end, Anticlockwise rotation pumps have the Bypass Valve Adjusting Screw "at" the drive end.

