

# PanBlast™ Corsa II NPT Abrasive Control Valve - Tungsten Sleeve Type

*"Surface Preparation Is Our Business"*

## *PanBlast™ Corsa II NPT Abrasive Control Valve*

The PanBlast™ Corsa II NPT Abrasive Control Valve has been developed from the Series I valve, to provide even greater reliability and efficiency.



### *PanBlast™ Corsa II NPT Valve Design Features:*

- A tungsten carbide sleeve providing extended service life of the feed orifice.
  - Increased spring force for quicker valve actuation, which improves sleeve and seat service life.
  - Improved plunger seal arrangement to ensure precise sealing and extended seal service life.
  - Breather hole re-located and exhaust filter added to prevent dust from entering air chamber.
  - Hexagon cast into valve top for easier assembly and disassembly.
  - Connecting nipple carburise hardened to 55HRC, which greatly reduced wear.
  - Piston travel stop nut added.
  - Plunger seat design improved to provide better sealing and operating life.
  - Improved piston design for smoother operation and better reliability.
- Available in both NPT & BSP threaded versions, with either 1¼" or 1½" threads.
  - Plunger, seat holder, bush and plunger cap now feature stainless steel construction.
  - Clean out/drain port for improved servicing and maintenance.
  - Graduation markings on the valve top for more precise metering and abrasive control.

The PanBlast™ Series II Corsa NPT Valve is a normally closed abrasive metering valve requiring a pilot compressed air signal to open it, which then permits abrasive flow. The Series II Corsa NPT Valve may be used on both pressure hold and pressure release blast pots.

When used on pressure hold, multiple outlet pots, the Corsa II NPT Valve permits each operator to blast totally independent of each other. When used with pressure release blast pots, the Corsa II NPT Valve prevents the blast hose filling with abrasive each time the pot is depressurized.



## PanBlast™ Corsa II NPT Valve Assemblies -

Stock Code	Description	Weight
BAC-VA-PB-0192	Corsa II NPT Valve complete with 1 1/4" M x 1 1/4" M Pipe Nipple (Item 25)	6.20kg (13.64lbs)
BAC-VA-PB-0187	Corsa II NPT Valve complete with 1 1/2" M x 1 1/2" M Pipe Nipple (Item 26)	6.40kg (14.08lbs)

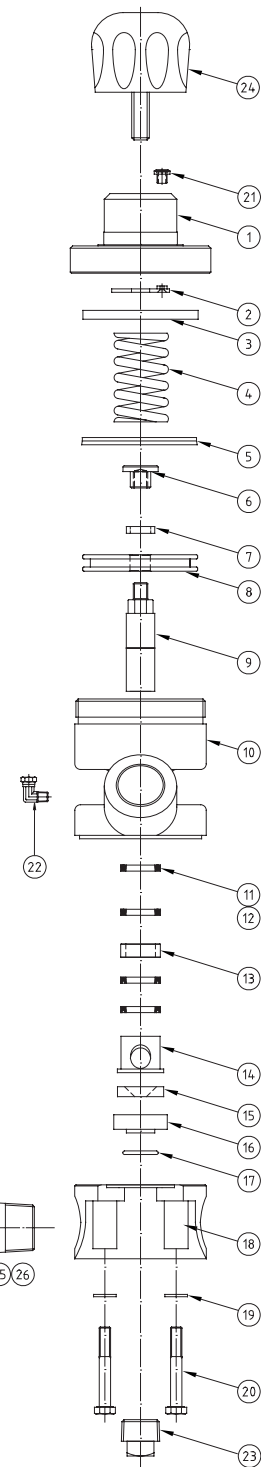
## PanBlast™ Corsa II NPT Valve Parts List -

Item	Stock Code	Description	Qty
1	BAC-VA-PB-0154	Top	1
2	YAC-VA-PB-0095	Anti-Vibration Washer	1
3	YAC-VA-PB-0094	Stop Ring	1
4	YAC-VA-PB-0096	Spring	1
5	YAC-VA-PB-0097	Piston Seal	1
6	YAC-VA-PB-0124	Plunger Cover	1
7	YAC-VA-PB-0137	Nylon Washer	1
8	YAC-VA-PB-0098	Piston	1
9	BAC-VA-PB-0099	Tungsten Plunger	1
10	BAC-VA-PB-0193	Cylinder	1
11	YAC-VA-PB-0052	Plunger Seal	4
12	YAC-BS-PB-0032	O-Ring	2
13	YAC-VA-PB-0125	Bush	1
14	BAC-VA-PB-0102	Tungsten Carbide Sleeve	1
15	YAC-VA-PB-0103	Urethane Seat	1
16	YAC-VA-PB-0213	Seat Holder	1
17	YAC-BS-PB-0034	O-Ring	1
18	YAC-VA-PB-0195	Base	1
19	YAC-FN-PB-0258	Flat Washer	4
20	YAC-FN-PB-0104	Hex Head Bolt	4
21	BAC-AF-PB-0163	Exhaust Filter	1
22	YAC-PF-PB-0234	Elbow c/w Nut	1
23	YAC-PF-PB-0230	Square Head Plug	1
24	BAC-VA-PB-0092	Control Knob	1
25	BAC-VA-PB-0128	1 1/4" x 1 1/4" Pipe Nipple (Use with BAC-VA-PB-0192)	1
26	BAC-VA-PB-0129	1 1/2" x 1 1/2" Pipe Nipple (Use with BAC-VA-PB-0187)	1

## PanBlast™ Corsa II NPT Valve Service Kits -

Stock Code	Description
BAC-VA-PB-0138	Corsa II Valve Tungsten Seat Kit - Includes items 15, 16 & 17
BAC-VA-PB-0113	Corsa II Valve Tungsten Seal Kit - Includes items 5, 11, 12, 13, 14, 15, 16 & 17
BAC-VA-PB-0139	Corsa II Valve Piston Kit - Includes items 2, 3, 4, 5, 6, 7 & 8
BAC-VA-PB-0212	Corsa II NPT Valve Base Kit - Includes items 18, 19 & 20
BAC-VA-0333-00	Corsa II Valve Soft Seal Kit - Includes items 5, 11, 12, 15 & 17

The Corsa II NPT Valve may also be fitted with an abrasive cut off switch to stop abrasive flow, but still permit air flow to the blast nozzle, to create a blow down function. A plunger and orifice sleeve assembly meters the abrasive flow to the blast nozzle. Abrasive flow adjustment is via a metering knob that adjusts the depth of the plunger travel within the orifice sleeve. The standard sleeve is manufactured from wear resistant urethane, and an optional tungsten carbide sleeve and seat arrangement is also available for applications involving high wear rates.



Blast Pots & Cabinets - Remote Control Valves - Abrasive Control Valves - Blast Nozzles - Nozzle Holders & Couplings - Helmets & Breathing Air Filters - Blast Suits