## Oil Proof Fan DC

## **Oil Proof Fan**

Cooling fan capable of operating in an oil-mist environment. Related product: Splash Proof Fan p. 247, Splash Proof Centrifugal Fan p. 299, Splash Proof Blower p. 331

Model Numbering System				Not every combination of the following codes or characters is available. Contact us for an available combination							
9WF	12	24		Н		1	01				
Type name	Frame size		Voltage		d code	Frame thickness		Frame form			
Type name 9WF											
Frame size (mm)		04 40×40	06 60×60	08 80×80	09 92×92	<b>12</b> 120×120					
Voltage (V)		24 24									
Speed code		Н									
Frame thickness (mm)		1 38	-	4 6 25 20	7 15						
Sensor specifications		01, 001 With a pulse sensor				02, 002 Without a se	ensor	D01, D001 With a lock s	ensor		
Frame form		Nil Ribbe	d frame								

## **How to Read Specifications** (DC fan) The following is a sample. See respective product pages for detailed information.

Model no.	Rated voltage [V]			Rated input [W]	Rated speed [min <sup>-1</sup> ]	Max. airflow [m <sup>3</sup> /min] [CFM]		Max. static pressure [Pa] [inchH20]		SPL [dB (A)]	Operating temperature [°C]	Expected life [h]
9GA0412G7001	12	7 to 13.8	0.17	2.04	13100	0.36	12.7	192	0.77	42	-20 to +70	40000/60°C (70000/40°C)
Rated voltage	······ Thi	s is the necessar	y voltage	to drive th	e fan. E.g.) 12	2 VDC, 24	VDC, 48 V	'DC				
Operating voltage range $\cdots$ The voltage range over which fan operation is guaranteed.												
Rated current												
Rated input The power value when the fan is operating at rated voltage (at free air).												
Rated speed The speed when the fan is operating at rated voltage (at free air).												
Max. airflow ······	······ The	airflow at 0 Pa s	tatic pres	sure wher	n the fan is op	erating at	t rated vo	ltage. (Me	easured us	ing the doι	ıble chamber ı	nethod)
Max. static pressure												
SPL	A-v	veighted sound p	oressure le	evel (SPL)	when the fan	operates	at the ra	ted speed	1.			
	For	the measuremen	nt method	, see the T	echnical Mat	terials sec	ction in th	e catalog				
Operating temperature	······ The	temperature rar	nge over v	vhich fan	operation is g	juarantee	d (Non-co	ondensin	g).			
Expected life	expected life										and 60°C	
•	tem	perature. Expect	ted life at	40°C is for	reference or	ılv.	5				0	
	-											

For more information, please refer to the technical material section.