



SEKO PUMP SOLUTION

ADVANTAGE PUMP TECHNICAL

Fluid technical supporter and supplier

MICRO PUMP

MINI MAGNETIC DRIVE GEAR PUMP



SEKO SEKO PUMP SOLUTION CO.,LTD

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ADVANTAGES

When you need a low-flow pump that delivers high-performance in a small package, Series SKQB is an excellent solution. Series SKQB pumps provide precise, pulseless flow, and feature the patented ,the special design that allows the pump with a long pump life,and makes the pumps ideal for a wide-range of low-flow applications.

Small Size

The miniature package size of the Series GA/GAH is easily incorporated into the design of many systems.

Leak-Free

The magnetic drive and static o-ring seal(s) keep the fluid securely inside the pump and potential contaminants out.

Smooth Pulseless Delivery

Positive displacement, precision gears provide consistent fluid delivery in continuous processes.

Chemically Resistant

Series GA/GAH has a long life in aggressive environments.

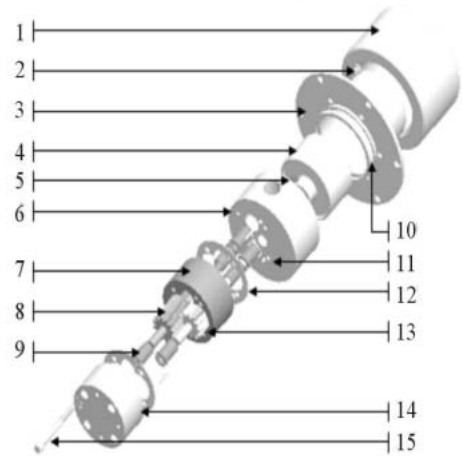
Easy to Service

Series GA/GAH pumps are easy to service using a service kit and simple hand tools.

Wide Range of Options and Configurations

Innovative Designs

Micropump uses the latest engineering tools and manufacturing equipment to produce the most innovative pumping solutions available.



1	External magnetic steel cup	2	Spacer sleeve	3	Press plate
4	Internal magnetic steel assembly	5	M5×6 hex socket cap screw	6	Lower end of pump body
7	Pump body	8	Driven gear	9	PTFE bushing ×6
10	PTFE gasket	11	φ 4×8×4 pin	12	PTFE gasket ×2
13	Driving gear	14	Pump bonnet	15	M4×55×4 screw

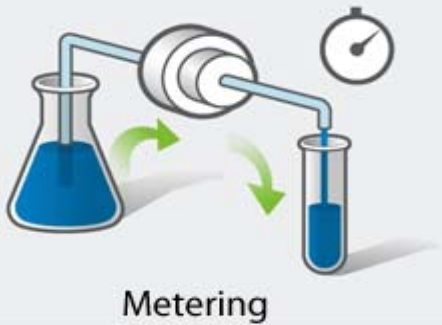
Working temperature:-46 C ~ 176 C
Viscosity :0.2 ~1500 cps

Material
Wetted parts :Stainless steel 316L
Gear : PPS or PEEK
Gasket :EPDM or PTFE,VITON



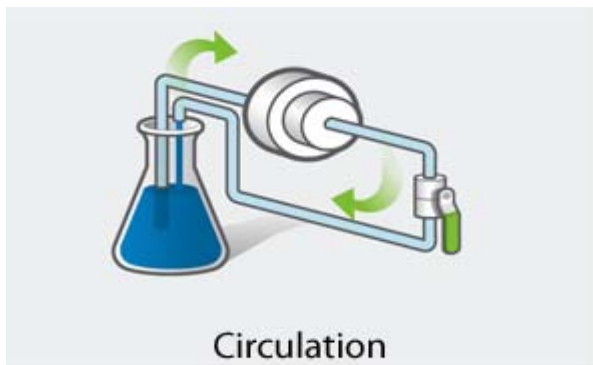
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APPLICATION



Metering applications of the micro pump require accurate, adjustable flow rates over a period of time. Typical applications include: additives, application of coatings, lubricants, adhesives, solvents, and process sampling.

Transfer applications of the micro pump focus on moving adequate amounts of liquid to a point-of-use without altering the characteristics of the liquid. Applications include: delivery, batch feed or waste extraction, fluid or water supply systems, and hazardous fluid handling

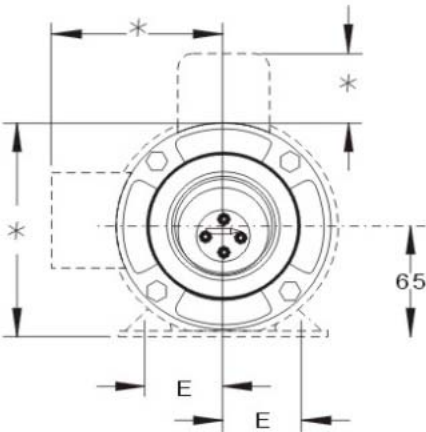
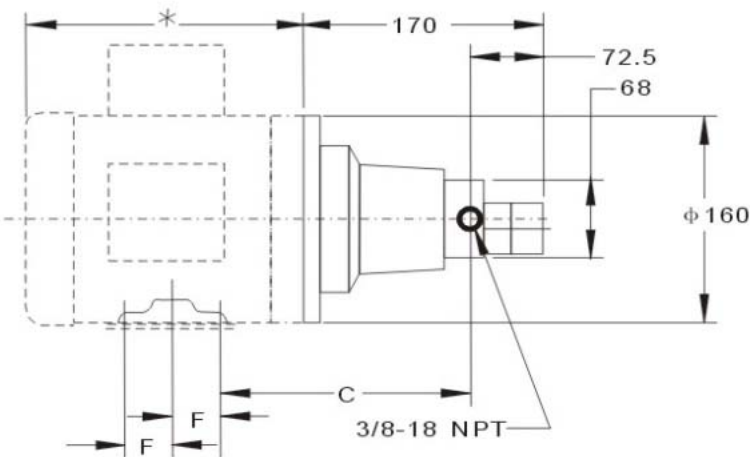
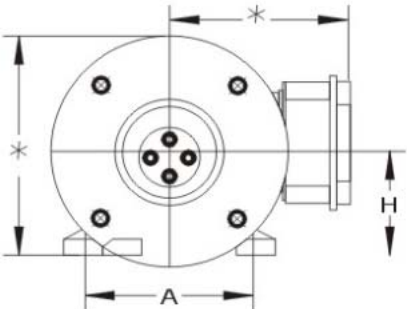
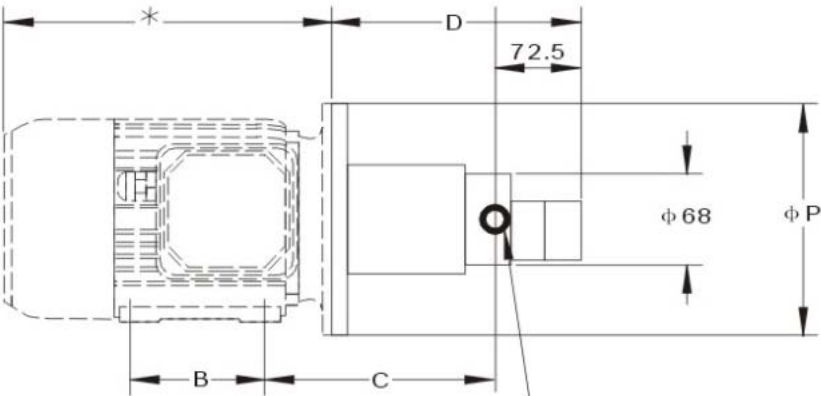


Circulation applications of the micro pump address the flow of fluid through a closed circuit. Emphasis is on reliable operation over extended periods of time. Applications include: heating, cooling, filtering, mixing, hydrating, degassing, Venturi feed, and controlling system pressure.

Dosing applications of the micro pump require delivery of a precise quantity of fluid. Applications include: ingredient dispense, point-of-use dispense, lubrication, sampling, additives, and sample preparation.



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	Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	H (mm)	P (mm)
	SKQB-8	90	70	90	102	43.5	33.5	57	83
	SKQB-10	90	70	90	75	43.5	33.5	60	100
	SKQB-15	100	80	136	170	50	40	65	115
	SKQB-20	110	90	150	160	55.5	45	70	160



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DATA

Model	Max Speed	Flowrate	Pressure	Frequency	Port size
	r/min	L/min	MPa	HZ	inch
SKQB8	2900rpm/3300rpm	1.8 L	0.2	50Hz/60Hz	1/8"
SKQB10		3.5 L	0.25		1/8"
SKQB15		10 L	0.3		3/8"
SKQB20		17 L	0.4		3/8"

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