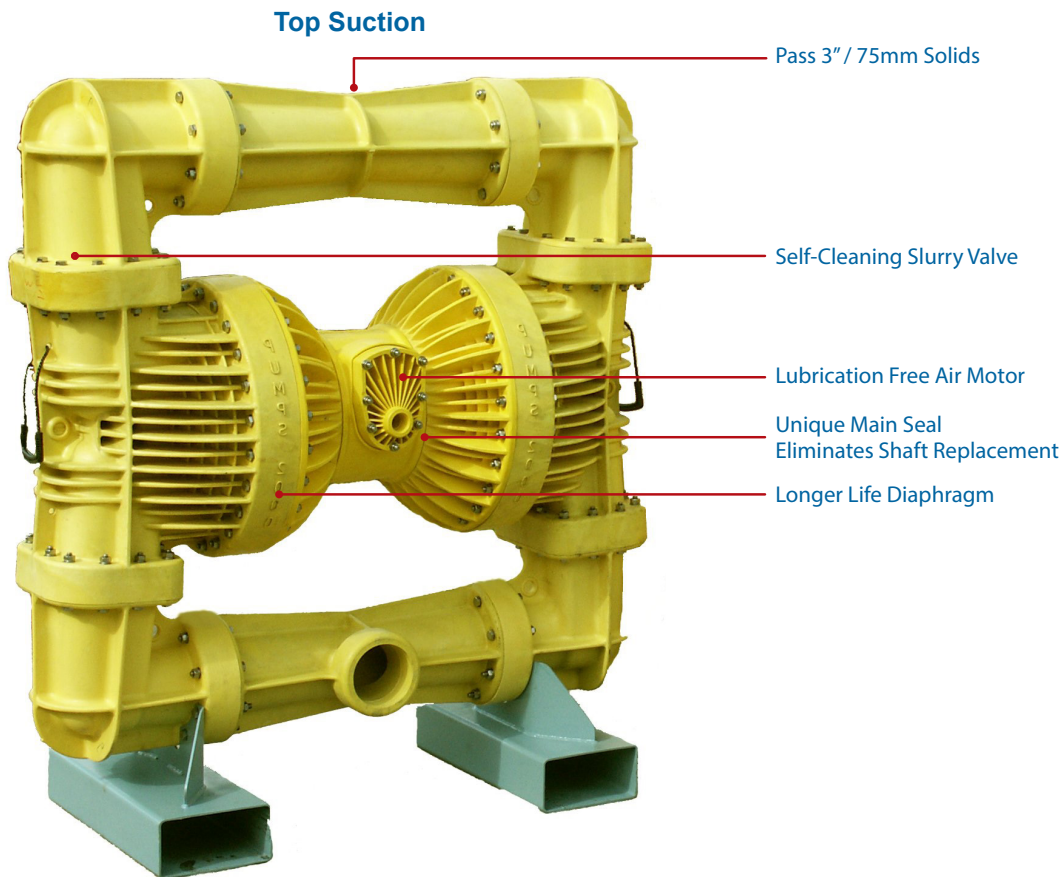




HIGH VOLUME Pneumatic Diaphragm Pump

HV100SY - 4" / 100mm Slurry Valve



Yellow Series
General Purpose
Nylon Body – Hytrel Elastomers
ATEX M2 Rating

Other materials are available to suit your specific application

Features

- > Patented design components
- > Simple design with fewer wear parts
- > Large particle handling
- > Low air consumption
- > Lightweight
- > Rugged & impact resistant
- > Lubrication free
- > No end of life – can always be repaired
- > ATEX M2 certified
- > Low noise levels

Benefits

- > Increased productivity
- > Reduced costs – pays for itself
- > Increased reliability & longer life
- > Less downtime & maintenance
- > Easier to diagnose & repair
- > Save on energy costs –
more air available for other equipment
- > Fewer injuries
- > No pollutants (oil free)
- > Safe for hazardous environments

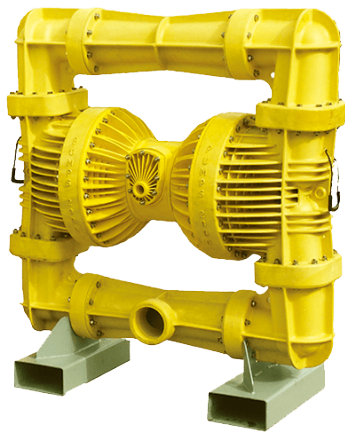


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FLUID SYSTEMS & COMPONENTS

Pumps 2000 Pneumatic Diaphragm Pump

HV100SY - 4" / 100mm Slurry Valve

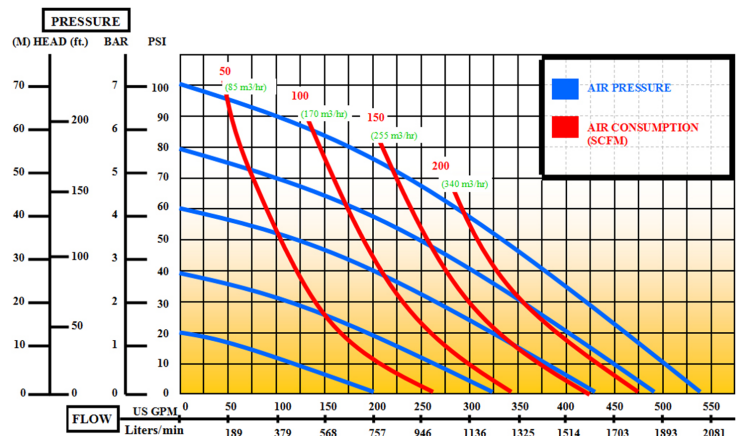


Slurry Valve

"Pumps 2000" pneumatic diaphragm pumps are specifically designed for harsh mining duties to outperform and outlast the competition due to a number of patented design features. The light weight feature provides ease of mobility and reduces the risk of injury. Low air consumption and long lasting lubrication free parts means low cost running and reduced maintenance.

Suitable for pumping applications in all industries.

Performance Curve



AIR PRESSURE:	Tested at 100 psi / 690 kPa (not to exceed 125 psi / 861 kPa)
FLOW RATE:	0-540 gpm / 2044 Lpm
FLUID CONNECTION:	4" / 100mm (Internal Thread)
AIR INLET PORT:	1" / 25mm (Internal Thread)
EXHAUST PORT:	1 ½" / 40mm (Internal Thread)
DELIVERY PRESSURE:	Tested to 87 psi / 600 kPa
SUCTION LIFT:	Tested to 24' / 7m dry and 30.5' / 9m wet
SOLIDS HANDLING:	3" / 75mm
PUMP WEIGHT:	From 320 lbs / 145kg

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