

LIQUID RING VACUUM PUMP | DSV SERIES | DOUBLE STAGE

Size: DSV 140 | 180 | 300 | 350 | 400 | 500 | 600 | 800 | 1200 | 1600

Performance: Using water of 15°C as service liquid and pressure of 1013mbar at the discharge branch, the lowest suction pressure achievable is 33mbar. With other service liquid such as oil, which has a low and stable vapour pressure, deeper vacuum of 25mbar (abs) may be achieved.

Specifications:



- Standard Construction: Cast Iron Body, Stainless Steel Impeller (*Optional Fully Stainless or Duplex*)
- Adaptable to most duties with appropriate selection of material and service liquid
- Oil-Free operation
- Applied to almost all gases and vapours
- Gases being pump can be saturated with vapour
- Small quantities of entrained liquid can be handled
- Compression of gases and vapours being pumped is nearly isothermal
- Reliable operation with minimum maintenance
- Low noise and vibration levels

Standard Execution:

The DSV series is of double stage displacement type where the only movable parts are the shaft and the vane wheel impellers. They do not touch the stationary pump parts. Both shaft ends run in anti-friction bearings. For sealing, mechanical seals are applied

Spares Interchangeability with common market brand:



Schematic for complete DSV Vacuum Pump System:

