

Self-Cleaning  
Ball Valve

Lubrication Free  
Air Motor

Unique Main Seal  
Eliminates Shaft  
Replacement

Longer Life  
Diaphragm

Pass 5/16" / 8mm  
Solids

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

*Other materials are available to suit your specific application*



**Red Series - P25BR**  
FRAS (Fire Retardant Antistatic) Nylon Body- Hytrel Elastomers- For Explosive Environment- ATEX M1 Rating



**Blue Series - P25BB**  
Polypropylene Body- Santoprene Elastomers- For Acids, Caustics, Chemicals- ATEX M2 Rating



**Ebony Series - P25BE**  
Noryl Body- Corrosive Resistant Internals- For Acids And Other Hazardous Liquids, ATEX M2 Rating

### 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 M1 and 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

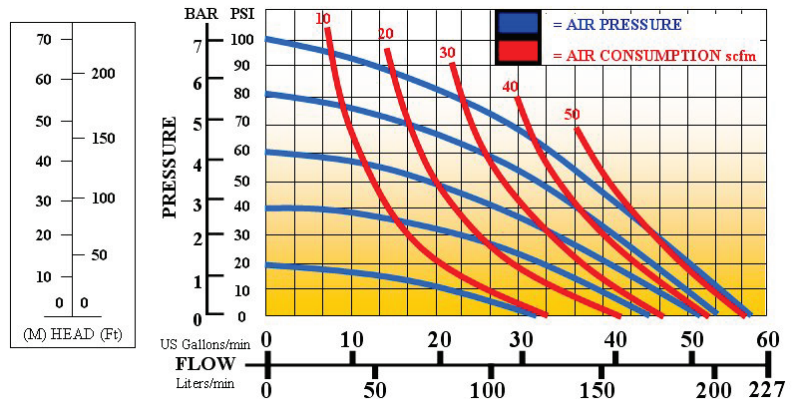
## P25BY - 1" / 25mm Ball Valve



### 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:** 0-58 gpm / 220 Lpm

**FLUID CONNECTION:** 1" / 25mm (Internal Thread)

**AIR INLET PORT:** 1/2" / 15mm (Internal Thread)

**EXHAUST PORT:** 3/4" / 19mm (Internal Thread)

**DELIVERY PRESSURE:** Tested to 87 psi / 600 kPa

**SUCTION LIFT:** Tested to 19' / 6m dry and 31' / 9m wet

**SOLIDS HANDLING:** .31" / 8mm

**PUMP WEIGHT:** Yellow Series – 18lbs / 8.2kg  
Red (FRAS) Series – 21lbs / 9.1kg  
Blue Series – 15lbs / 6.8kg  
Ebony Series – 17lbs / 7.7kg



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