

# T0824MUA5\*



## High-functionality fan UltraFlo series (80 x 80 x 15 mm)

A direct-current drive operated, high value-added fan motor that uses bearings and wing structures that we have developed independently. The NBRX type further improves the reliability of upon our former oil-impregnated sintered bearing, and is a totally new bearing system that we have developed independently. With a longer life than former oil-impregnated bearings, this can more securely retain rotating bodies, and features heat resistance, high-speed rotational stability, reduced magnetic vibration, and no limitations on mounting. Please contact us for details.

Water resistance	Oil resistance	Chemical resistance	Dust proofing	Explosion proofing
Low noise	Low vibration	Energy saving	Long life	Stability
Environmental performance	Quietness	RoHs support		

## Product data

### Basic information

<b>Power type</b>	DC
<b>Size</b>	80 × 80 mm
<b>L dimension</b>	15 mm
<b>Operation temperature</b>	-10 ~ 70 °C
<b>Lifespan</b>	30000 hours Expected service life with 90% remaining in service when continually operated in the free air state with an ambient temperature of 40°C

	Reference value.
<b>Weight</b>	55 g
<b>Bearing</b>	NBRX
<b>Manufacturer name</b>	NIDEC CORPORATION

### Input

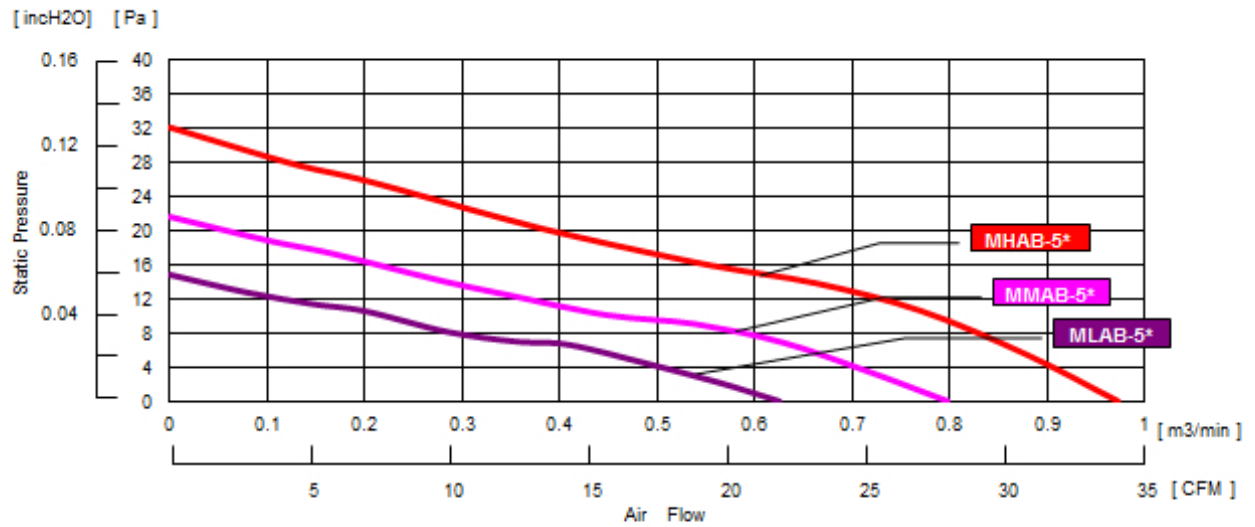
<b>Rated voltage</b>	24 V                      10 ~ 25.6 V
<b>Operating current</b>	0.16A, Max. 0.18A
<b>Rated input</b>	3.84 W

### Output

<b>Rated speed</b>	3100 min <sup>-1</sup>
<b>Maximum air flow (m<sup>3</sup>/min)</b>	0.97 m <sup>3</sup> /min
<b>Maximum air flow (CFM)</b>	34.25 CFM
<b>Maximum static pressure (Pa)</b>	32 Pa
<b>Maximum static pressure (inchH<sub>2</sub>O)</b>	0.13 inchH <sub>2</sub> O
<b>Sound pressure [db (A)]</b>	34 dB[A]

### Characteristic graph

---



本製品の仕様は改良などのため、予告無しに変更することがございます。  
Specification is subject to change for improvement without notice.

Note: The data gives typical characteristics at the rated voltage.

Sound level This is the value measured 1 meter from the intake surface.

The power supply PWM is not covered by the warranty.

Power supply voltage ripples are set to  $\pm 5\%$  of the rated voltage.

For information about rated voltage other than the above, please inquire separately.

## Drawing

---

