

# NAMIKI

## Model 7008 Miniature Diaphragm Liquid Pumps

Chemically Resistant, Vac. to 375 mm Hg, Pressure to 1.0 bar, Flow to 630 ml/min

### DESCRIPTION

Model 7008 liquid diaphragm pump is an excellent choice where chemical resistance, plastic wetted components, DC power operation and quiet, reliable performance are required. It is typically used on medical equipment, laboratory automated chemistry applications, environmental sampling equipment and a range of industrial applications such as pick-and-place operations, ink jet printer systems and food packaging equipment.



Model 7008 pump incorporates a 24 V Namiki brushless DC motor with integrated sensor drive type circuit. The motor shaft incorporates an eccentric that is attached to the pump diaphragm. Two opposing floating discs with seats respond to the diaphragm motion resulting in pumping action.

The pump is produced by Namiki Corporation, a world leader in DC motor production and technology.

### SPECIFICATIONS

#### GENERAL

Wetted Materials:

Pump Body: PFA

Diaphragm, Seal & Valve Material: \*FKM Enhanced or PTFE-coated diaphragm, FFPM valves

\*Proprietary fluoro elastomer for improved chemical resistance (excellent for Ammonia, Methanol & Toluene)

Ports: Hose nozzle (barb) for 3-4 mm I.D. tubing, 5 mm optional

Non-Wetted Pump Housing Material: POM

Ambient & Fluid Temperature Range: 0 to 50°C

Maximum Flow Rate: 630 ml/min

Exhaust Pressure Range: 0 to 1.0 bar (14.5 PSI)

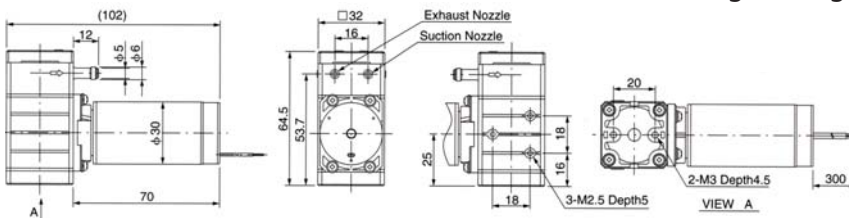
Suction Pressure Range: 0 to -375 mm Hg

Motor: Namiki 24VDC brushless with integrated sensor drive circuit type

Nominal Current Consumption: 370 mA

Weight: 280g

### DIMENSIONS (MM)



### ORDERING INFORMATION

ORDER NUMBER (SEE TABLE)

ABC

EXAMPLE: 7038

| A<br>Model | B<br>Diaphragm, Valves & Seals                              | C<br>Motor              |
|------------|---|-------------------------|
| 70         | 3= FKM Enhanced<br>4= PTFE-coated diaphragm,<br>FFPM valves | 8= Brushless Motor, 24V |

**Bold Order Combinations Typically Ship From Stock**

Please call us to discuss any special wetted material requirements or additional requirements.

### FLOW CURVES

