GK40 ALUMINUM SERIES PNEUMATIC DIAPHRAGM PUMP DETAILS

PRODUCT SPECIFICATIONS

Technical Specifications	
Max. Working Pressure	120 psi(0.84Mpa,8.4bar)
Max Flow Rate	90 gpm(340 lpm)
Max Reciprocating Speed	200 cpm
Max Suction Height (Dry)	5m
Max permitted Grain	0.2in. (5mm)
Max Air Consunmption	80scfm (40L/s)
Air Inlet Size	1/2 in.
Air Outlet Size	3/4 in.
Fluid Inlet Size	1-1/2 in.
Fluid Outlet Size	1-1/2 in.
Weight	19.5kg

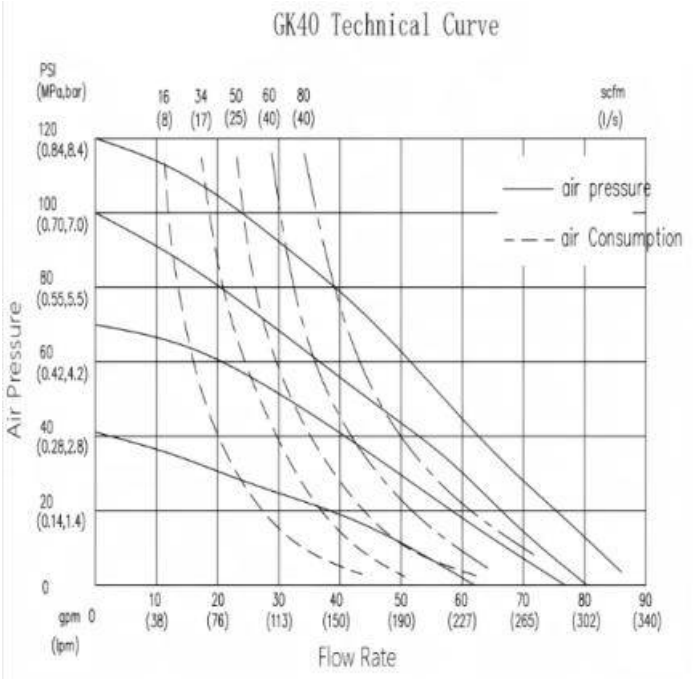
Product Overview

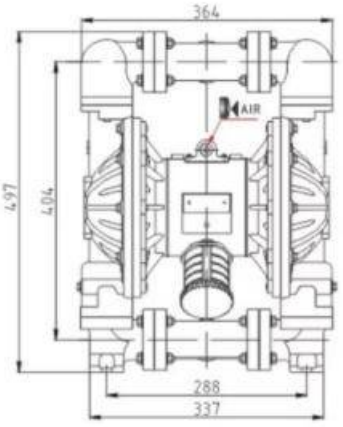
GinKai Aluminum Series

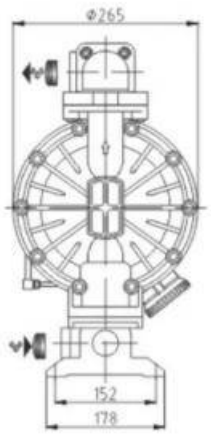
- Durable Construction: Engineered with a high-strength aluminum alloy body, epoxy-coated for enhanced wear resistance and moderate corrosion resistance, while maintaining lightweight performance.

- Material Flexibility: Features a center section available in PP (polypropylene) or aluminum alloy, optimized for handling oil-based media (e.g., paint) or abrasive fluids like sludge wastewater with suspended particles.

- Wide Compatibility: Ideal for demanding applications across petroleum, mining, chemical, and food industries, efficiently transferring corrosive, or particle-laden fluids.



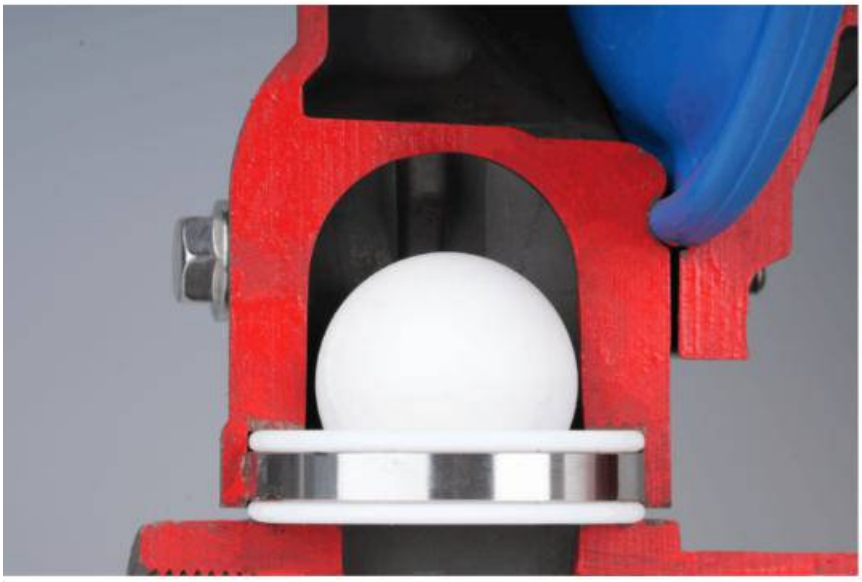




Our Advantages

Our advantages

- High-end imported diaphragm
- Low friction pump shaft
- Patent air valve cover
- Pilot type air motor
- large volume flow chamber
- Integrated diaphragm block
- High quality hardware
- Three port design



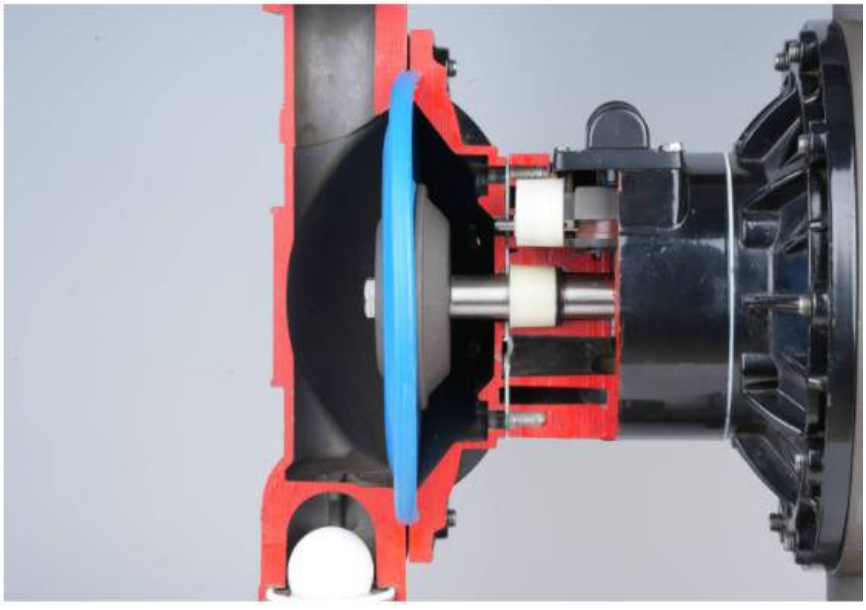
Better sealing and ball life

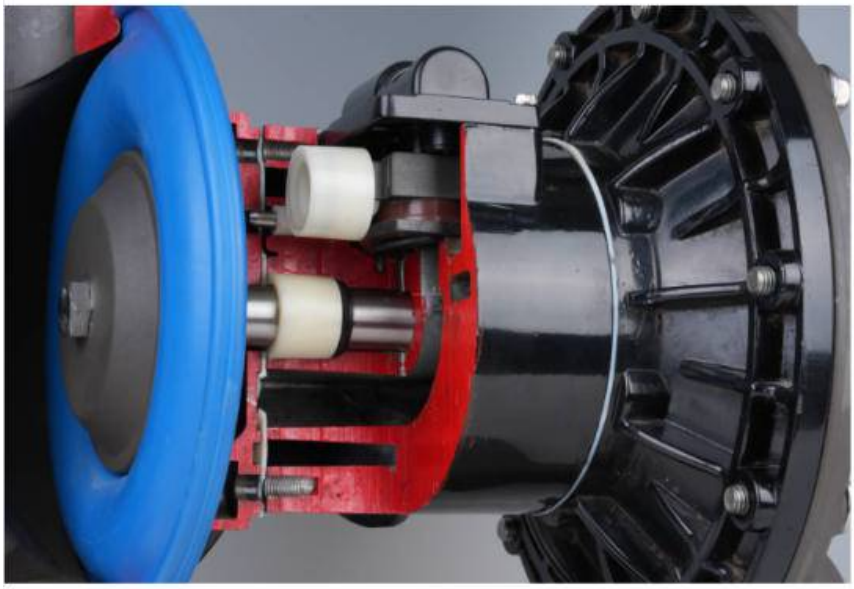
- The ball is twice grinded by professional machine
- Half-arc ball chamber design
- Reversible and reusable Valve seat

Thus assuring better sealing and ball life, reducing maintenance costs.

Large volume flow chamber

- The inner and outer surfaces of are hardened to make the fluid flow smoothly.
- The pump shaft has been grinded and hardened for low friction, high wear and corrosion resistance.
- The diaphragm block is integrated to avoid leakage.





Pilot type air motor

-Valve parts using anti-corrosion,wear-resistant and well self-lubricating material to reduce the air consumption.

-Patent air valve cover

The specially designed patented structure of the air valve cover can generate downward pressure to prevent the air guide switch from falling off during operation and causing a crash.

High quality hardware

- Outer hexagon all stainless steel with flange screws, better stability than the inner hexagon screws.

Model Example: GK-P-25 P K F F - F

系列 Series	口径 Size	泵体 Body	阀座 valve seat	球 Ball	膜片 Diaphragm	连接方式(仅塑料泵) Connection (only for plastic pumps)
GK-A 铝合中心体 Aluminum center body GK-S 不锈钢中心体 Stainless steel center body GK-P 塑料中心体 Plastic center body	06 = 1/4" (06mm) 10 = 3/8" (10mm) 15 = 1/2" (15mm) 20 = 3/4" (20mm) 25 = 1" (25mm) 40 = 11/2" (40mm) 50 = 2" (50mm) 80 = 3" (80mm)	M=Acetal (乙缩醛/AC) P=Polypropylene (聚丙烯/PP) A=Aluminum (铝合金/ADC12) S=SS304 (304不锈钢) K=PVDF (聚偏氟乙烯/KY) D=Ductile Iron (球墨铸铁/DI) L=SS316 (316不锈钢) G=SS316L (316不锈钢)	F=PTFE (聚四氟乙烯) M=Acetal (乙缩醛/AC) S=SS304 (304不锈钢) L=SS316 (316不锈钢) H=Hytrel (聚醚/HY) T=Santoprene (三道/SP) V=Viton (氟橡胶/VT) P=Polypropylene (聚丙烯/PP) K=PVDF (聚偏氟乙烯/KY) G=SS316L (316L不锈钢)	F=PTFE (聚四氟乙烯) C=Ceramic (陶瓷) S=SS304 (304不锈钢) L=SS316 (316不锈钢) H=Hytrel (聚醚/HY) T=Santoprene (三道/SP) B=Buna N (丁腈/BN) V=Viton (氟橡胶/VT) E=EPDM (三元乙丙) G=SS316L (316L不锈钢)	F=PTFE (聚四氟乙烯) H=Hytrel (聚醚/HY) T=Santoprene (三道/SP) B=Buna N (丁腈/BN) V=Viton (氟橡胶/VT) E=EPDM (三元乙丙)	F=Flange 法兰 T=Threaded 螺纹