

Powder Transfer

SPECIALTY PUMP



Transfer and handle your dry process powders faster, cleaner and at a fraction of the cost associated with installed “systems.” Consistent trouble-free transfer of powders up to 45-lbs. per cubic foot (721 kgs. per cubic meter) dry-weight, such as carbon black, expanded mica, silicones, acrylic resins, 3D printing powders and pharmaceuticals

Replace Manual Powder Processes.

- Reduce Airborne Contamination - With direct transfer from the powder container to your recipe.
- Unique Air-Induction System - Avoids the possibility of powder pack-out.
- Portable - Can be moved from site to site.

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|---|--|
| Port: | 1", 2" and 3" |
| Material: | Aluminum and Stainless Steel |
| Max. operating pressure: psi (bar) | 50 (3.4) |
| Suspended solids maximum: dia. in. (mm) | 1/8" (3.3) PP10A Models, 1/4" (6.4) PP20A Models 3/8" (9.5) PP30A Models |
| Weight: lbs (kg) | PP10A-XAX-AAA 33.3 (15.1) PP20A-XAX-AAA 99.4 (45.1) |
| | PP10A-XSX-AAA 50.9 (23.1) PP20A-XSX-AAA 157.8 (71.6) |
| | PP30A-XAX-AAA 137.5 (62.4) |
| | PP30A-XSX-AAA 236.8 (107.4) |



Ordering

| Position | 1 | | 2 | 3 | 4 | | 5 | 6 | 7 |
|----------|-------|---|---|---|---|---|---|---|---|
| Example: | PP10A | - | X | X | X | - | X | X | X |

| Position 1 Model Series | Position 2 Connections | Position 3 Wetted Parts | Position 4 Hardware | Position 5 Seat Material | Position 6 Ball Material | Position 7 Dia. Material |
|-------------------------|--|---------------------------------------|---|--|--------------------------|--------------------------|
| PP10A - 1" Port | A - 1-11-1/2 N.P.T.F - 1 B - Rp1 (1-11 BSP) | A - Aluminum* S - Stainless Steel* | P - Plated Steel S - Stainless Steel | A - Santoprene® S - Stainless Steel | A - Santoprene® | A - Santoprene® |

| Position | 1 | | 2 | 3 | 4 | | 5 | 6 | 7 |
|----------|-------|---|---|---|---|---|---|---|---|
| Example: | PP20A | - | X | X | X | - | X | X | X |

| Position 1 Model Series | Position 2 Connections | Position 3 Wetted Parts | Position 4 Hardware | Position 5 Seat Material | Position 6 Ball Material | Position 7 Dia. Material |
|-------------------------|--|---------------------------------------|---|--|--------------------------|--------------------------|
| PP20A - 2" Port | A - 2-11-1/2 NPTF - 1 B - Rp2 (2-11 BSP Parallel) | A - Aluminum* S - Stainless Steel* | P - Plated Steel S - Stainless Steel | A - Santoprene® S - Stainless Steel | A - Santoprene® | A - Santoprene® |

| Position | 1 | | 2 | 3 | 4 | | 5 | 6 | 7 |
|----------|-------|---|---|---|---|---|---|---|---|
| Example: | PP30A | - | X | X | X | - | X | X | X |

| Position 1 Model Series | Position 2 Connections | Position 3 Wetted Parts | Position 4 Hardware | Position 5 Seat Material | Position 6 Ball Material | Position 7 Dia. Material |
|-------------------------|---|---------------------------------------|---|--------------------------|--------------------------|--------------------------|
| PP30A - 3" Port | A - 3-8 NPTF - 1 B - Rp3 (3-11 BSP parallel) F - 3" ANSI/DIN Flange | A - Aluminum* S - Stainless Steel* | P - Plated Steel S - Stainless Steel | A - Santoprene® | A - Santoprene® | A - Santoprene® |

* Acceptable for use in hazardous locations.

Santoprene® is registered trademark of Monsanto

Accessories

Service Repair Kits | 637397 (air motor PP10A), 637421 (air motor PP20A), 637421 (air motor PP30A)
637401-XX (fluid section PP10A), 637309-XX (fluid section PP20A), 637303-XX (fluid section PP30A)
Suction Probe: 67183-1 (10ft Long Hose with 2" Diameter. For PP20A & PP30A)