

40×40×56 mm

San Ace 40 9CRD type   

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
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[Http://www.100y.com.tw](http://www.100y.com.tw)



General Specifications

- Material Frame: Plastic (Flammability: UL 94V-0), Impeller: Plastic (Flammability: UL 94V-0)
- Expected life See the table below. (L10 life: 90% survival rate for continuous operation in free air at 60°C, rated voltage)
- Motor protection function Locked rotor burnout protection, Reverse polarity protection
For details, please refer to p. 529.
- Dielectric strength 50/60 Hz, 500 VAC, for 1 minute (between lead wire conductors and frame)
- Insulation resistance 10 MΩ or more with a 500 VDC megger (between lead wire conductors and frame)
- Sound pressure level (SPL) At 1 m away from the air inlet
- Storage temperature -30 to +70°C (Non-condensing)
- Lead wire Inlet ⊕Red ⊖Black (Sensor) Yellow (Control) Brown
Outlet ⊕Orange ⊖Gray (Sensor) Purple (Control) White
- Mass 90 g

Specifications

The models listed below **have pulse sensors with PWM control function.**

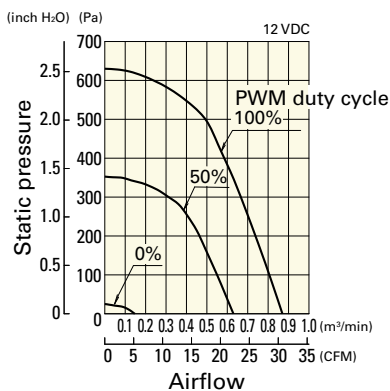
Model no.	Rated voltage [V]	Operating voltage range [V]	PWM duty cycle* [%]	Rated current [A]	Rated input [W]	Rated speed [min ⁻¹]		Max. airflow [m ³ /min] [CFM]		Max. static pressure [Pa] [inchH ₂ O]		SPL [dB (A)]	Operating temperature [°C]	Expected life [h]
						Inlet	Outlet							
9CRD0412P5J03	12	10.8 to 13.2	100	1.15	13.8	19000	12600	0.87	30.72	630	2.53	61	-20 to +70	40000/60°C
			0	0.12	1.44	3700	2500	0.15	5.3	25	0.1	22		
9CRD0412P5G03			100	0.9	10.8	16700	11250	0.77	27.19	500	2.01	58		
			0	0.1	1.2	3350	2250	0.13	4.59	21	0.08	21		
9CRD0412P5H03			100	0.6	7.2	15000	10000	0.7	24.72	410	1.65	56		
			0	0.09	1.08	3000	2000	0.12	4.24	16	0.06	20		
9CRD0412P5M03			100	0.52	6.24	14000	9300	0.65	22.95	360	1.45	54		
			0	0.07	0.84	2000	1300	0.07	2.47	7	0.03	15		

* PWM frequency: 25 kHz

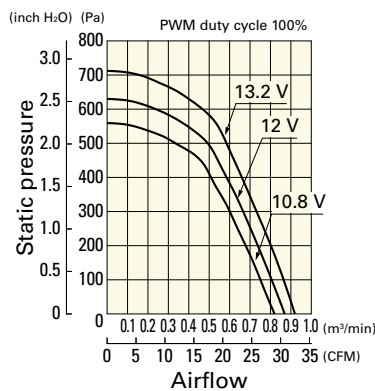
Airflow - Static Pressure Characteristics / PWM Duty - Speed Characteristics Example

9CRD0412P5J03 With pulse sensor with PWM control function

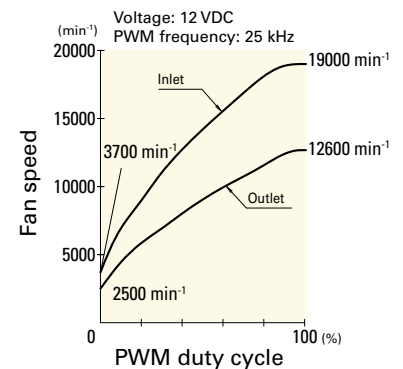
PWM duty cycle



Operating voltage range



PWM duty - Speed characteristics example



Models listed in the main section of this catalog	List of models (models not listed in the main section of this catalog are options. Standards for optional model numbers may differ from the certified standards listed at right. Contact us for details of models with "-" model numbers.)				Frame size	Rib	Standard (certification status is for the models listed in this catalog, and standards for optional model numbers may differ.)			page
	Without sensor	With pulse sensor	With lock sensor	With PWM control function and pulse sensor			UL (cUL)	CSA (cUL)	TÜV	
							UL (cUL)	CSA (cUL)	TÜV	
9BMB24P2K01	9BMB24K202	9BMB24K201	—	9BMB24P2K01	97 × 33 mm	—	✓	✓	✓	446
9BMB24P2S01	9BMB24S202	9BMB24S201	—	9BMB24P2S01	97 × 33 mm	—	✓	✓	✓	446
9BMB24S201	9BMB24S202	9BMB24S201	—	9BMB24P2S01	97 × 33 mm	—	✓	✓	✓	446
9BMC12P2G001	9BMC12G2002	—	—	9BMC12P2G001	97 × 33 mm	—	✓	✓	✓	444
9BMC24P2G001	—	—	—	9BMC24P2G001	97 × 33 mm	—	✓	✓	✓	444
9CR0612P5G03	9CR0612G502	9CR0612G501	—	9CR0612P5G03	60 × 60 × 51 mm	—	✓	✓	✓	236
9CR0612P5H03	—	9CR0612H501	—	9CR0612P5H03	60 × 60 × 51 mm	—	✓	✓	✓	236
9CR1212P0G03	9CR1212G002	9CR1212G001	—	9CR1212P0G03	120 × 120 × 76 mm	—	✓	✓	✓	254
9CR5748P9G001	—	—	—	9CR5748P9G001	∅172 × 150 × 102 mm	—	✓	✓	✓	256
9CRA0312P4J03	—	9CRA0312J401	—	9CRA0312P4J03	38 × 38 × 48 mm	—	✓	✓	✓	222
9CRA0312P4K03	9CRA0312K402	—	—	9CRA0312P4K03	38 × 38 × 48 mm	—	✓	✓	✓	222
9CRA0412P4G03	9CRA0412G402	—	—	9CRA0412P4G03	40 × 40 × 48 mm	—	✓	✓	✓	224
9CRA0412P4J03	9CRA0412J402	9CRA0412J401	—	9CRA0412P4J03	40 × 40 × 48 mm	—	✓	✓	✓	224
9CRA0412P4K03	9CRA0412K402	9CRA0412K401	—	9CRA0412P4K03	40 × 40 × 48 mm	—	✓	✓	✓	224
9CRA0612P0G001	—	—	—	9CRA0612P0G001	60 × 60 × 76 mm	—	✓	✓	✓	243
9CRA0612P0S001	—	—	—	9CRA0612P0S001	60 × 60 × 76 mm	—	✓	✓	✓	243
9CRA0612P6G001	—	—	—	9CRA0612P6G001	60 × 60 × 56 mm	—	✓	✓	✓	238
9CRA0612P6J001	—	—	—	9CRA0612P6J001	60 × 60 × 56 mm	—	✓	✓	✓	238
9CRA0612P6K001	—	—	—	9CRA0612P6K001	60 × 60 × 56 mm	—	✓	✓	✓	238
9CRA0812P8G001	—	9CRA0812G8001	—	9CRA0812P8G001	80 × 80 × 80 mm	—	✓	✓	✓	249
9CRA0824P8G001	—	—	—	9CRA0824P8G001	80 × 80 × 80 mm	—	✓	✓	✓	249
9CRA0848P8G001	—	—	—	9CRA0848P8G001	80 × 80 × 80 mm	—	✓	✓	✓	249
9CRA0912P0G001	—	—	—	9CRA0912P0G001	92 × 92 × 76 mm	—	✓	✓	✓	252
9CRA0948P0G601	—	—	—	9CRA0948P0G601	92 × 92 × 76 mm	—	✓	✓	✓	252
9CRB0812P8G001	—	—	—	9CRB0812P8G001	80 × 80 × 80 mm	—	✓	✓	✓	245
9CRD0412P5G03	—	—	—	9CRD0412P5G03	40 × 40 × 56 mm	—	✓	✓	✓	231
9CRD0412P5H03	—	—	—	9CRD0412P5H03	40 × 40 × 56 mm	—	✓	✓	✓	231
9CRD0412P5J03	—	—	—	9CRD0412P5J03	40 × 40 × 56 mm	—	✓	✓	✓	231
9CRD0412P5M03	—	—	—	9CRD0412P5M03	40 × 40 × 56 mm	—	✓	✓	✓	231
9CRE0412P5J03	9CRE0412J502	—	—	9CRE0412P5J03	40 × 40 × 56 mm	—	✓	✓	✓	234
9CRE0612P0G001	—	—	—	9CRE0612P0G001	60 × 60 × 76 mm	—	✓	✓	✓	241
9CRE0812P8G001	—	—	—	9CRE0812P8G001	80 × 80 × 80 mm	—	✓	✓	✓	247
9CRH0412P5J001	—	—	—	9CRH0412P5J001	40 × 40 × 56 mm	—	✓	✓	✓	227
9CRL0612P0G001	—	—	—	9CRL0612P0G001	60 × 60 × 76 mm	No	✓	✓	✓	361
9CRL0812P8G001	—	—	—	9CRL0812P8G001	80 × 80 × 80 mm	No	✓	✓	✓	366
9CRV0412P5J201	—	—	—	9CRV0412P5J201	40 × 40 × 56 mm	—	✓	✓	✓	229
9EC2024H001	9EC2024H002	9EC2024H001	9EC2024H0D01	—	∅200 × 70 mm	No	✓	✓	✓	218
9EC2048A001	9EC2048A002	9EC2048A001	9EC2048A0D01	9EC2048P0A01	∅200 × 70 mm	No	✓	✓	✓	218
9EC2048H001	9EC2048H002	9EC2048H001	—	—	∅200 × 70 mm	No	✓	✓	✓	218
9EC2048J001	9EC2048J002	9EC2048J001	—	9EC2048P0J01	∅200 × 70 mm	No	—	—	—	218
9G0612G101	9G0612G102	9G0612G101	9G0612G1D01	9G0612P1G03	60 × 60 × 38 mm	Yes	✓	✓	✓	92
9G0612G1011	9G0612G1021	9G0612G1011	9G0612G1D011	9G0612P1G011	60 × 60 × 38 mm	No	✓	✓	✓	92
9G0612P4H001	9G0612H4002	—	9G0612H4D001	9G0612P4H001	60 × 60 × 25 mm	Yes	✓	✓	✓	73
9G0612P4H0011	9G0612H40021	9G0612H40011	9G0612H4D0011	9G0612P4H0011	60 × 60 × 25 mm	No	✓	✓	✓	73
9G0612P4S001	9G0612S4002	9G0612S4001	—	9G0612P4S001	60 × 60 × 25 mm	Yes	✓	✓	✓	73
9G0612P4S0011	9G0612S40021	—	—	9G0612P4S0011	60 × 60 × 25 mm	No	✓	✓	✓	73
9G0612S101	9G0612S102	9G0612S101	9G0612S1D01	—	60 × 60 × 38 mm	Yes	✓	✓	✓	92
9G0612S1011	9G0612S1021	9G0612S1011	—	—	60 × 60 × 38 mm	No	✓	✓	✓	92
9G0624G101	9G0624G102	9G0624G101	9G0624G1D01	9G0624P1G03	60 × 60 × 38 mm	Yes	✓	✓	✓	92
9G0624G1011	9G0624G1021	9G0624G1011	9G0624G1D011	9G0624P1G031	60 × 60 × 38 mm	No	✓	✓	✓	92
9G0624H101	9G0624H102	9G0624H101	9G0624H1D01	—	60 × 60 × 38 mm	Yes	✓	✓	✓	92
9G0624H1011	9G0624H1021	9G0624H1011	—	—	60 × 60 × 38 mm	No	✓	✓	✓	92
9G0624P4H001	9G0624H4002	9G0624H4001	9G0624H4D001	9G0624P4H001	60 × 60 × 25 mm	Yes	✓	✓	✓	73
9G0624P4H0011	9G0624H40021	—	—	9G0624P4H0011	60 × 60 × 25 mm	No	✓	✓	✓	73
9G0624P4S001	9G0624S4002	—	9G0624S4D001	9G0624P4S001	60 × 60 × 25 mm	Yes	✓	✓	✓	73
9G0624P4S0011	9G0624S40021	—	—	9G0624P4S0011	60 × 60 × 25 mm	No	✓	✓	✓	73
9G0624S101	9G0624S102	9G0624S101	9G0624S1D01	—	60 × 60 × 38 mm	Yes	✓	✓	✓	92
9G0624S1011	9G0624S1021	9G0624S1011	—	—	60 × 60 × 38 mm	No	✓	✓	✓	92
9G0648G101	9G0648G102	9G0648G101	9G0648G1D01	9G0648P1G01	60 × 60 × 38 mm	Yes	✓	✓	✓	92
9G0648G1011	9G0648G1021	9G0648G1011	—	9G0648P1G011	60 × 60 × 38 mm	No	✓	✓	✓	92
9G0648P4S001	—	—	—	9G0648P4S001	60 × 60 × 25 mm	Yes	✓	✓	✓	73

Please contact your point of sale regarding low-speed sensors.