

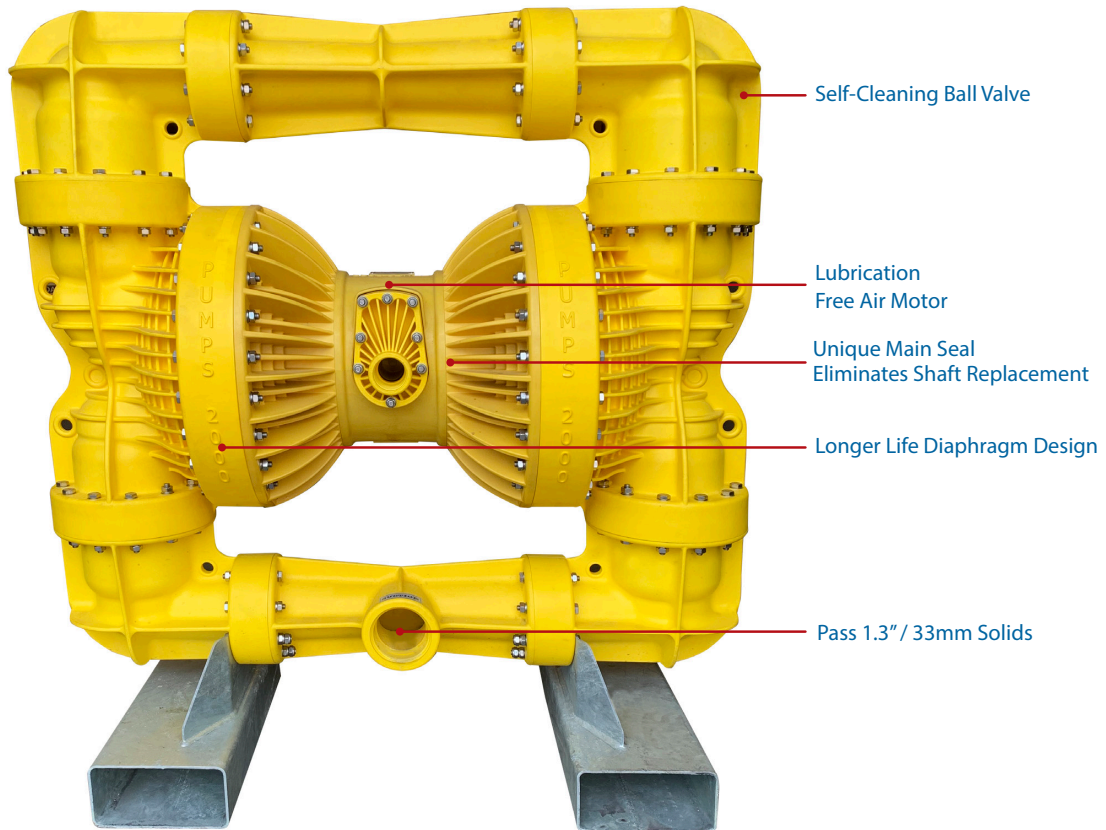
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TRIDENT AUSTRALIA
FLUID SYSTEMS & COMPONENTS



HIGH VOLUME Pneumatic Diaphragm Pump

HV75BY - 3" / 75mm Ball 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

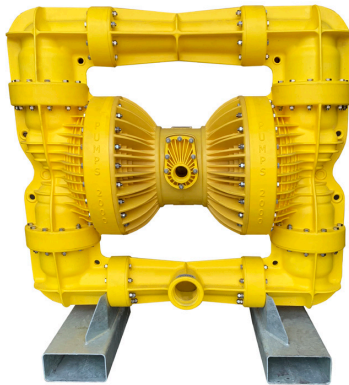
Benefits

- > 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



Pumps 2000 Pneumatic Diaphragm Pump

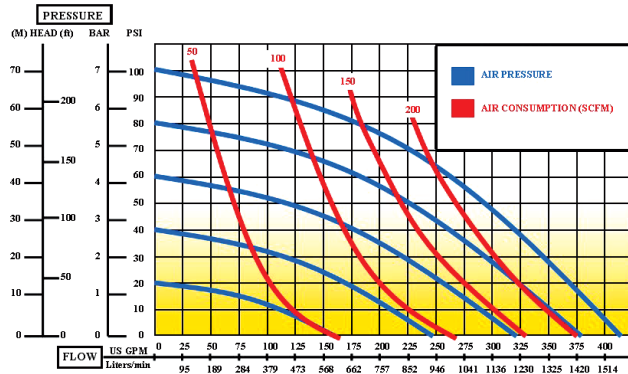
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Ball Valve

"Pumps 2000" pneumatic diaphragm pumps were 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. **Ideally suited 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:** 0-416 gpm / 1575 Lpm
- FLUID CONNECTION:** 3" / 75mm (Internal Thread)
- AIR INLET PORT:** 1" / 25mm (Internal Thread)
- EXHAUST PORT:** 1 1/2" / 40mm (Internal Thread)
- DELIVERY PRESSURE:** Tested to 87 psi / 600 kPa
- SUCTION LIFT:** Tested to 19' / 6m dry and 31' / 9m wet
- SOLIDS HANDLING:** 1.3" / 33mm
- PUMP WEIGHT:** From 294 lbs / 133kg

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