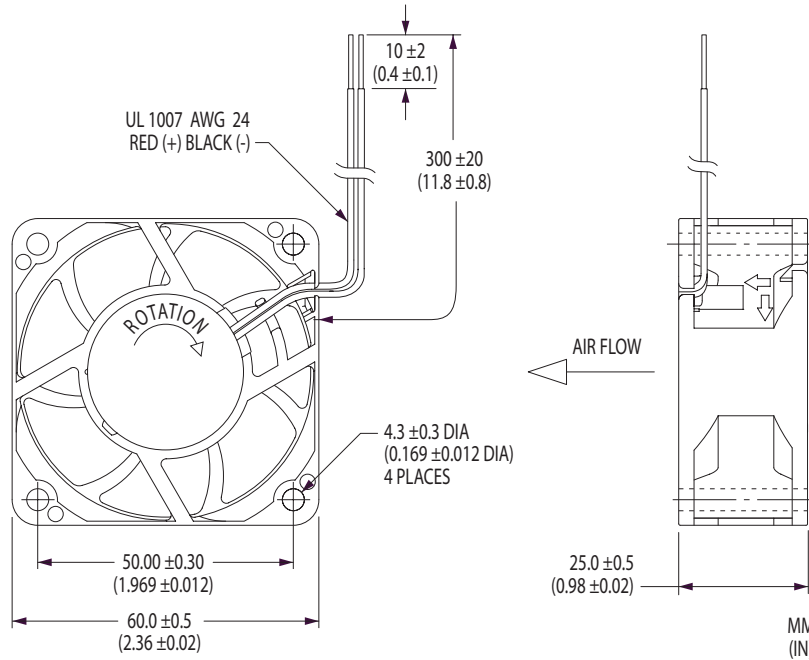


UltraFlo™



U60T Series

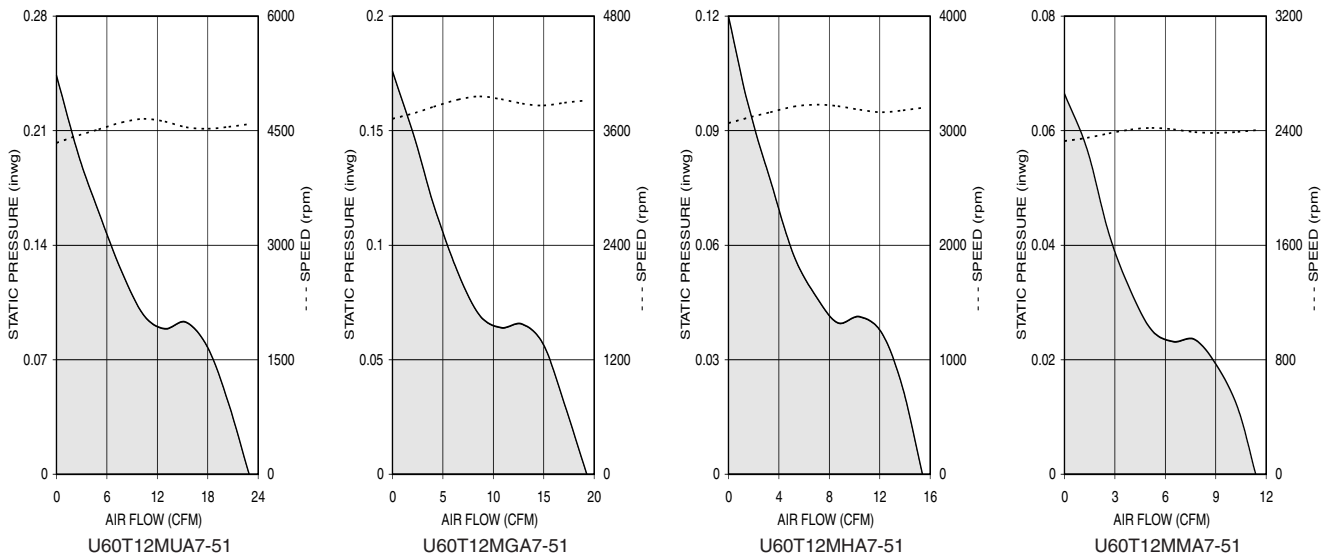
- ✓ Durable, Magnetically Stabilized NBRX Sleeve Bearing Design
- ✓ Current-Limit Protection
- ✓ Optional Open-Collector Tachometer or Locked Rotor Alarm
- ✓ Plastic Housing and Impeller Rated V-0



60 x 25mm Tube Axial Cooling Fans

Model	Air Flow (CFM)	Max. Static Pressure (inwg)	Operating Voltage		Operating Current (A)	Input Power (W)	Fan Speed (rpm)	Sound Pressure (dBA)	Operating Temp.		L10 Life† (hours)
			Nominal (V)	Range (V)					Min. (°C)	Max. (°C)	
U60T12MUA7-51	23	0.24	12	7.0-13.8	0.16	1.9	4600	32.5	-10	+70	50,000
U60T12MGA7-51	19	0.18	12	7.0-13.8	0.11	1.3	3900	29.5	-10	+70	—
U60T12MHA7-51	15	0.12	12	7.0-13.8	0.09	1.1	3200	22.5	-10	+70	—
U60T12MMA7-51	11	0.07	12	7.0-13.8	0.06	0.7	2400	13.0	-10	+70	—

Air flow, current, speed and sound pressure ratings are at nominal operating voltage and zero static pressure. Current and power ratings are average expected values under those conditions. † L10 bearing life expectancy at T_A = +40°C.™ UltraFlo is a brand trademark of Nidec Corporation. N/AHBB



All for dreams Nidec America Corporation · phone 781-769-0619 · email fans@nidec.com · www.nidec.com

U60T Tube Axials

Model Names

U 60 T 12 M U A 7 - 52

U

Fan Design

- F** Fan/Heat Sink Combination
- G** Gamma Blower
- H** Hybrid Fan - Open Mounting Flange
- R** Dual In-Line Counter-Rotating Fan - Open Mounting Flange
- S** Dual In-Line Counter-Rotating Fan - Closed Mounting Flange
- T** Tube Axial Fan - Open Mounting Flange
- U** Tube Axial Fan - Closed Mounting Flange
- V** Vane Axial Fan - Open Mounting Flange
- W** Vane Axial Fan - Closed Mounting Flange
- X** 172mm Fan - StraightSide Housing - Open Mounting Flange
- Y** 172mm Fan - Round Housing - Open Mounting Flange

60

Housing Width and Height, or Diameter

12 120mm	42 42mm	76 76mm
17 170mm	50 50mm	80 80mm
25 25mm	51 51mm	92 92mm
30 30mm	59 59mm	93 93mm
35 35mm	60 60mm	97 97mm
40 40mm	70 70mm	

T

Housing Depth

B 30mm	I 48mm	R 15mm
C 32mm	J 100mm	S 28mm
D 33mm	K 76mm	T 25mm
E 38mm	L 51mm	W 56mm
G 20mm	M 5mm	X 10mm
H 80mm	N 7mm	

12

Nominal DC Operating Voltage

03 3.3V	12 12V	36 36V
05 5.0V	18 18V	48 48V
07 7.0V	24 24V	

M

Bearing Type

- B** Ball Bearing
- D** Fluid Dynamic Bearing
- M** NBRX Sleeve Bearing

U

Fan Speed

- | | |
|-----------------|--------------------------------|
| L Low | G Faster |
| M Medium | U Fastest |
| H High | S(n) Customer-Specified |

A

Motor Design

- A-L** Two-Phase Motors
- M-Y** Three-Phase Motors
- Z** Legacy Design

7

Impeller Blades

- | | |
|---------------------------------|-------------|
| 3-7 Number of Fan Blades | A 10 |
| B 11 | C 12 |
| D 13 | E 14 |
| F 15 | G 16 |

52

Monitor/Control Options

Speed-StableFans

- | | |
|-------------------------------------|---------------------------------------------------------|
| 01 None | 08 PWM Control & Locked Rotor Alarm |
| 02 Tachometer | 09 PWM Control & Trip-Point Alarm |
| 03 Locked Rotor Alarm | 10 Thermal Speed Control |
| 04 Trip-Point Speed Alarm | 11 Thermal Speed Control & Tach |
| 05 Tach & Locked Rotor Alarm | 12 Thermal Control & Locked Rotor Alarm |
| 06 PWM Speed Control | 13 Thermal Control & PWM Speed Control |
| 07 PWM Speed Control & Tach | 14 Thermal & PWM Speed Control & Tach |
| | 15 PWM Control, Tach, Inverse Locked Rotor Alarm |

Monitor/Control Options

Free-Running Fans

- | | |
|-------------------------------------|---------------------------------------------------------|
| 51 None | 58 PWM Control & Locked Rotor Alarm |
| 52 Tachometer | 59 PWM Control & Trip-Point Alarm |
| 53 Locked Rotor Alarm | 60 Thermal Speed Control |
| 54 Trip-Point Speed Alarm | 61 Thermal Speed Control & Tach |
| 55 Tach & Locked Rotor Alarm | 62 Thermal Control & Locked Rotor Alarm |
| 56 PWM Speed Control | 63 Thermal Control & PWM Speed Control |
| 57 PWM Speed Control & Tach | 64 Thermal & PWM Speed Control & Tach |
| | 65 PWM Control, Tach, Inverse Locked Rotor Alarm |