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Технические характеристики на абразивные дозирующие клапаны с дозирующим диском, шиберного типа КОМПАНИИ **PanBlast**



Junior Plana NPT Valve



Product Features

Designed for blast pots with a capacity of approximately 1ft³ (30 Liters) or less, the PanBlast™ Junior Plana valve is an economical, yet durable solution for abrasive flow metering. The NPT version is intended for use with most U.S. blasting equipment.

- ▶ Low profile.
- ▶ 13 mm (1/2") NPT port size.
- ▶ Stainless steel metering tongue and stem.
- ▶ Aluminum upper and lower bodies.
- ▶ Powder coated exterior.
- ▶ Repair parts readily available.

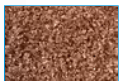
Common Applications

- ▶ Blast pots for touch-up operations.
- ▶ Other low-capacity general blasting operations.

Complementary Products



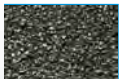
Couplings & Nozzle Holders



Garnet



Aluminium Oxide



Copper Slag



Sola 5 Inlet Valve



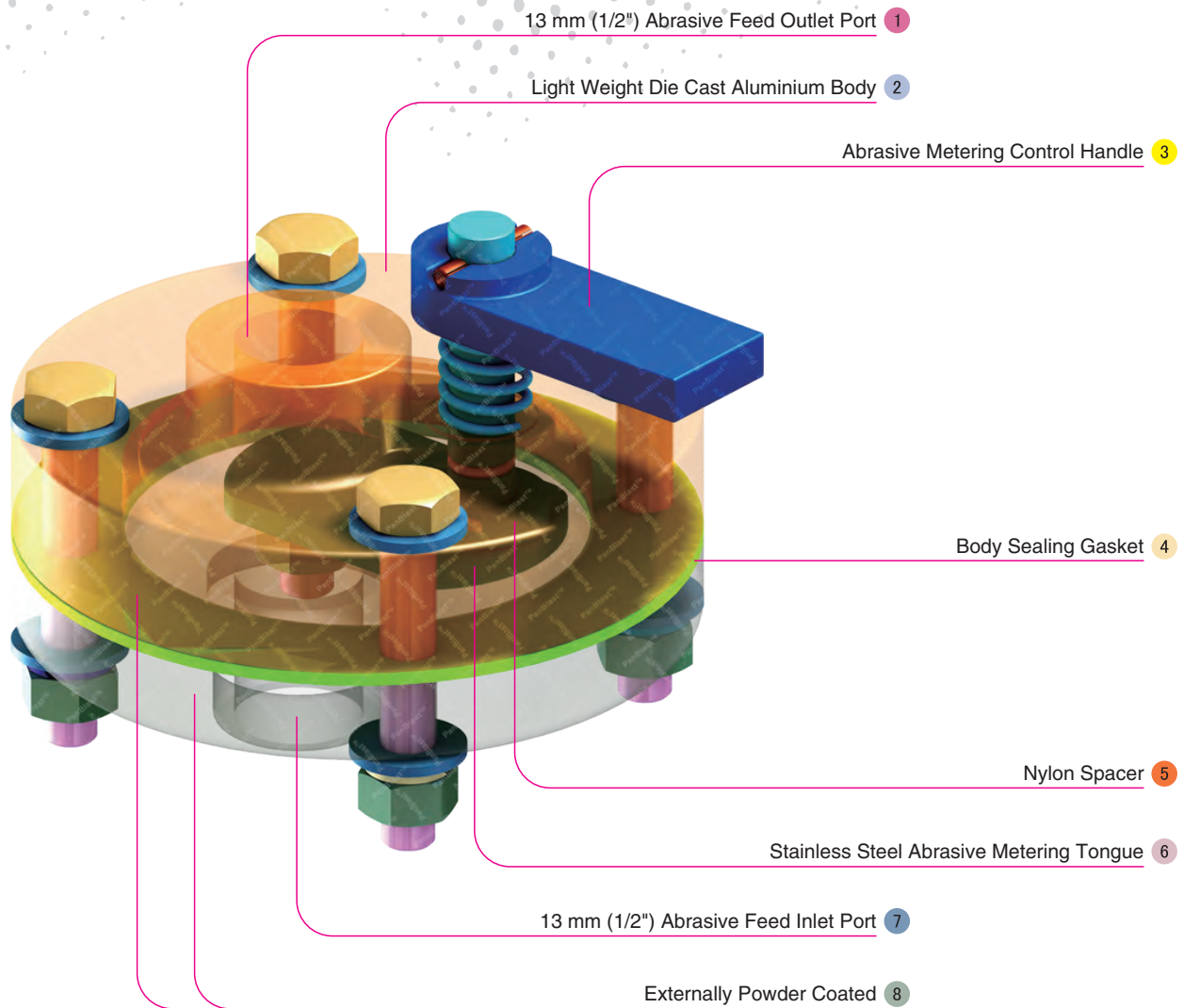
Sola 5 Exhaust Valve



AirFlo Pneumatic Handle



Blast Hoses



Component Highlights



1 13 mm (1/2") Abrasive Feed Outlet Port

4 Body Sealing Gasket

7 13 mm (1/2") Abrasive Feed Inlet Port

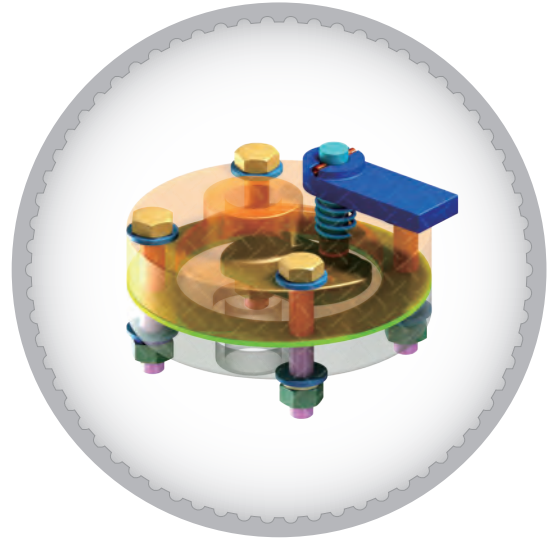
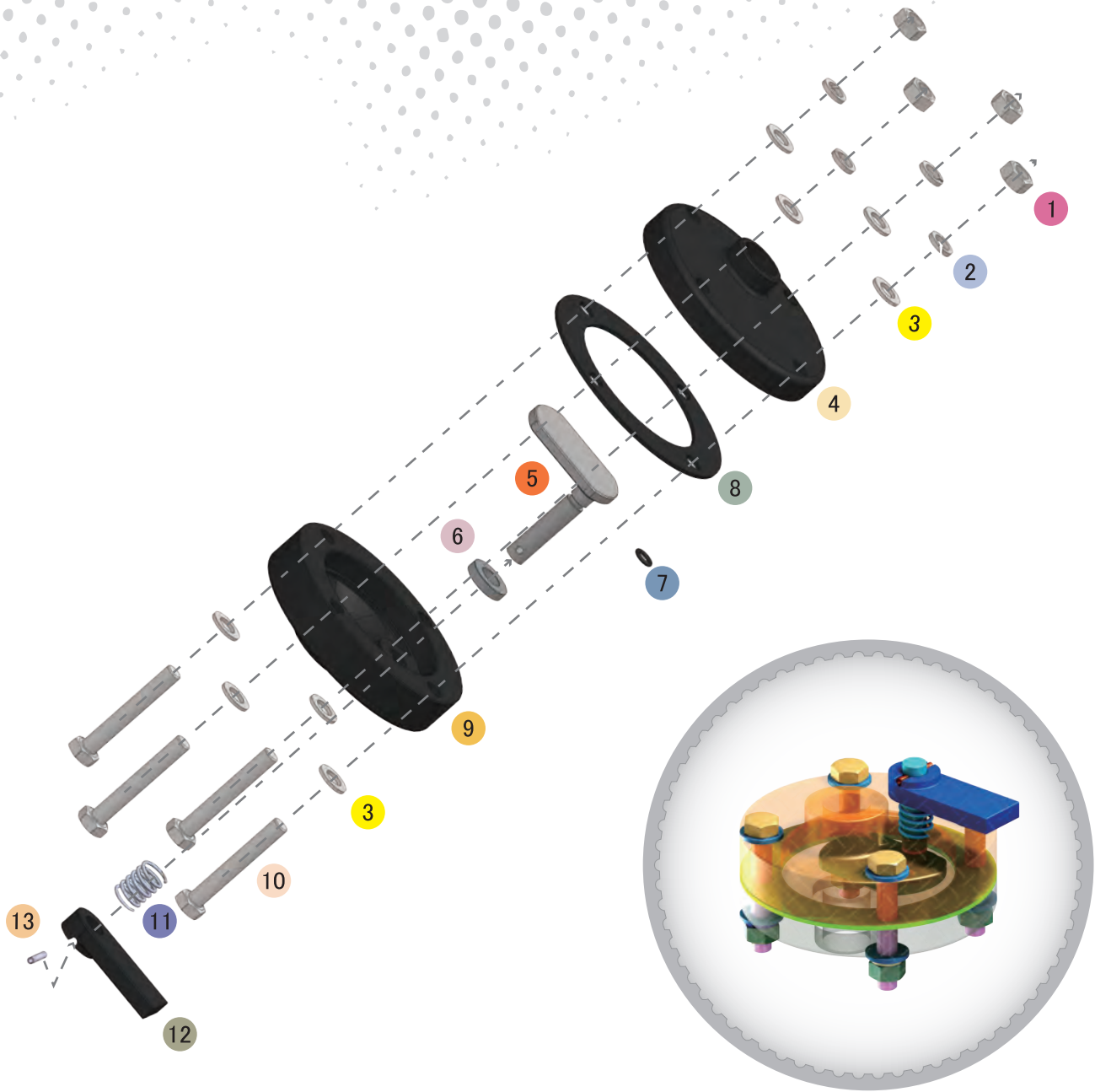
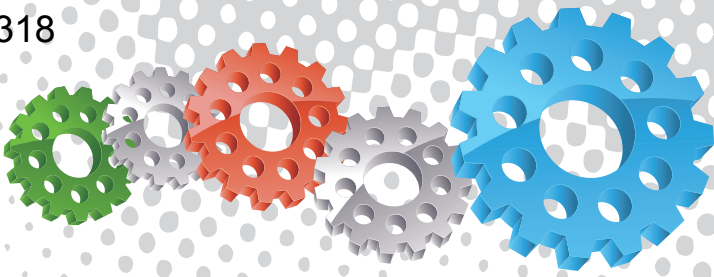
2 Light Weight Die Cast Aluminium Body

5 Nylon Spacer

8 Externally Powder Coated

3 Abrasive Metering Control Handle

6 Stainless Steel Abrasive Metering Tongue



Assembly

Stock Code
BAC-VA-0335-00

Description
Junior Plana NPT Valve

Weight
2.60 kg (5.73 lbs)



Parts List



Description	Qty	Description	Qty	Description	Qty
1 5/16" UNC Nut	4	6 Nylon Washer	1	11 Spring	1
2 Spring Washer	4	7 O-Ring	1	12 Handle	1
3 Flat Washer	8	8 Rubber Gasket	1	13 Spring Pin	1
4 Lower Body - NPT	1	9 Upper Body - NPT	1		
5 Control Plate	1	10 Hex Head Bol	4		



Plana Valve Assembly



Product Features

The PanBlast™ Plana Abrasive Metering Valve provides precise metering of abrasive from the blast pot to the hose, resulting in less waste. The unique design permits smooth abrasive flow for less wear and longer valve life. The BSP version is intended for use with most non-US blasting equipment.

- ▶ 45° Design minimizes internal wear.
- ▶ Stainless steel metering plates – 1 fixed, 1 movable.
- ▶ Quick release drain out port.
- ▶ Service kits available for simple maintenance.

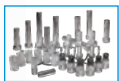
Common Applications

- ▶ On site industrial and commercial blasting.
- ▶ Blast and painting contractor yard work.
- ▶ Blast room applications.
- ▶ In situ blasting in shipyards and slipways.

Complementary Products



Couplings & Nozzle Holders



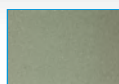
Blast Nozzles



Whip Check Cables



Blast Hoses



Glass Beads



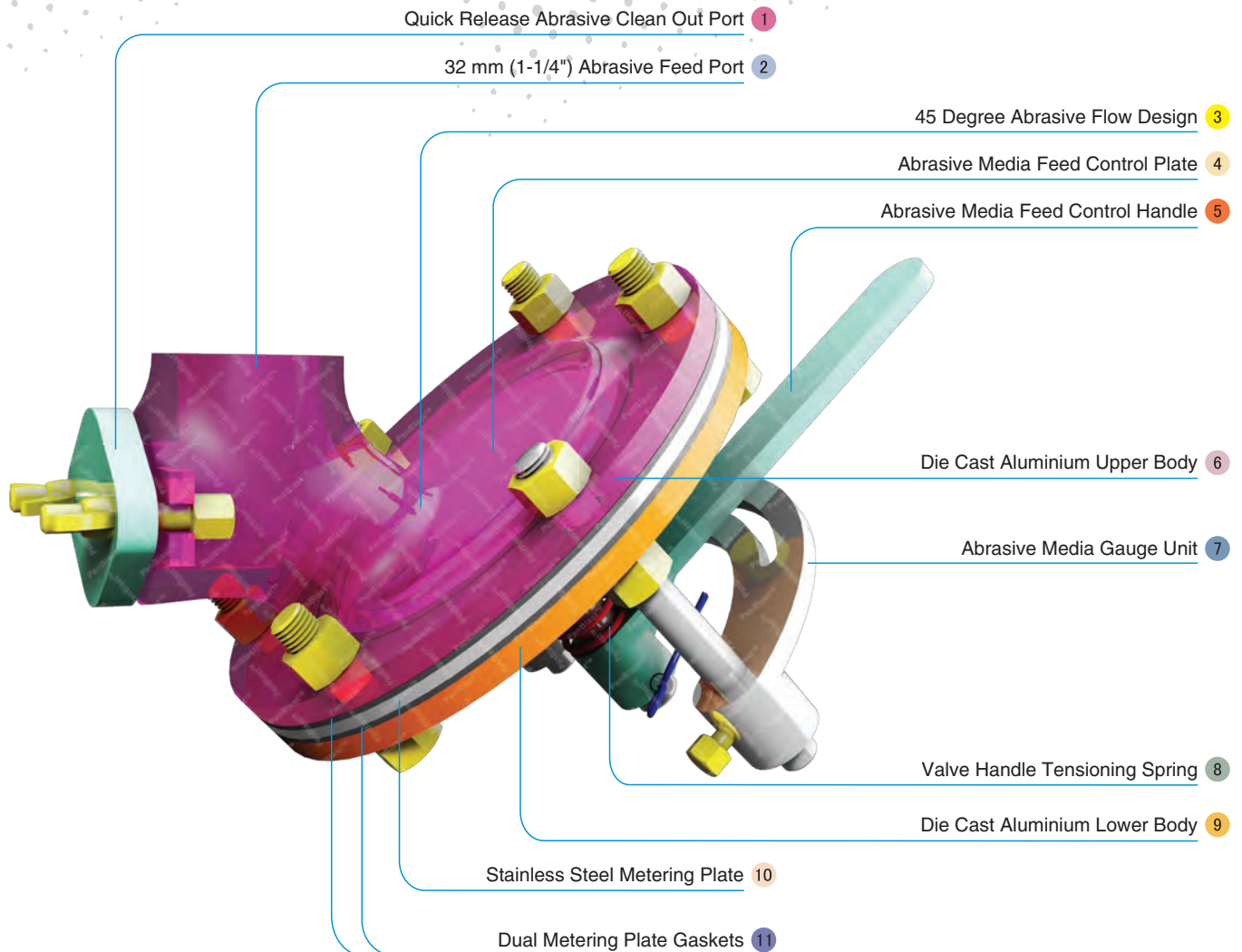
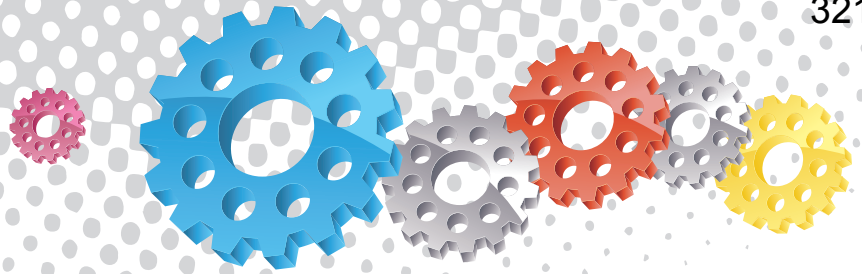
Garnet



Plastic Media



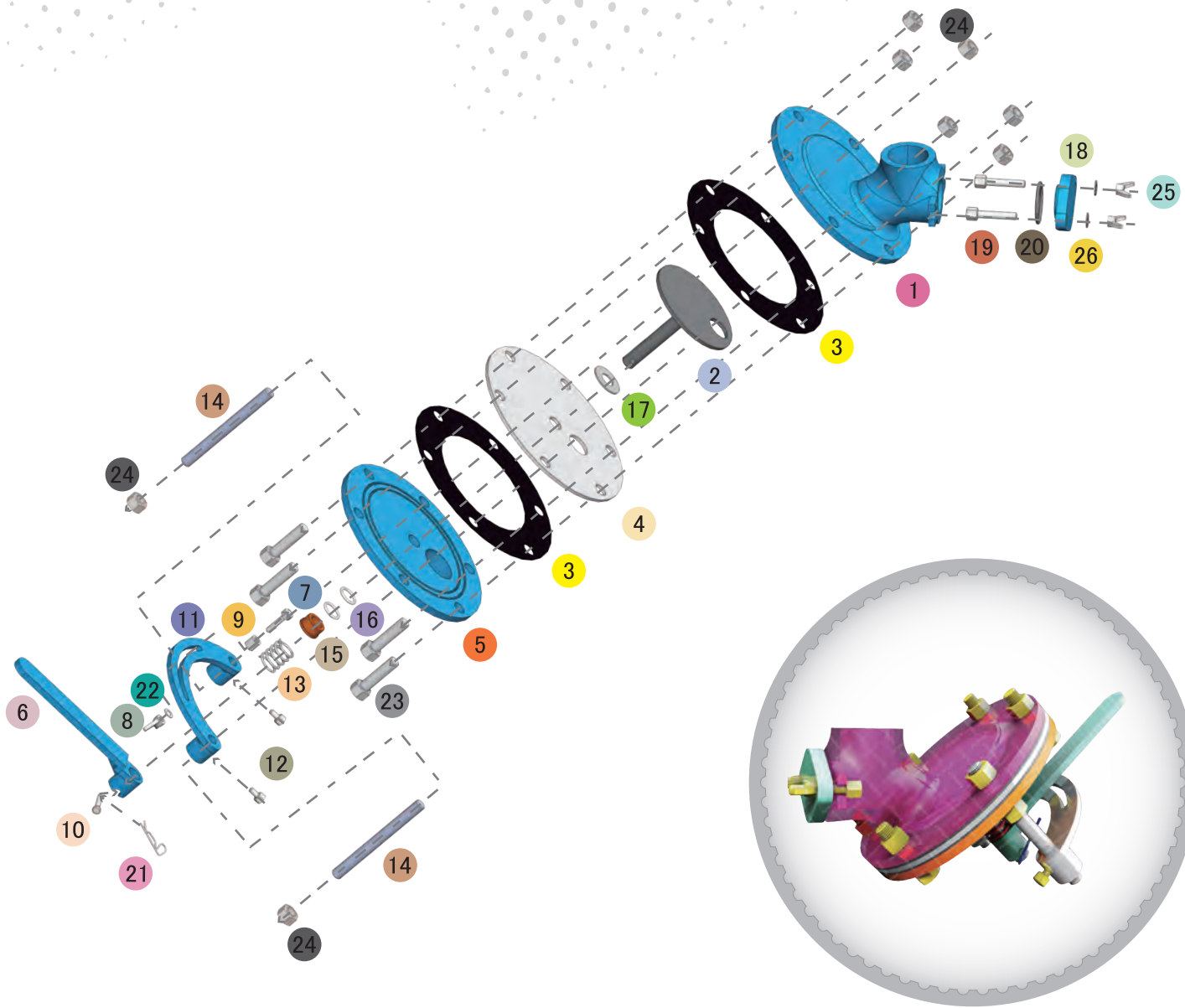
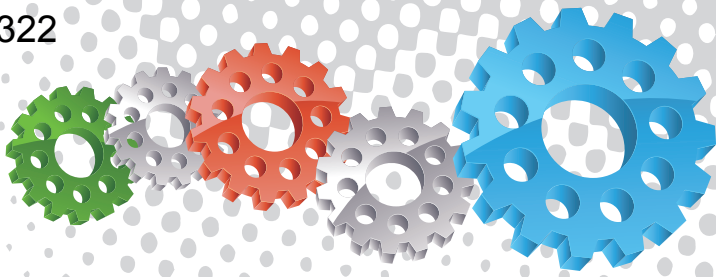
Aluminium Oxide



Component Highlights



- | | | |
|---|--------------------------------------|-----------------------------------|
| 1 Quick Release Abrasive Clean Out Port | 5 Abrasive Media Feed Control Handle | 9 Die Cast Aluminium Lower Body |
| 2 32 mm (1-1/4") Abrasive Feed Port | 6 Die Cast Aluminium Upper Body | 10 Stainless Steel Metering Plate |
| 3 45 Degree Abrasive Flow Design | 7 Abrasive Media Gauge Unit | 11 Dual Metering Plate Gaskets |
| 4 Abrasive Media Feed Control Plate | 8 Valve Handle Tensioning Spring | |



Assembly

Stock Code	Description	Weight
BAC-VA-PB-0034	Plana Valve Assembly	6.25 kg (13.78 lbs)

Service Kits

Stock Code	Description	Include Items
BAC-VA-PB-0031	Plana Valve Service Kit	2 3 x2 4 13 15 16 x2 17
BAC-VA-0401-00	Plana Valve Handle Kit	6 7 8 9 10 11 12 x2 21 22
BAC-VA-PB-0033	Plana Valve Fittings Kit	14 x2 18 19 x2 20 23 x4 24 x8 25 x2 26 x2



Parts List



Description	Qty	Description	Qty	Description	Qty
1 Upper Body	1	10 Handle Pin	1	19 Hex Head Bolt	2
2 Control Plate	1	11 Gauge Unit	1	20 O-ring	1
3 Rubber Gasket	2	12 Screw	2	21 BCP-1 Locking Pin	1
4 Stainless Steel Disc	1	13 Spring	1	22 Flat Washer	1
5 Lower Body	1	14 Stud	2	23 Hex Head Bolt	4
6 Handle	1	15 Packing Gland	1	24 Nut	8
7 Screw	1	16 O-ring	2	25 Wing Nut	2
8 Wing Nut	1	17 Shaft Gasket	1	26 Flat Washer	2
9 Gauge Unit Spacer	1	18 Inspection Plate	1		



Plana II Valve Assembly



Product Features

The PanBlast™ Plana II BSP Valve Assembly delivers the precision and simplicity of the original Plana valve, with upgrades to extend valve life and improve performance. The BSP version is intended for use with most non-US blasting equipment.

- ▶ 45° Design minimizes internal wear.
- ▶ Robust SG iron housing.
- ▶ Single stainless steel metering plate.
- ▶ Mineral and metallic abrasive capable.
- ▶ Tubular handle.
- ▶ Improved metering plate stem seals.
- ▶ Nylon wiper seals to prevent jamming.
- ▶ Cleanout, inspection, drain and pressurization ports.
- ▶ Service kits available for simple maintenance.

Common Applications

- ▶ On site industrial and commercial blasting.
- ▶ Blast and painting contractor yard work.
- ▶ Blast room applications.
- ▶ In situ blasting in shipyards and slipways.

Complementary Products



Couplings & Nozzle Holders



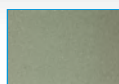
Blast Nozzles



Whip Check Cables



Blast Hoses



Glass Beads



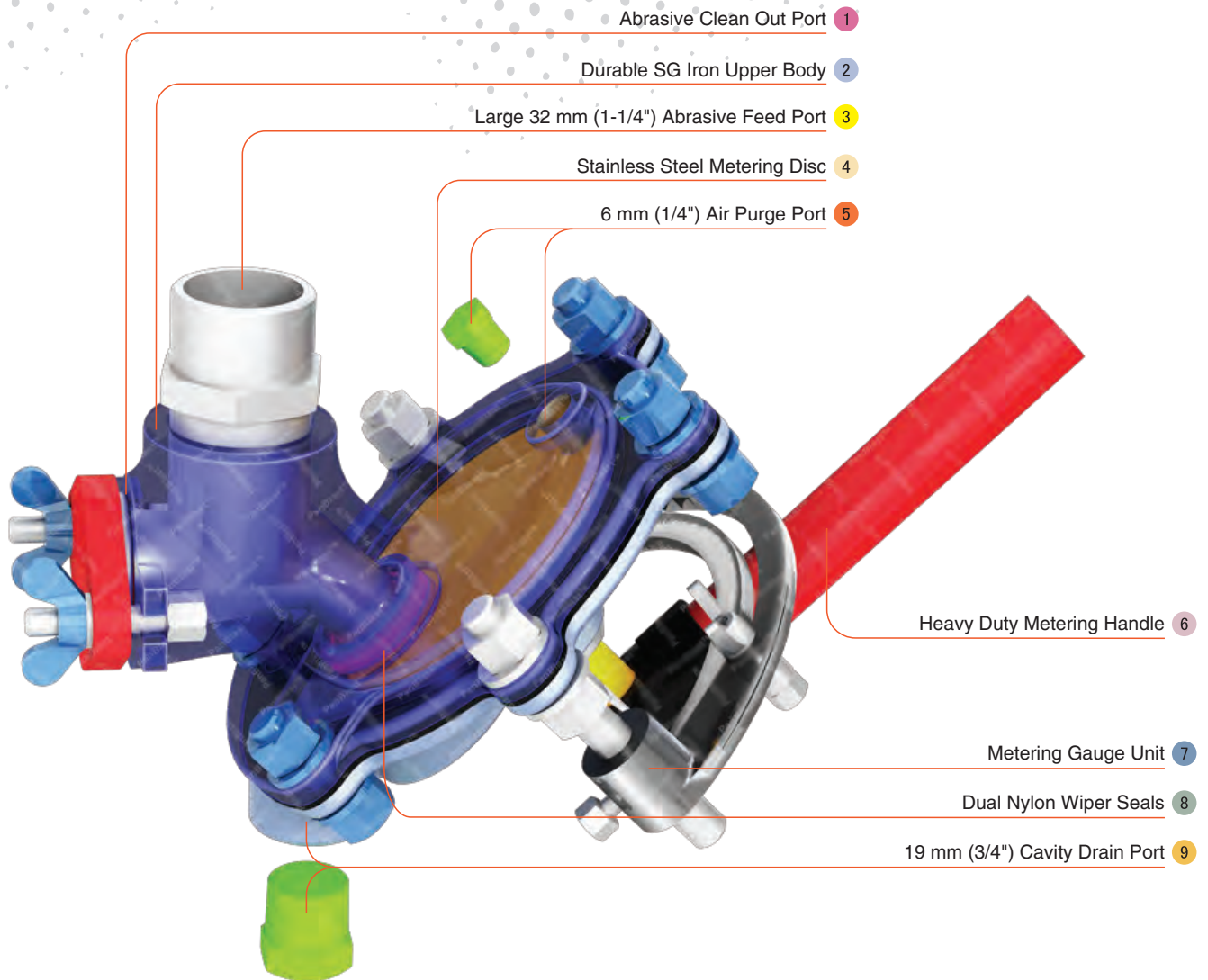
Garnet



Plastic Media



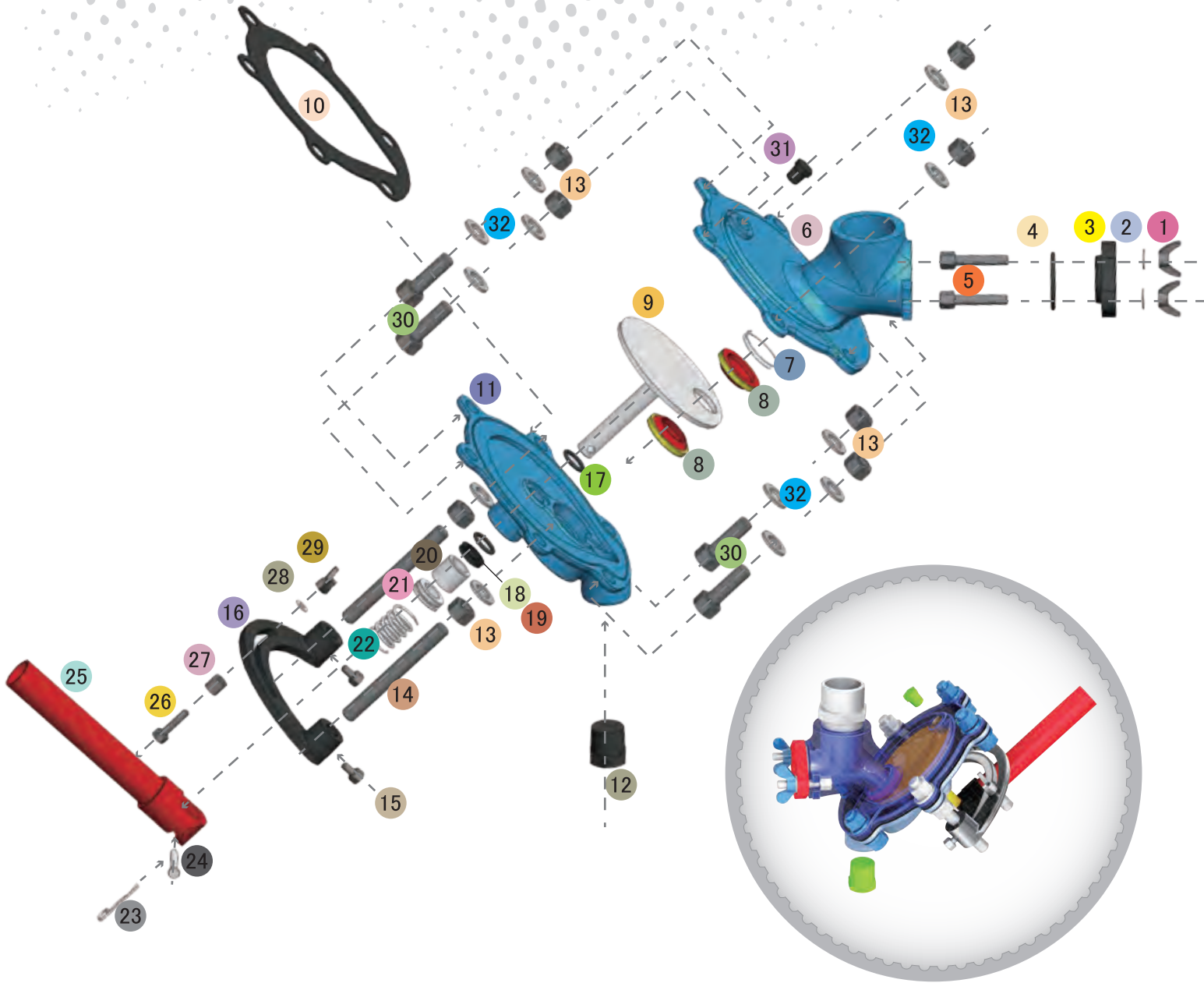
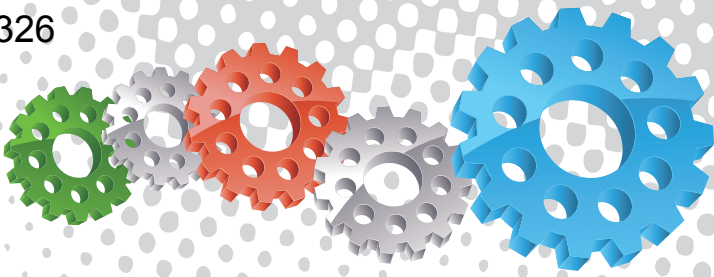
Aluminium Oxide



Component Highlights



- | | | |
|---|---------------------------------|----------------------------------|
| 1 Abrasive Clean Out Port | 4 Stainless Steel Metering Disc | 7 Metering Gauge Unit |
| 2 Durable SG Iron Upper Body | 5 6 mm (1/4") Air Purge Port | 8 Dual Nylon Wiper Seals |
| 3 Large 32 mm (1-1/4") Abrasive Feed Port | 6 Heavy Duty Metering Handle | 9 19 mm (3/4") Cavity Drain Port |



Assembly

Stock Code	Description	Weight
BAC-VA-0318-00	Plana II Valve Assembly	5.40 kg (11.90 lbs)

Service Kits

Stock Code	Description	Include Items
BAC-VA-0031-02	Plana II Valve Service Kit	9 10 17 x3 18 19 20 21 22
BAC-VA-0328-00	Plana II Valve Wiper Seal Kit	7 8 x2
BAC-VA-0032-01	Plana II Valve Handle Kit	15 x2 16 23 24 25 26 27 28 29
BAC-VA-0033-01	Plana II Valve Fittings Kit	1 x2 2 x2 3 4 5 x2 12 13 x8 14 x2 30 x4 31



Parts List



Description	Qty	Description	Qty	Description	Qty
1 Wing Nut	2	12 Plug	1	23 R-Split Pin	1
2 Flat Washer	2	13 Nut	8	24 Pin	1
3 Inspection Plate	1	14 Stud	2	25 Handle	1
4 O-ring	1	15 Screw	2	26 Screw	1
5 Hex Head Bolt	2	16 Gauge Unit	1	27 Spacer	1
6 Upper Body	1	17 O-ring	3	28 Flat Washer	1
7 Seal Spring	1	18 O-ring	1	29 Wing Nut	1
8 Dust Wiper	2	19 Shaft U Seal	1	30 Hex Head Bolt	4
9 Control Plate	1	20 Packing Gland	1	31 Plug	1
10 Rubber Gasket	1	21 Bush	1	32 Flat Washer	12
11 Lower Body	1	22 Compression Spring	1		



Plana II NPT Valve Assembly



Product Features

The PanBlast™ Plana II Control Valve delivers the precision and simplicity of the original Plana valve, with upgrades to extend valve life and improve performance. The NPT version is intended for use with most US blasting equipment.

- ▶ 45° Design minimizes internal wear.
- ▶ Robust SG iron housing.
- ▶ Single stainless steel metering plate.
- ▶ Mineral and Metallic Abrasive Capable.
- ▶ Tubular handle.
- ▶ Improved metering plate stem seals.
- ▶ Nylon wiper seals to prevent jamming.
- ▶ Cleanout, inspection, drain and pressurization ports.
- ▶ Service kits available for simple maintenance.

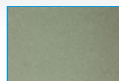
Common Applications

- ▶ On site industrial and commercial blasting.
- ▶ Blast and painting contractor yard work.
- ▶ Blast room applications.
- ▶ In situ blasting in shipyards and slipways.

Complementary Products



Couplings & Nozzle Holders



Glass Beads



Blast Nozzles



Garnet



Whip Check Cables



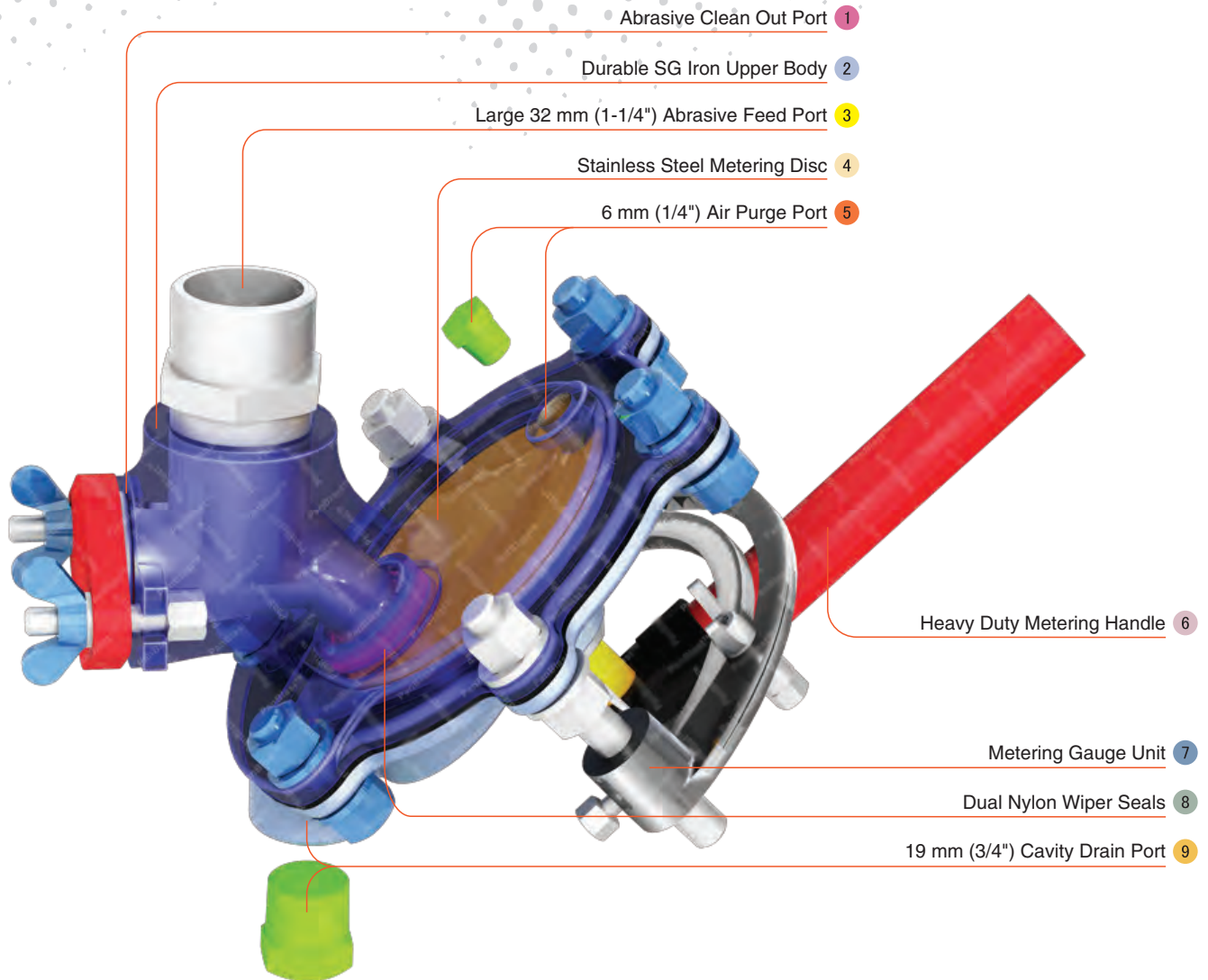
Plastic Media



Blast Hoses



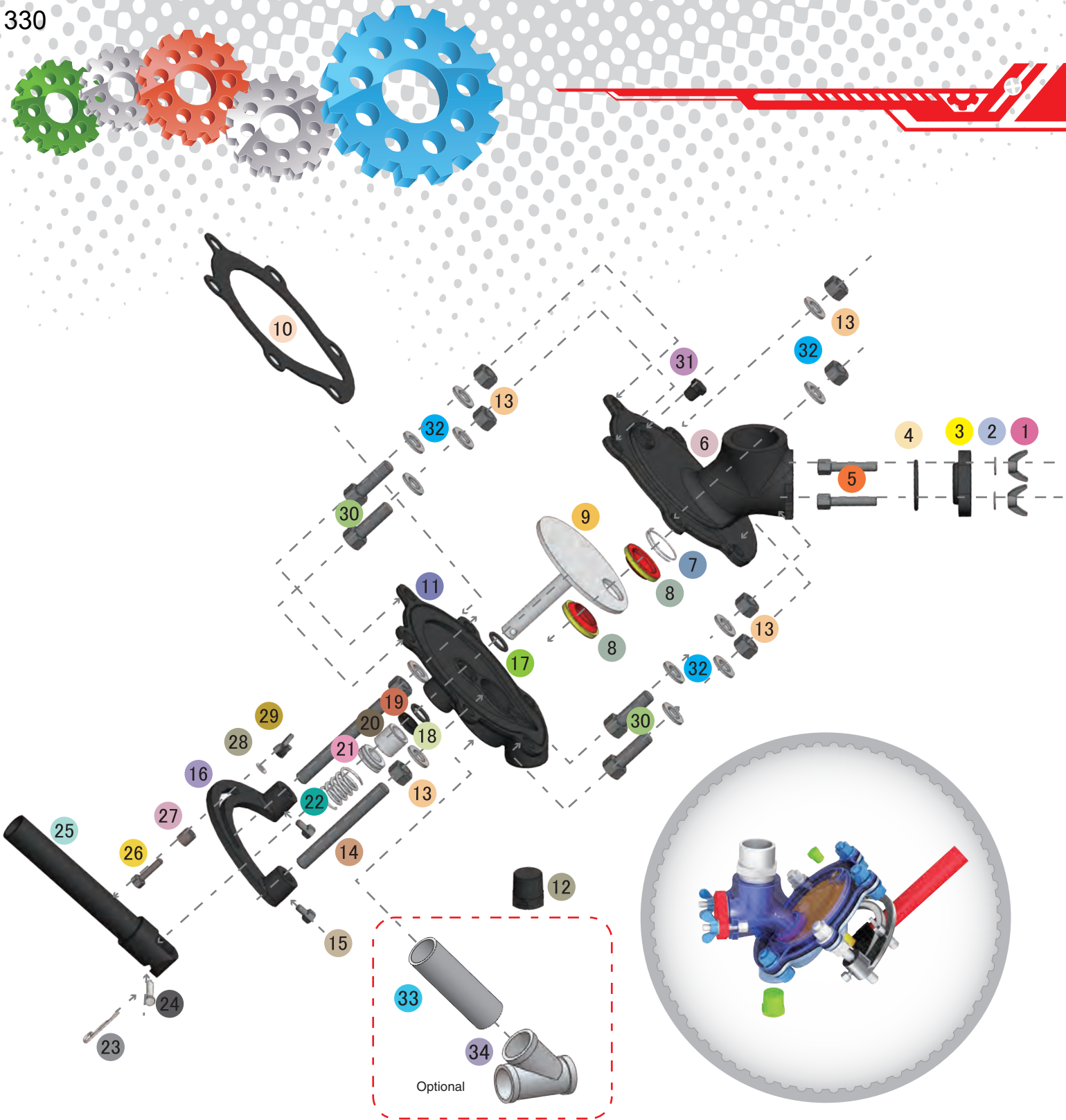
Aluminium Oxide



Component Highlights



- | | | |
|---|---------------------------------|----------------------------------|
| 1 Abrasive Clean Out Port | 4 Stainless Steel Metering Disc | 7 Metering Gauge Unit |
| 2 Durable SG Iron Upper Body | 5 6 mm (1/4") Air Purge Port | 8 Dual Nylon Wiper Seals |
| 3 Large 32 mm (1-1/4") Abrasive Feed Port | 6 Heavy Duty Metering Handle | 9 19 mm (3/4") Cavity Drain Port |



Assembly

Stock Code	Description	Weight
BAC-VA-0319-00	Plana II NTP Valve Assembly	5.3 kg (11.7 lbs)

Service Kits & Optional Accessories

Stock Code	Description	Include Items
BAC-VA-0031-02	Plana II Valve Service Kit	9 10 17 x3 18 19 21 22 20
BAC-VA-0402-00	Plana II NPT Valve Handle Kit	15 x2 16 23 24 25 26 27 28 29
BAC-VA-0328-00	Plana II Valve Wiper Seal Kit	7 8 x2
BAC-VA-PB-0134	Barrel Nipple	33
BAC-VA-PB-0135	Y Piece	34

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