

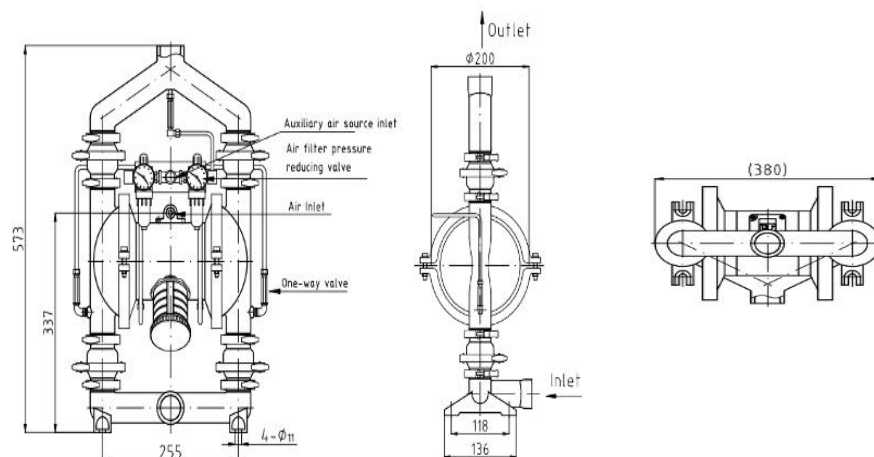
GINKAI YOGA POWDER PUMP DETAILS

PRODUCT SPECIFICATIONS



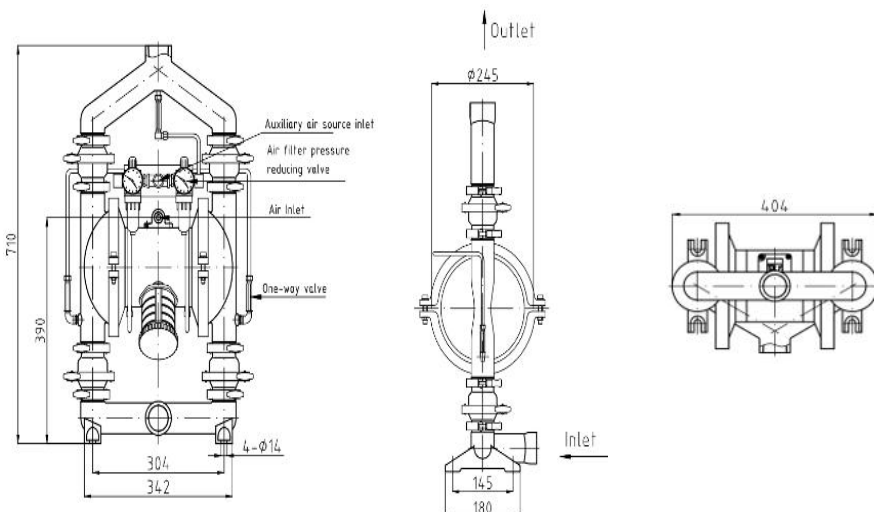
GKPP-25

Technical Specification	
Max Working Pressure	0.7Mpa
Max Flow Rate	1.5m ³ /h
Max Reciprocaing Speed	276cpm
Suction Height	3m
Mediun Gravity	0.8g/cm ³
Max permitted Grain	3mm
Air Inlet Size	1/2in
Air Outlet Size	3/4in
Fluid Inlet Size	1in
Fluid Outlet Size	1in



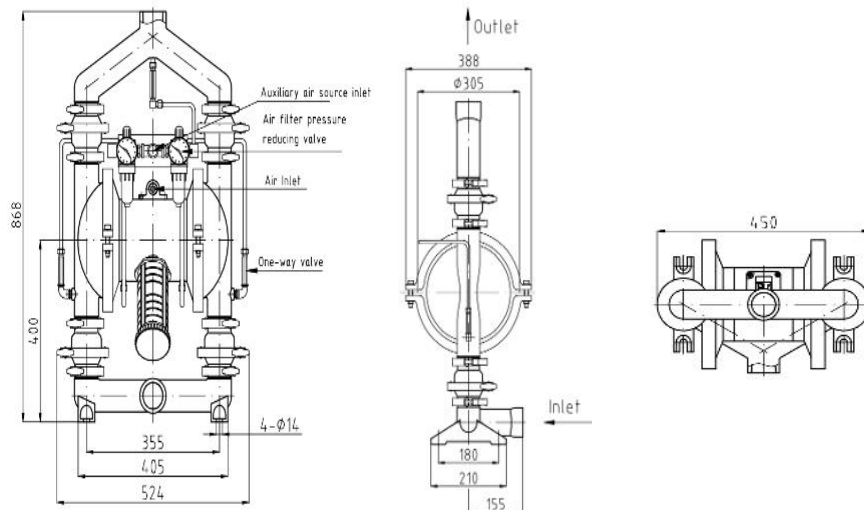
GKPP-40

Technical Specification	
Max Working Pressure	0.7Mpa
Max Flow Rate	3m ³ /h
Max Reciprocaing Speed	200cpm
Suction Height	3m
Mediun Gravity	0.8g/cm ³
Max permitted Grain	3mm
Air Inlet Size	1/2in
Air Outlet Size	3/4in
Fluid Inlet Size	1-1/2in
Fluid Outlet Size	1-1/2in



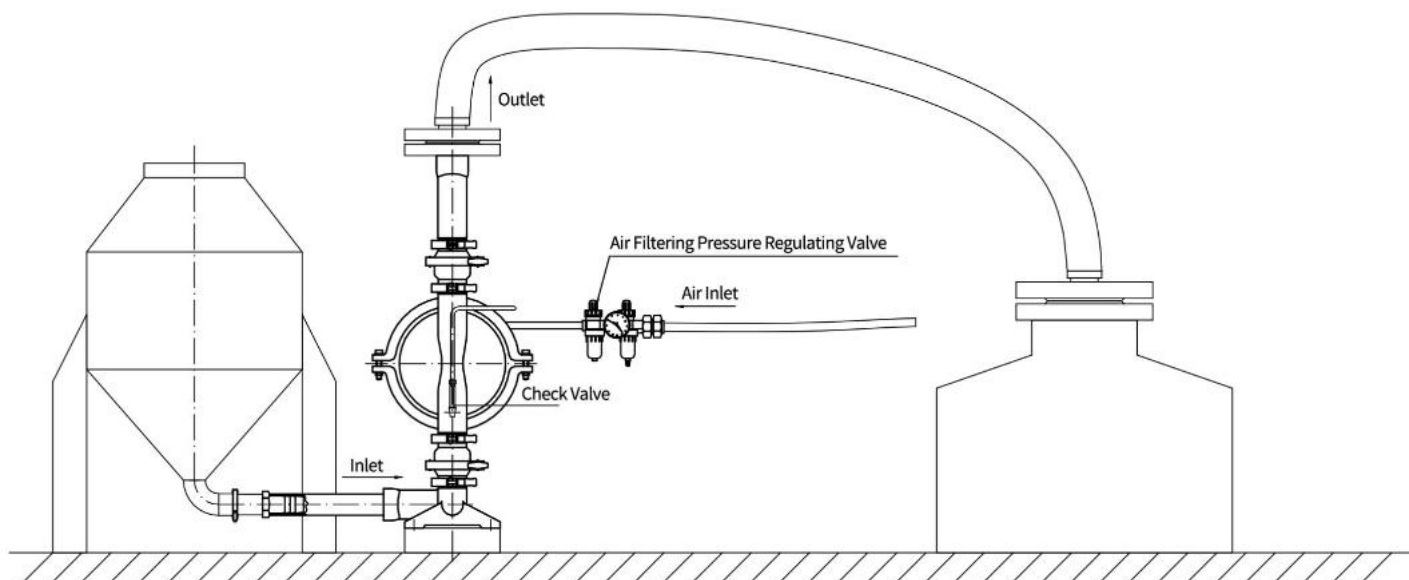
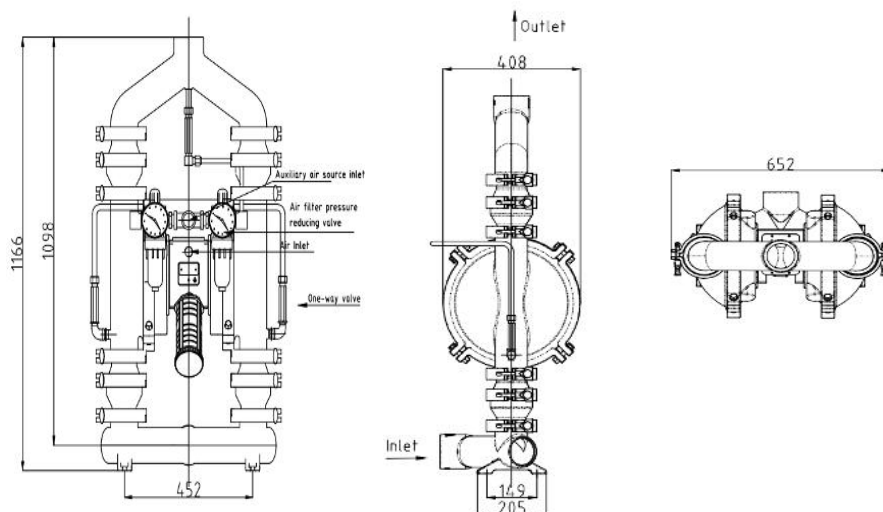
GKPP-50

Technical Specification	
Max Working Pressure	0.7Mpa
Max Flow Rate	4m ³ /h
Max Reciprocaing Speed	145cpm
Suction Height	3m
Mediun Gravity	0.8g/cm ³
Max permitted Grain	3mm
Air Inlet Size	1/2in
Air Outlet Size	3/4in
Fluid Inlet Size	2in
Fluid Outlet Size	2in



GKPP-80

Technical Specification	
Max Working Pressure	0.7Mpa
Max Flow Rate	6m ³ /h
Max Reciprocaing Speed	135cpm
Suction Height	3m
Mediun Gravity	0.8g/cm ³
Max permitted Grain	3mm
Air Inlet Size	3/4in
Air Outlet Size	1in
Fluid Inlet Size	3in
Fluid Outlet Size	3in



Product Overview

GinKai Yoga Powder Pump's Series

The Ginkai Yoga Powder Transfer Pump is a pneumatic diaphragm pump designed for efficient and reliable transfer of lightweight powders. Compared to traditional powder handling systems (e.g., airmix conveyors, screw feeders, chain conveyors), the Yoga Pump offers a more cost-effective and user-friendly solution, simplifying installation and operation.

Engineered for Superior Performance & Reliability:

1. **Optimized Flow Path, Prevents Clogging:** Features a unique 120° angled inlet/outlet design that minimizes material accumulation. This is a significant advantage over modified conventional diaphragm pumps used by competitors, which typically have four 90° turns where powder tends to build up and block.
2. **Enhanced Seal & Durability:** Utilizes a seatless ball valve structure, providing superior sealing performance and longer service life.
3. **Unobstructed Powder Flow:** The upper ball chamber is designed without a semi-circular ball stop, allowing powders to pass through more smoothly and reducing the risk of flow restriction.
4. **Easy & Quick Maintenance:** Both the ball chamber assembly and the upper/lower cover connections employ a clamp-fastening system. This enables manual disassembly and reassembly without tools, drastically simplifying cleaning and maintenance.
5. **Protected Air Valve System:** The pneumatic directional control valve is equipped with check valves on both ends. This critical feature prevents powder backflow into the air valve, protecting it from damage and ensuring consistent operation.
6. **Anti-Stagnation Design:** Specifically engineered to prevent caking and blockages in challenging powders. The system actively clears the pump chamber after each cycle, ensuring a clean interior and seamless restart for moisture-absorbing or easily compacted materials.

Wide Material Compatibility:

The pump is suitable for a broad range of lightweight powders such as pigments, plasticizers, TCEP, acrylic resins, silicone powders, acridine, and more.

In summary, the Ginkai Yoga Powder Transfer Pump delivers a combination of clog-resistant design, easy maintenance, reliable sealing, and tailored solutions for challenging materials, making it an efficient and economical choice for lightweight powder transfer applications.