



4

Abrasive Metering Valves

- Manual Plunger
- Automatic Plunger
- Metering Disc
- Ball Valve



Corsa II NPT Valves With Urethane Sleeve



Product Features

The PanBlast™ Corsa II valve is an improved, normally closed abrasive metering valve requiring a pilot air signal to permit abrasive flow. The valve may be used on both pressure hold blast pots and pressure release blast pots. The NPT version is intended for use with most US equipment and is available in various sizes and multiple configurations.

- ▶ Quick valve actuation.
- ▶ Anti-vibration washer.
- ▶ Exhaust filter prevents dust from entering air chamber.
- ▶ Tungsten carbide plunger.
- ▶ Hardened connecting nipple.
- ▶ Piston travel stop nut.
- ▶ Improved plunger seat and piston design.
- ▶ Stainless steel internal parts.
- ▶ Clean out/drain port.
- ▶ Graduation markings.

Common Applications

- ▶ Pressure hold blast pots and multiple outlet blast pots.
- ▶ Pressure release blast pots, to prevent unwanted filling of blast hose.

Complementary Products



Couplings & Nozzle Holders



Blast Nozzles



Whip Check Cables



Blast Hoses



AirStop II Pneumatic Handle



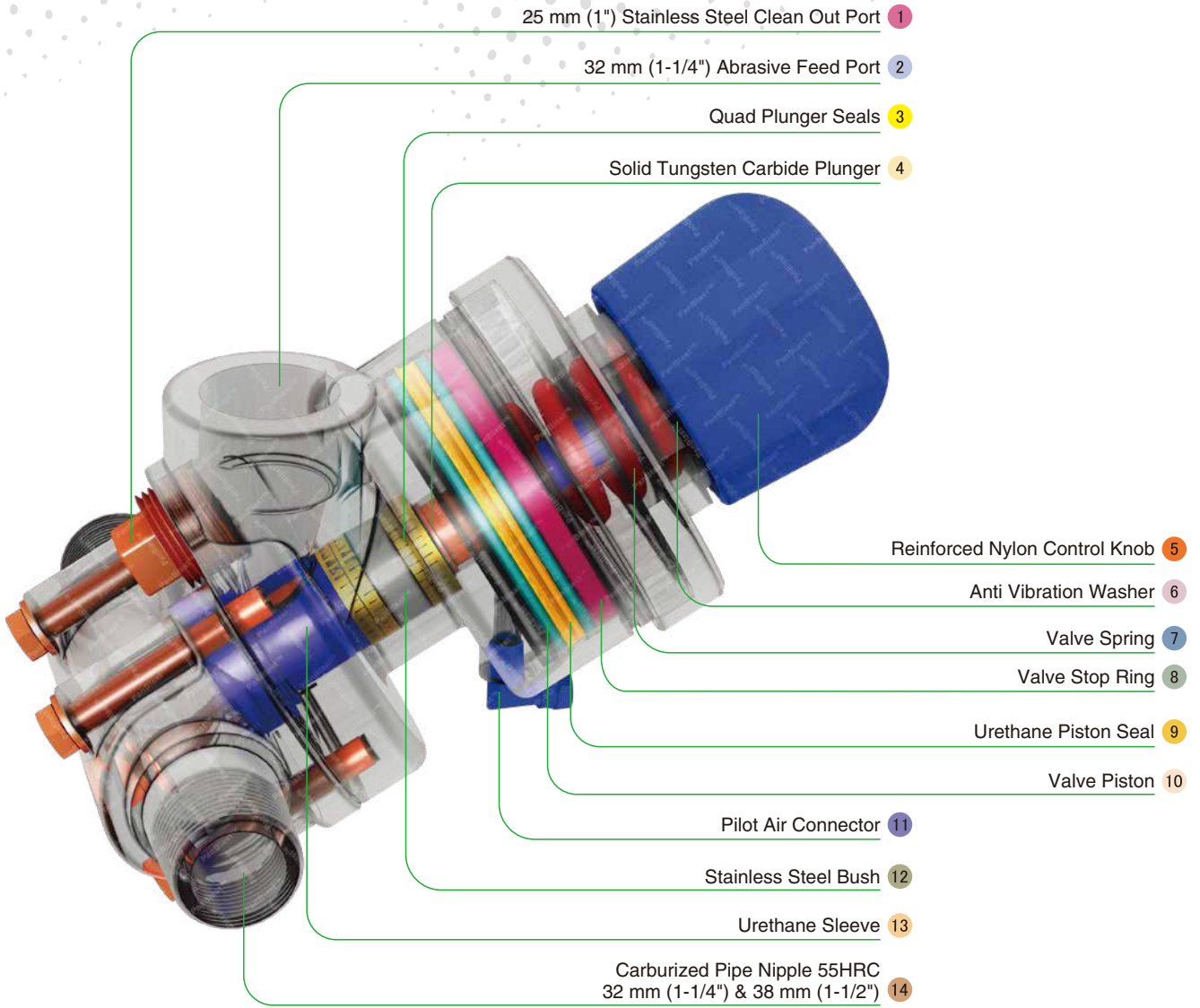
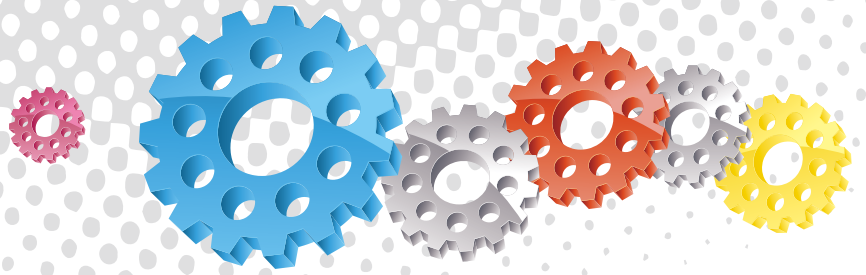
Plastic Media



Steel Shot



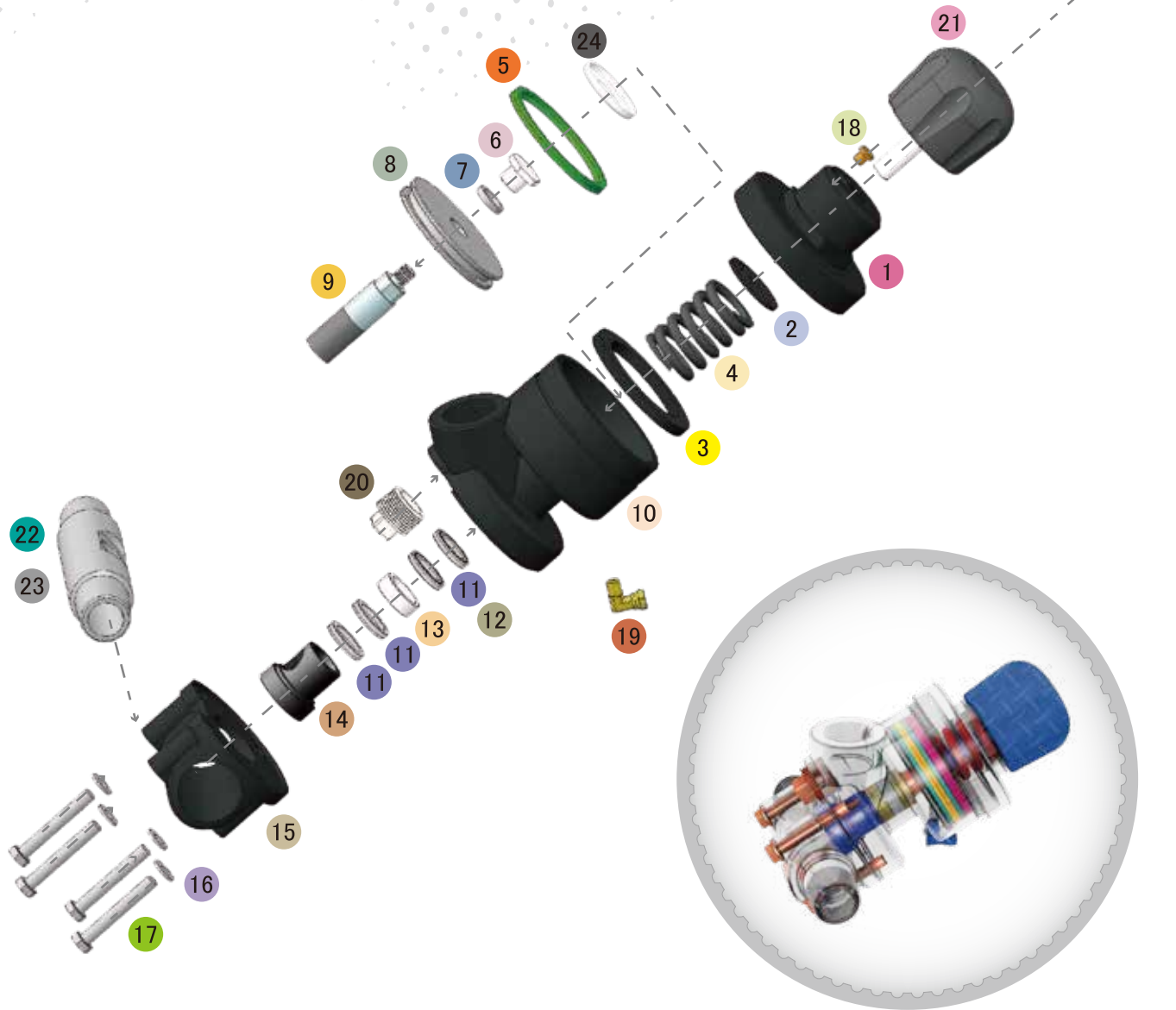
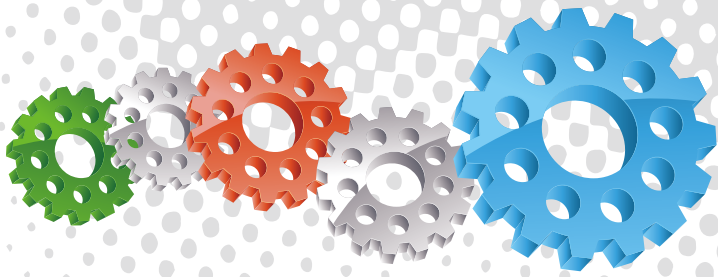
Stainless Steel Shot



Component Highlights



- | | | |
|---|-------------------------|--|
| 1 25 mm (1") Stainless Steel Clean Out Port | 6 Anti Vibration Washer | 11 Pilot Air Connector |
| 2 32 mm (1-1/4") Abrasive Feed Port | 7 Valve Spring | 12 Stainless Steel Bush |
| 3 Quad Plunger Seals | 8 Valve Stop Ring | 13 Urethane Sleeve |
| 4 Solid Tungsten Carbide Plunger | 9 Urethane Piston Seal | 14 Carburized Pipe Nipple 55HRC
32 mm (1-1/4") & 38 mm (1-1/2") |
| 5 Reinforced Nylon Control Knob | 10 Valve Piston | |



Assemblies

Stock Code	Description	Weight
BAC-VA-PB-0186	Corsa II NPT 1-1/4" With Urethane Sleeve	5.90 kg (12.98 lbs)
BAC-VA-PB-0191	Corsa II NPT 1-1/2" With Urethane Sleeve	6.10 kg (13.42 lbs)

Service Kits

Stock Code	Description	Include Items
BAC-VA-PB-0119	Corsa II Urethane Seal Kit	5 11 12 13 14
BAC-VA-PB-0139	Corsa II Piston Kit	2 3 4 5 6 7 8
BAC-VA-PB-0212	Corsa II NPT Valve Base Kit	15 16 17
BAC-VA-PB-0223	Corsa II NPT Urethane Sleeve Kit	5 11 12 14



All data and information subject to change without prior notice. Brochure reference CAT-0702-05-01



Parts List



Description	Qty	Description	Qty	Description	Qty
1 Top	1	9 Tungsten Plunger	1	17 Hex Head Bolt	4
2 Anti-Vibration Washer	1	10 Corsa II Cylinder NPT	1	18 Exhaust Filter	1
3 Stop Ring	1	11 Plunger Seal	4	19 Elbow With Nut - NPT	1
4 Spring	1	12 O-ring	2	20 Plug - NPT - Stainless Steel	1
5 Piston Seal	1	13 Bush	1	21 Control Knob	1
6 Plunger Cover	1	14 Urethane Sleeve	1	22 Pipe Nipple 1-1/4" X 1-1/4" NPT (Applicable to valve BAC-VA-PB-0186)	1
7 Nylon Washer	1	15 Base - NPT	1	23 Pipe Nipple 1-1/2" X 1-1/2" NPT (Applicable to valve BAC-VA-PB-0191)	1
8 Piston	1	16 Flat Washer	4	24 Spring Seat	1