

# SFF200/1200N Turbo Molecular Pump

## Product descriptions

### Arbitrary point for system

You can install arbitrary point for system.

Assembly integration can improve the reliability of the system operation

### High resistance to stress

This series' lubricant Molecular Pump is component Molecular Pump. It has stronger capacity of backing resistance.

### Environment of ultrahigh vacuum

Using the special lubricant grease so as to attain an oil-free clean super vacuum environment.

### High reliability

Using the ceramic bearings, with high reliability and without maintenance.

## Specification

Model SFF200/1200N Inlet Port Flange Diameter DN200 LFDN200CF Pumping Speed L/s(to air) 1,200 Maximum Compression Ratio  $N_2 > 10^9$   $H_2 6 \times 10^3$  Ultimate Pressure  $6 \times 10^{-6}$  (Pa)  $6 \times 10^{-7}$  (Pa)  $6 \times 10^{-8}$  (mbar)  $6 \times 10^{-9}$  (mbar)  $4.5 \times 10^{-8}$  (Torr)  $4.5 \times 10^{-9}$  (Torr) Exhaust Port Flange Diameter KF40 Bearing Start up time (min) <5 Rotation Speed (rpm) 24,000 Cooling Method Water Cooled Installation Method Perpendicularity  $\pm 5^\circ$  Weight (kg) 30 Power type FD1200K Input voltage (V)  $220 \pm 20$  Input frequency (Hz) 50/60  $\pm 3$  Maximum output power consumption (W) 1000 Output frequency (Hz)  $400 \pm 10$  Working voltage (V) ?50 Working current (A) ?4.5 Maximum current (A) ?16 Allowable surrounding temperature (?) 5-40 Allowable surrounding humidity ?80% Weight (kg) 12 Length\*Weight\*Height 300\*440\*173