COMPACT SELECTION GUIDE

Compact Micro Pumps

Air and vacuum / Diaphragm liquid / Brushless DC submersible

Pump platforms for OEM equipment

Explore selected JSGK, JSGZ, JSGS and JSGQ ranges. Use this overview to identify a pump family, then request the model-specific datasheet and a working-point review.

FIND YOUR RANGE

Air & vacuum pumps 02

Diaphragm liquid pumps 03

Brushless submersible pumps 04

Request a Datasheet & Pump Review

Medium • Flow at load • Voltage • Duty cycle

AIR / VACUUM



JSGK27B



JSGZ27B

LIQUID



JSGS27C



JSGS27E

SUBMERSIBLE



JSGQ18B



JSGQ18A

Selected ranges only. Application fit and final specifications are confirmed for the chosen model.

AIR & VACUUM

Miniature Air & Vacuum Pumps

Compact diaphragm platforms for air delivery, inflation, suction and instrument modules.

JSGK27B

Miniature diaphragm air pump

MODEL	DC	FLOW*
JSGK27B-12A	12 V	≥1.5 L/min
JSGK27B-06A	6 V	≥1.2 L/min
JSGK27B-03A	3.7 V	≥0.8 L/min



JSGK32A

Miniature diaphragm air pump

MODEL	DC	FLOW*
JSGK32A-12A	12 V	≥4 L/min
JSGK32A-06A	7 V	≥6 L/min
JSGK32A-03A	3.7 V	≥4.5 L/min



JSGZ27A

Miniature vacuum pump

MODEL	DC	FLOW*
JSGZ27A-12A	12 V	≥1.8 L/min
JSGZ27A-06A	6 V	≥1.9 L/min
JSGZ27A-03A	3.7 V	≥2.5 L/min



JSGZ27B

Miniature vacuum pump

MODEL	DC	FLOW*
JSGZ27B-12A	12 V	≥1.8 L/min
JSGZ27B-06A	6 V	≥1.9 L/min
JSGZ27B-03A	3.7 V	≥2.5 L/min



* Flow values are reproduced from the source product tables for initial selection; operating conditions must be confirmed. Request the selected model's datasheet before design-in.

LIQUID HANDLING

Diaphragm Liquid Pumps

Compact platforms for water delivery, spraying and equipment liquid-handling systems.

JSGS27B

Diaphragm liquid pump

MODEL	DC	FLOW*
JSGS27B-12A	12 V	≥1 L/min
JSGS27B-06A	6 V	≥0.7 L/min
JSGS27B-03A	3.7 V	≥0.5 L/min



JSGS27C

Diaphragm liquid pump

MODEL	DC	FLOW*
JSGS27C-12A	12 V	≥1.4 L/min
JSGS27C-06A	6 V	≥1.2 L/min
JSGS27C-03A	3.7 V	≥1.0 L/min



JSGS27D

Diaphragm liquid pump

MODEL	DC	FLOW*
JSGS27D-12A	12 V	≥0.4 L/min
JSGS27D-06A	6 V	≥0.3 L/min
JSGS27D-03A	3.7 V	≥0.3 L/min



JSGS27E

Diaphragm liquid pump

MODEL	DC	FLOW*
JSGS27E-12A	12 V	≥1.2 L/min
JSGS27E-06A	6 V	≥0.9 L/min
JSGS27E-5B	5 V	≥0.7 L/min



* Flow values are reproduced from the source product tables for initial selection; operating conditions must be confirmed. Request the selected model's datasheet before design-in.

WATER CIRCULATION

Brushless DC Submersible Pumps

JSGQ18 / JSGQ23 / JSGQ28 | B: standard ports • A: quick connectors

JSGQ18B

Standard port

12 V DC

Rated power: 18 W

Max. head:

3.5±0.5 m



JSGQ23B

Standard port

12 V DC

Rated power: 23 W

Max. head:

4.5±0.5 m



JSGQ28B

Standard port

12 V DC

Rated power: 28 W

Max. head:

5±0.5 m



JSGQ18A

Quick connector

12 V DC

Rated power: 18 W

Max. head:

3.5±0.5 m



JSGQ23A

Quick connector

12 V DC

Rated power: 23 W

Max. head:

4.5±0.5 m



JSGQ28A

Quick connector

12 V DC

Rated power: 28 W

Max. head:

5±0.5 m



For cooling loops, water circulation and equipment water systems. Confirm the liquid, temperature, head, installation and duty cycle. Detailed curves, drawings and final specifications are available on request.