

30mm DC FAN

General Specifications

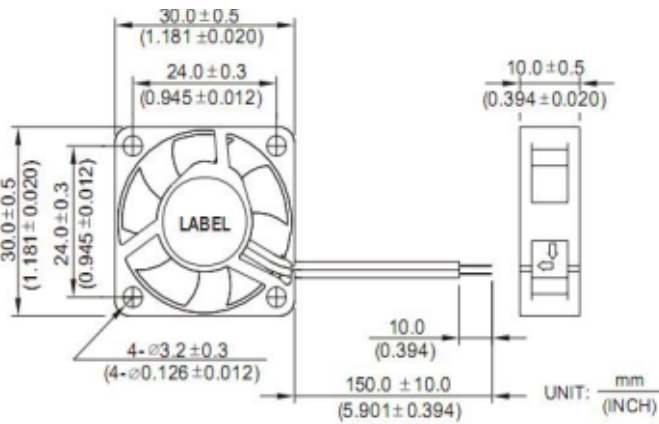
Material -----Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire-----+ Red - Black (Sensor) Brown (Control) Yellow
UL 1061 AWG#26 OR Equivalent
Storage Temperatur--- -30°C ~ +70°C (Non-comdensing)
Bearing Type----- Ball Bearing/Sleeve Bearing
Speed Range----- ±10%
Part Numbering System
SZR-FB0312HA- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing



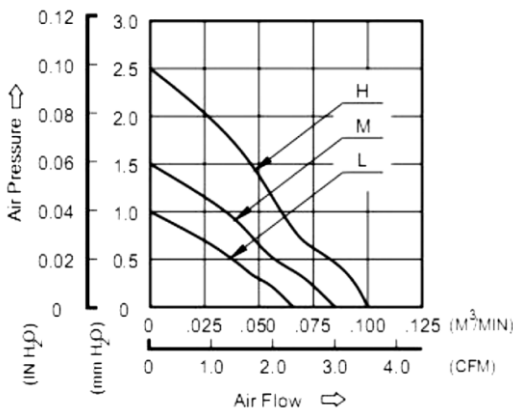
30 X 30 X 10mm (Mass:10.6g)

ModelNo.	Rated Voltage	Operating Voltage	Rated Current	Rated Input	Speed	Maximum Air Flow		Max.StaticPressure		Noise
	VDC	VDC	AMP	Watt		M3/min	CFM	MmH2O	IN H2O	
SZR-FB0305LA	5	4~6	0.08	0.4	6000	0.067	2.36	1.02	0.042	17.5
SZR-FB0305MA			0.13	0.6	8000	0.089	3.18	1.63	0.073	21
SZR-FB0305HA			0.2	1.0	10000	0.11	3.65	2.62	0.115	25.5
SZR-FB0312LA	12	9~13	0.04	0.48	6000	0.067	2.36	1.02	0.042	17.5
SZR-FB0312MA			0.08	0.72	8000	0.089	3.18	1.63	0.073	21
SZR-FB0312HA			0.1	0.96	10000	0.11	3.65	2.62	0.115	25.5

• Dimensions(unit:mm\inch)



•Air Flow-Static Pressure Characteristics



36mm DC FAN

General Specifications

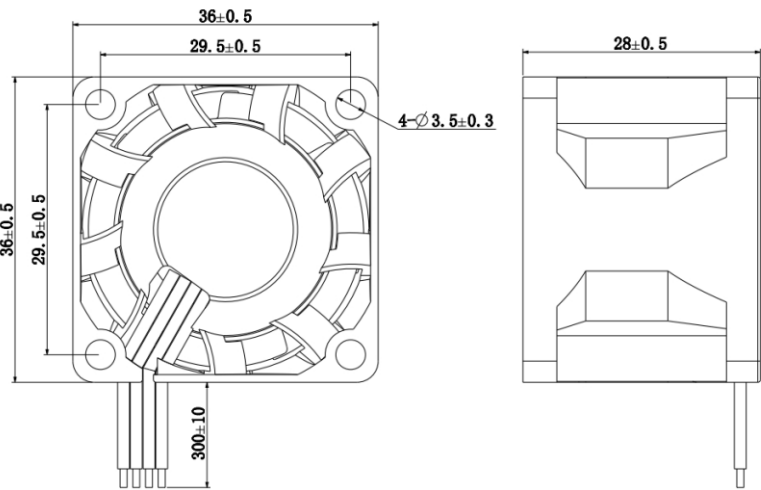
Material -----Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire-----+ Red - Black (Sensor) Brown (Control) Yellow
UL 1430 AWG#24 OR Equivalent
Storage Temperatur--- -30°C ~ +70°C (Non-comdensing)
Bearing Type----- Ball Bearing
Speed Range----- ±10%
Life time -----50000 Hours Ball bearing
Part Numbering System
SZR-FB3612UHN-B B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing



36 X 36 X 28mm (Mass:54g)

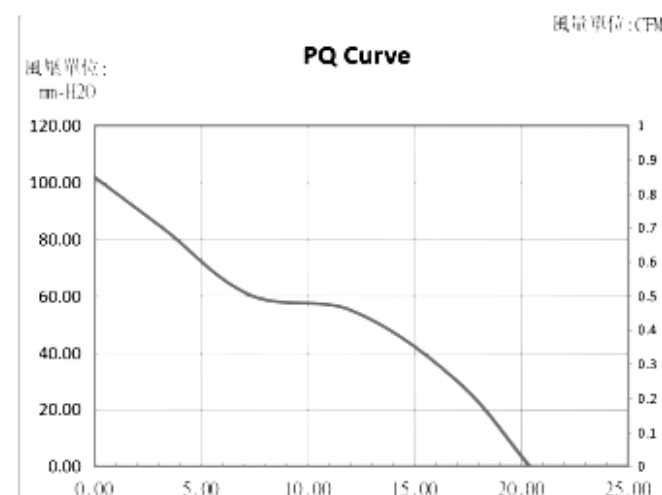
ModelNo.	Rated Voltage	Operating Voltage	Rated Current	Rated Input	Speed	Maximum Air Flow		Max.StaticPressure		Noise
	VDC	VDC	AMP	Watt		M3/min	CFM	PA	IN H2O	
SZR-FB3612UHN-B	12	9.5~13.2	1.2	14.4	28500	0.57	20.4	1000	4.01	64.5
SZR-FB3612ZHN-B	12		1.7	20.4	32500	0.72	25.4	1400	5.62	67.5
SZR-FB3612XHN-B	12		2.4	28.8	36500	0.86	30.5	1900	7.63	70.5
SZR-FB3624UHN-B	24	9.5~13.2	0.6	14.4	28500	0.57	20.4	1000	4.01	64.5
SZR-FB3624ZHN-B	24		0.85	20.4	32500	0.72	25.4	1400	5.62	67.5
SZR-FB3624XHN-B	24		1.2	28.8	36500	0.86	30.5	1900	7.63	70.5

• Dimensions(unit:mm\inch)

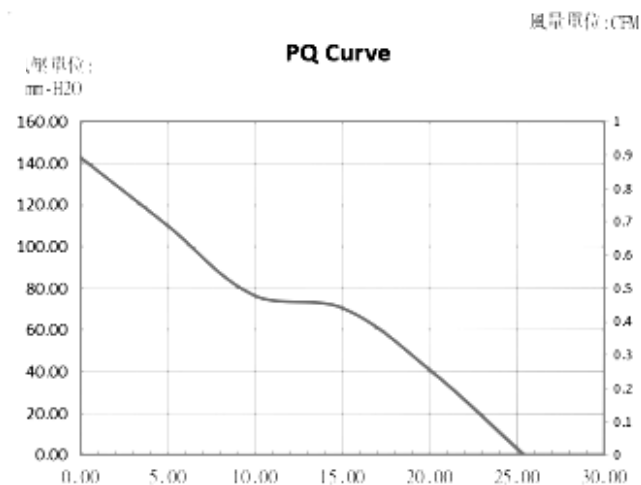


●Air Flow-Static Pressure Characteristics

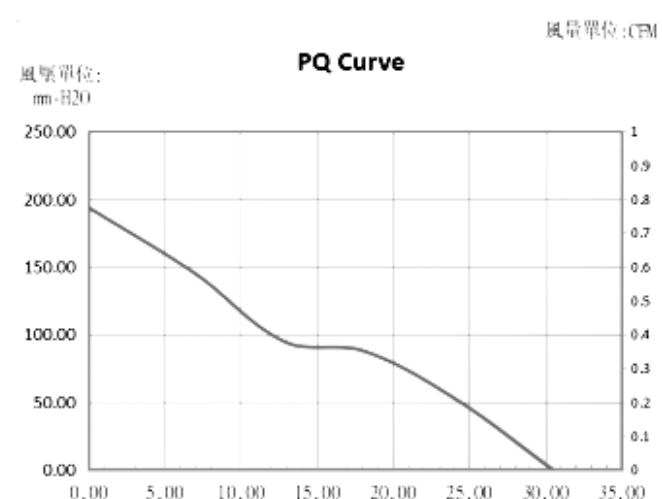
SZR-3628-UHN-B



SZR-3628-ZHN-B



SZR-3628-XHN-B



► 38mm DC FAN

General Specifications

Material -----Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire-----+ Red - Black (Sensor) Brown (Control) Yellow
UL 1061 AWG#24 OR Equivalent

Storage Temperatur--- -30°C ~ +70°C (Non-condensing)

Bearing Type----- Ball Bearing

Speed Range----- ±10%

Part Numbering System

SZR-FB3828GHN- B R 1

Waterproof level:0=no,1=IP55,2=IP68

Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor

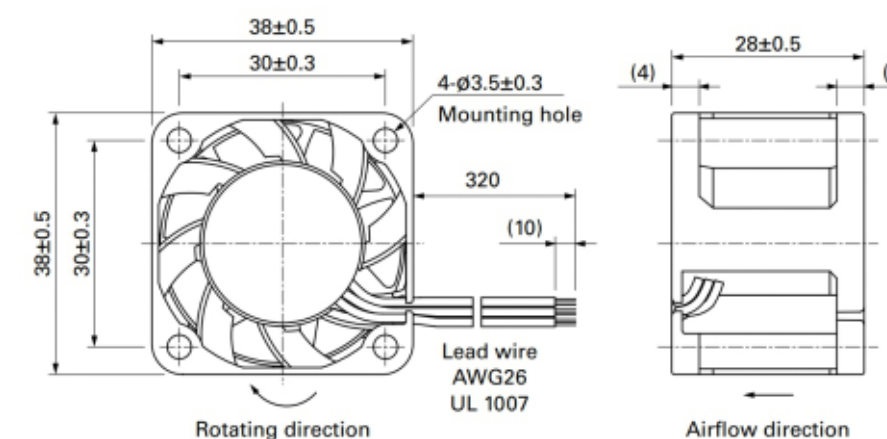
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing



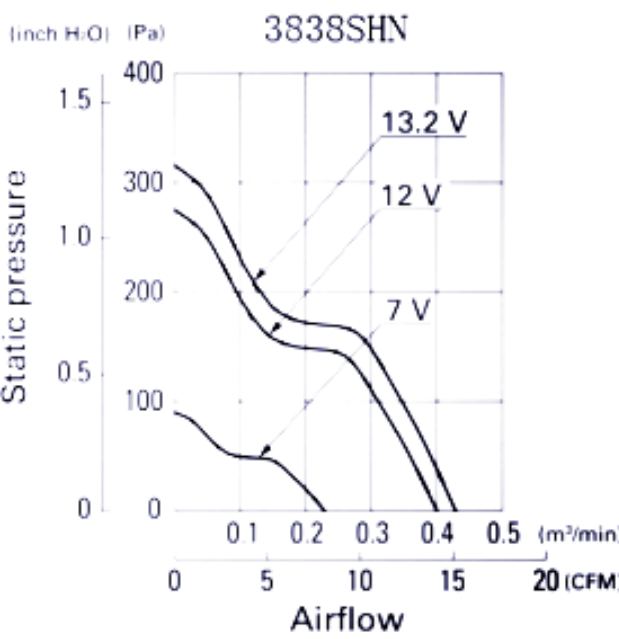
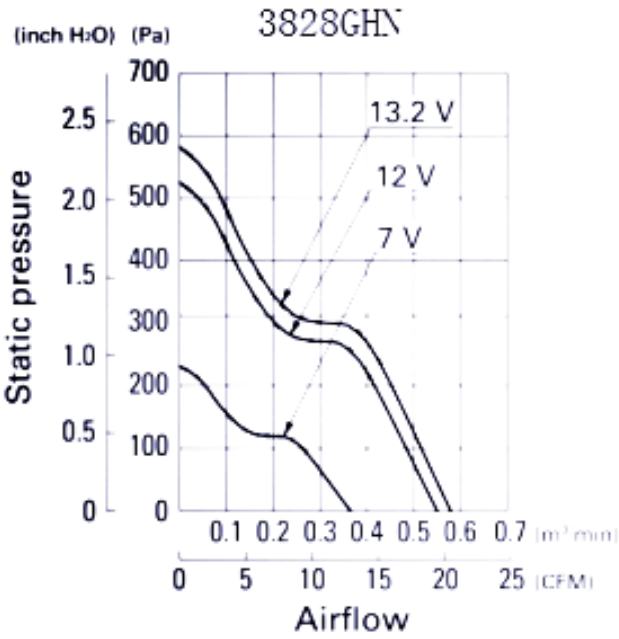
38 X 38 X 28mm (Mass:48g)

ModelNo.	Rated Voltage	Operating Voltage	Rated Current	Rated Input	Speed	Maximum Air Flow		Max.StaticPressure		Noise
	VDC	VDC	AMP	Watt	R.P.M	M3/min	CFM	MmH ₂ O	IN H ₂ O	dB-A
SZR-FB3812SHN	12	9.5~13.2	0.35	4.2	14000	0.4	14.08	28.04	1.104	52
SZR-FB3812GHN			0.75	9.0	19000	0.55	19.36	53.34	2.1	58
SZR-FB3812UHN			1.3	15.6	24000	0.69	24.29	85.3	3.36	66
SZR-FB3824SHN	24	13.5~26	0.175	4.2	14000	0.4	14.08	28.04	1.104	52
SZR-FB3824GHN			0.375	9.0	19000	0.55	19.36	53.34	2.1	58
SZR-FB3824UHN			0.55	15.6	24000	0.69	24.29	85.3	3.36	66

● Dimensions(unit:mm\inch)



●Air Flow-Static Pressure Characteristics



▶ 40mm DC FAN

General Specifications

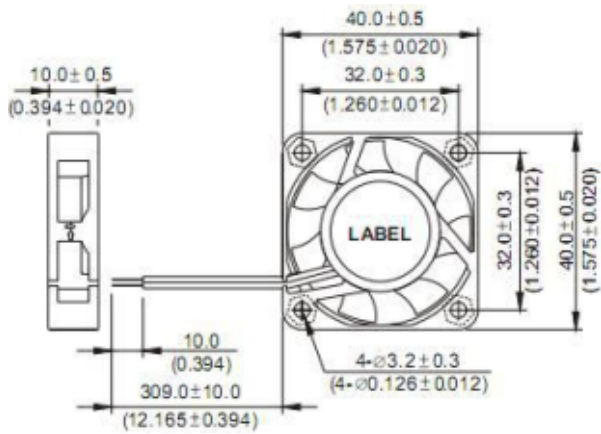
- Material -----Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
- Lead Wire-----+ Red - Black (Sensor) Brown (Control) Yellow
UL 1061 AWG#28 OR Equivalent
- Storage Temperatur--- -30°C ~ +70°C (Non-condensing)
- Bearing Type----- Ball Bearing/Sleeve Bearing
- Speed Range----- ±10%
- Part Numbering System
SZR-FB0412HA- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing



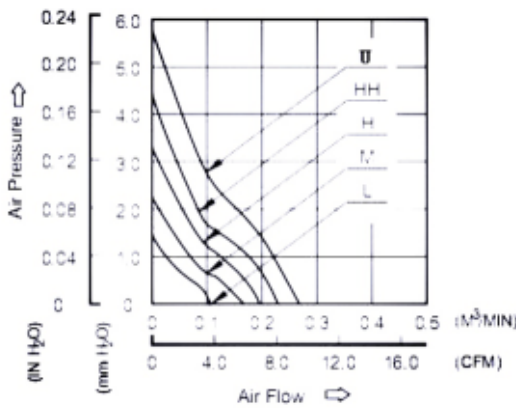
40 X 40 X 10mm (Mass:15g)

ModelNo.	Rated Voltage	Operating Voltage	Rated Current	Rated Input	Speed	Maximum AirFlow		Max.StaticPressure		Noise
	VDC	VDC	AMP	Watt	R.P.M	M3/min	CFM	MmH2O	IN H2O	dB-A
SZR-FB0405LA	5	4.5~5.5	0.07	0.35	3800	0.102	3.68	1.41	0.054	20.5
SZR-FB0405MA			0.10	0.50	4800	0.164	5.84	2.22	0.084	24.5
SZR-FB0405HA			0.13	0.65	5800	0.192	6.88	3.23	0.124	27.5
SZR-FB0405HHA			0.19	0.95	6800	0.224	8.01	4.38	0.170	31.5
SZR-FB0412LA	12	7.2~135	0.05	0.36	3800	0.102	3.68	1.41	0.054	20.5
SZR-FB0412MA			0.06	0.60	4800	0.164	5.84	2.22	0.084	24.5
SZR-FB0412HA			0.08	0.96	5800	0.192	6.88	3.23	0.124	27.5
SZR-FB0412HHA			0.10	1.2	6800	0.224	8.01	4.38	0.170	31.5
SZR-FB0412UA			0.16	1.92	8000	0.262	9.32	5.71	0.221	38.5

● Dimensions(unit:mm\inch)



●Air Flow-Static Pressure Characteristics



40mm DC FAN

General Specifications

Material -----Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire-----+ Red - Black (Sensor)Brown (Control) Yellow
UL 1061 AWG#24 OR Equivalent
Storage Temperatur--- -30°C ~ +70°C (Non-comdensing)
Bearing Type----- Ball Bearing/Sleeve Bearing
Speed Range----- ±10%
Part Numbering System
SZR-FB0412HB- B R 1

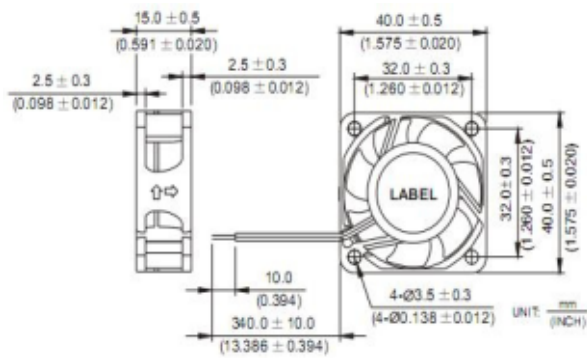
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing



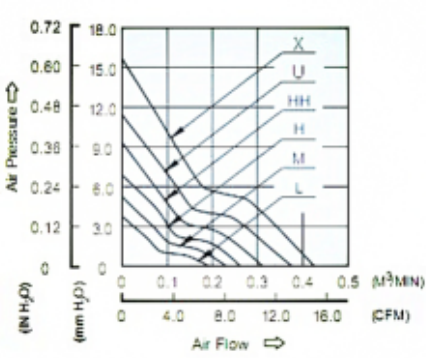
40 X 40 X 15mm (Mass:24g)

ModelNo.	Rated Voltage	Operating Voltage	Rated Current	Rated Input	Speed	Maximum Air Flow		Max.StaticPressure		Noise
	VDC	VDC	AMP	Watt	R.P.M	M3/min	CFM	MmH2O	IN H2O	
SZR-FB0412LB	12	7~13.2	0.06	0.72	4900	0.181	6.42	3.62	0.141	19
SZR-FB0412MB			0.09	1.08	5900	0.220	8.08	5.09	0.198	25.5
SZR-FB0412HB			0.10	1.2	6900	0.263	9.38	6.86	0.268	29
SZR-FB0412HHB			0.13	1.56	8200	0.316	11.28	9.08	0.351	32.5
SZR-FB0412UB			0.16	1.92	9300	0.360	12.89	11.52	0.453	37.5
SZR-FB0412XB			0.25	3.00	10500	0.411	14.65	14.98	0.592	42.5
SZR-FB0424LB	24	14.5~26.5	0.05	1.20	4900	0.181	6.42	3.62	0.141	19
SZR-FB0424MB			0.06	1.44	5900	0.220	8.08	5.09	0.198	25.5
SZR-FB0424HB			0.08	1.92	6900	0.263	9.38	6.86	0.268	29
SZR-FB0424HHB			0.09	2.16	8200	0.316	11.28	9.08	0.351	32.5
SZR-FB0424UB			0.1	2.40	9300	0.360	12.89	11.52	0.453	37.5
SZR-FB0424XB			0.12	2.88	10500	0.411	14.65	14.98	0.592	42.5

• Dimensions(unit:mm\inch)



•Air Flow-Static Pressure Characteristics



40mm DC FAN

General Specifications

Material -----Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire-----+ Red - Black (Sensor) Brown (Control) Yellow
UL 1430 AWG#26 OR Equivalent
Storage Temperatur--- -25°C ~ +70°C (Non-comdensing)
Bearing Type----- Ball Bearing/Sleeve Bearing
Speed Range----- ±10%
Part Numbering System
SZR-FB0412GHD-B B R 1

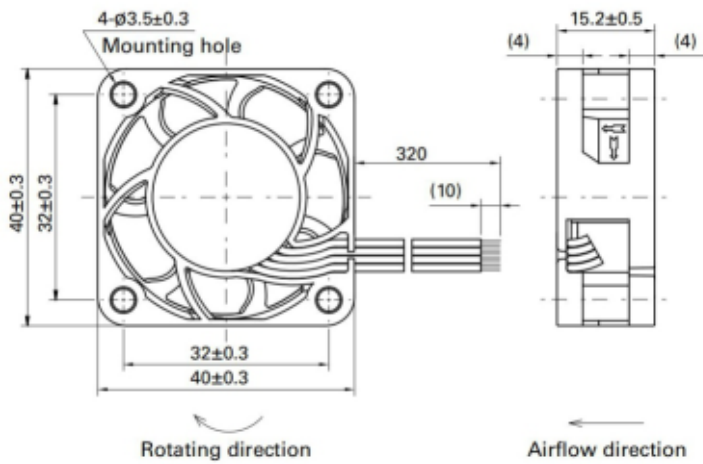
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing



40 X 40 X 15mm (Mass:28g)

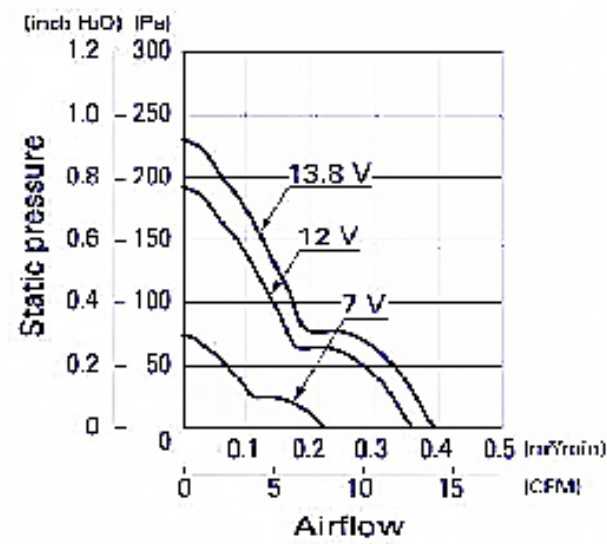
ModelNo.	Rated Voltage	Operating Voltage	Rated Current	Rated Input	Speed	Maximum Air Flow		Max.StaticPressure		Noise
	VDC	VDC	AMP	Watt	R.P.M	M3/min	CFM	Pa	IN H2O	
SZR-FB0405GHB-A	5	4.5~5.6	0.14	0.72	7300	0.2	7.1	59.6	0.24	28
SZR-FB0405UHB-A			0.5	2.0	13100	0.36	12.7	192	0.77	42
SZR-FB0412GHB-A	12	7~13.2	0.06	0.72	7300	0.2	7.1	59.6	0.24	28
SZR-FB0412UHB-A			0.17	2.04	13100	0.36	12.7	192	0.77	42
SZR-FB0424GHB-A	24	14.5~26.5	0.03	0.72	7300	0.2	7.1	59.6	0.24	28
SZR-FB0424UHB-A			0.085	2.04	13100	0.36	12.7	192	0.77	42

• Dimensions(unit:mm\inch)

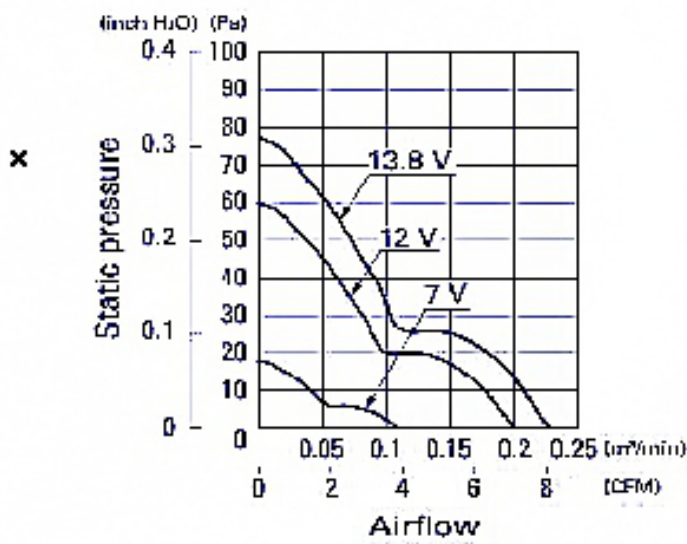


•Air Flow-Static Pressure Characteristics

SZR-FB04-UHB-A



SZR-FB04-GHB-A



► 40mm DC FAN

General Specifications

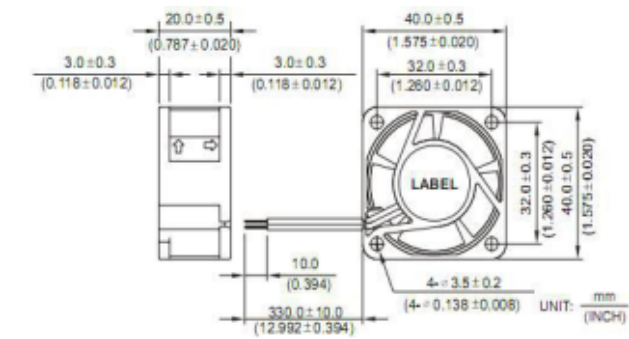
- Material -----Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
- Lead Wire-----+ Red - Black (Sensor) Brown (Control) Yellow
UL 1061 AWG#24 OR Equivalent
- Storage Temperatur--- -30°C ~ +70°C (Non-condensing)
- Bearing Type----- Ball Bearing/Sleeve Bearing
- Speed Range----- ±10%
- Part Numbering System
SZR-FB0412LD- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing



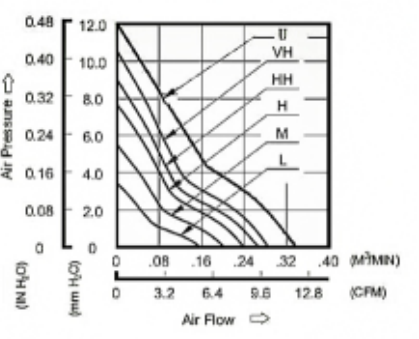
40 X 40 X 20mm (Mass:29g)

ModelNo.	Rated Voltage	Operating Voltage	Rated Current	Rated Input	Speed	Maximum Air Flow		Max.StaticPressure		Noise
	VDC	VDC	AMP	Watt	R.P.M	M3/min	CFM	MmH2O	IN H2O	dB-A
SZR-FB0405LD	5	4~6	0.10	0.50	4900	0.154	5.48	3.41	0.132	22.5
SZR-FB0405MD			0.15	0.75	6100	0.198	7.13	5.51	0.214	24.5
SZR-FB0405HD			0.25	1.25	7500	0.238	8.50	7.63	0.298	29
SZR-FB0412LD	12	7~13.2	0.05	0.60	4900	0.154	5.48	3.41	0.132	22.5
SZR-FB0412MD			0.06	0.72	6100	0.198	7.13	5.51	0.214	24.5
SZR-FB0412HD			0.08	0.96	7500	0.238	8.50	7.63	0.298	29
SZR-FB0412HHD			0.10	1.20	8100	0.264	9.39	8.94	0.349	31
SZR-FB0412VHD			0.12	1.44	8900	0.282	10.02	10.48	0.411	33.5
SZR-FB0412UD			0.31	3.72	10500	0.340	12.1	13.25	0.516	40.5
SZR-FB0424LD	24	14.5~26.5	0.05	1.20	4900	0.154	5.48	3.41	0.132	22.5
SZR-FB0424MD			0.06	1.44	6100	0.198	7.13	5.51	0.214	24.5
SZR-FB0424HD			0.08	1.92	7500	0.238	8.50	7.63	0.298	29
SZR-FB0424HHD			0.09	2.16	8100	0.264	9.39	8.94	0.349	31
SZR-FB0424VHD			0.1	2.40	8900	0.282	10.02	10.48	0.411	33.5

• Dimensions(unit:mm\inch)



•Air Flow-Static Pressure Characteristics



▶ 40mm DC FAN

General Specifications

Material -----Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire-----+ Red - Black (Sensor)Brown (Control) Yellow
UL 1061 AWG#24 OR Equivalent
Storage Temperat--- -30°C ~ +70°C (Non-comdensing)
Bearing Type----- Ball Bearing/Sleeve Bearing
Speed Range----- ±10%
Part Numbering System
SZR-FB0412GHD-AB R 1

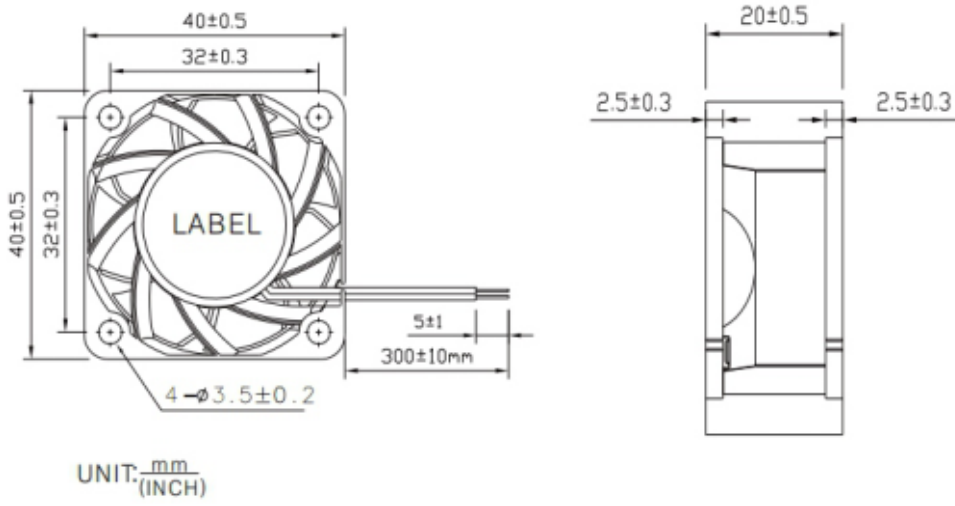
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing



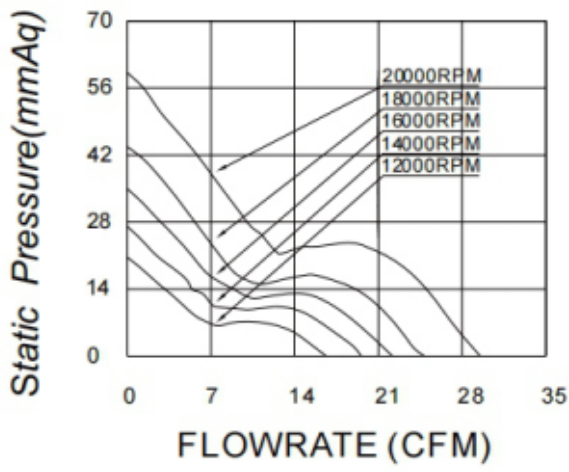
40 X 40 X 20mm (Mass:28g)

ModelNo.	Rated Voltage	Operating Voltage	Rated Current	Rated Input	Speed	Maximum Air Flow		Max.StaticPressure		Noise
	VDC	VDC	AMP	Watt	R.P.M	M3/min	CFM	MmH2O	IN H2O	dB-A
SZR-FB0412SHD-A	12	7~13.2	0.42	5.04	12000	0.47	16.6	20.7	0.82	53.2
SZR-FB0412GHD-A			0.54	6.48	14000	0.56	19.6	27.1	1.07	54.2
SZR-FB0412UHD-A			0.66	7.92	16000	0.63	22.2	35.0	1.38	55.6
SZR-FB0412XHD-A			0.84	10.08	18000	0.71	24.8	43.8	1.73	58.0
SZR-FB0412ZHD-A			1.1	12.00	20000	0.84	29.5	59.2	2.33	59.5
SZR-FB0424SHD-A	24	14.5~26.5	0.21	5.04	12000	0.47	16.6	20.7	0.82	53.2
SZR-FB0424GHD-A			0.27	6.48	14000	0.56	19.6	27.1	1.07	54.2
SZR-FB0424UHD-A			0.33	7.92	16000	0.63	22.2	35.0	1.38	55.6
SZR-FB0424XHD-A			0.42	10.08	18000	0.71	24.8	43.8	1.73	58.0
SZR-FB0424ZHD-A			0.55	12.00	20000	0.84	29.5	59.2	2.33	59.5

• Dimensions(unit:mm\inch)



•Air Flow-Static Pressure Characteristics



40mm DC FAN

General Specifications

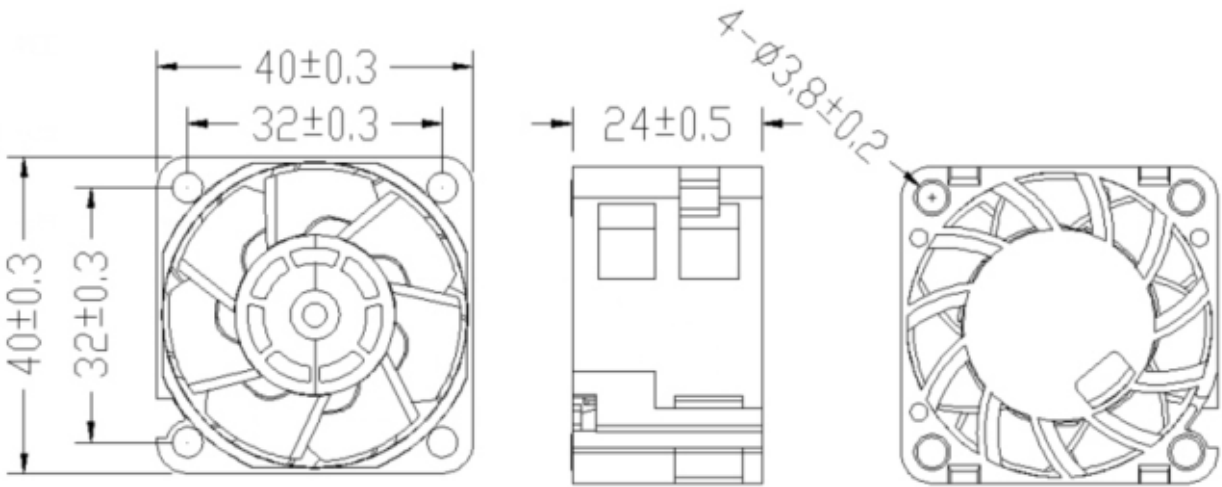
Material -----Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire-----+ Red - Black (Sensor) Brown (Control) Yellow
UL 1061 AWG#24 OR Equivalent
Storage Temperat--- -30°C ~ +70°C (Non-comdensing)
Bearing Type----- Ball Bearing
Speed Range----- ±10%
Part Numbering System
SZR-FB0412HF-A B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing



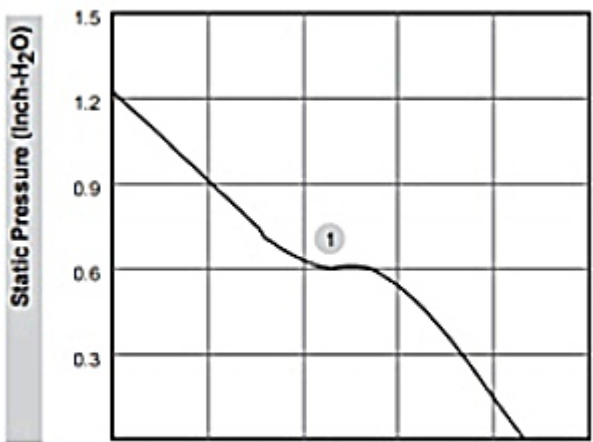
40 X 40 X 24mm (Mass:40g)

ModelNo.	Rated Voltage	Operating Voltage	Rated Current	Rated Input	Speed	Maximum Air Flow		Max.StaticPressure		Noise
	VDC	VDC	AMP	Watt	R.P.M	M3/min	CFM	MmH2O	IN H2O	dB-A
SZR-FB0412GHF-A	12	8.5~13.7	0.56	6.72	14700	0.61	21.6	31.24	1.23	55.5
SZR-FB0424GHF-A	24	13.5~27	0.28	6.72	14700	0.61	21.6	31.24	1.23	55.5
SZR-FB0424GHF-A	48	36.5~60	0.14	6.72	14700	0.61	21.6	31.24	1.23	55.5

• Dimensions(unit:mm\inch)



•Air Flow-Static Pressure Characteristics



▶ 40mm DC FAN

General Specifications

Material -----Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire-----+ Red - Black (Sensor) Brown (Control) Yellow
UL 1061 AWG#24 OR Equivalent
Storage Temperatur--- -30°C ~ +70°C (Non-condensing)
Bearing Type----- Ball Bearing
Speed Range----- ±10%
Part Numbering System

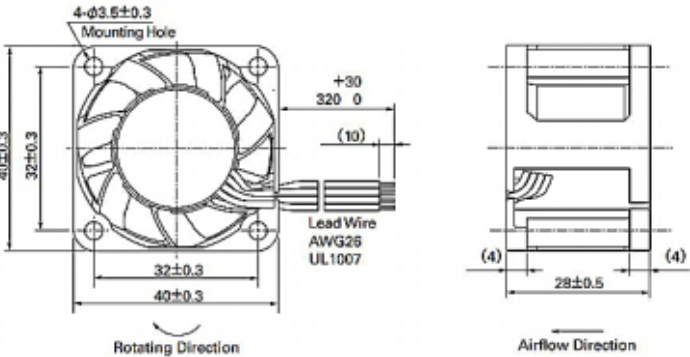
SZR-FB0412HN- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing



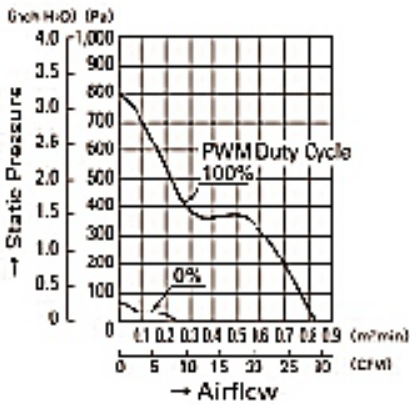
40 X 40 X 28mm (Mass:50g)

ModelNo.	Rated Voltage	Operating Voltage	Rated Current	Rated Input	Speed	Maximum Air Flow		Max.StaticPressure		Noise
	VDC	VDC	AMP	Watt	R.P.M	M3/min	CFM	MmH2O	INH2O	dB-A
SZR-FB0412HHN	12	9.5~13.2	0.24	2.88	12500	0.46	16.2	26.4	1.04	47
SZR-FB0412VHN			0.29	3.48	14500	0.54	19.1	35.3	1.39	50
SZR-FB0412SHN			0.46	5.52	16500	0.61	21.5	45.9	1.81	53.5
SZR-FB0412GHN			0.6	7.2	18000	0.67	23.7	54.6	2.15	55
SZR-FB0412UHN			1.1	13.2	22000	0.81	28.6	81.5	3.21	61
SZR-FB0424HHN	24	13.5~26	0.24	2.88	12500	0.46	16.2	26.4	1.04	47
SZR-FB0424VHN			0.29	3.48	14500	0.54	19.1	35.3	1.39	50
SZR-FB0424SHN			0.46	5.52	16500	0.61	21.5	45.9	1.81	53.5
SZR-FB0424GHN			0.6	7.2	18000	0.67	23.7	54.6	2.15	55
SZR-FB0424UHN			1.1	13.2	22000	0.81	28.6	81.5	3.21	61

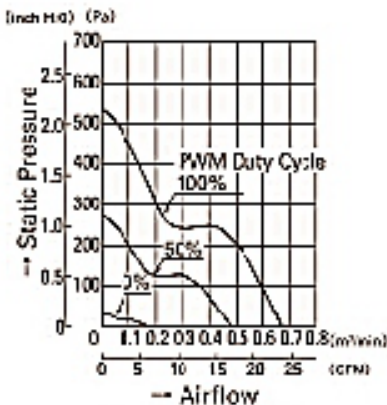
• Dimensions(unit:mm\inch)



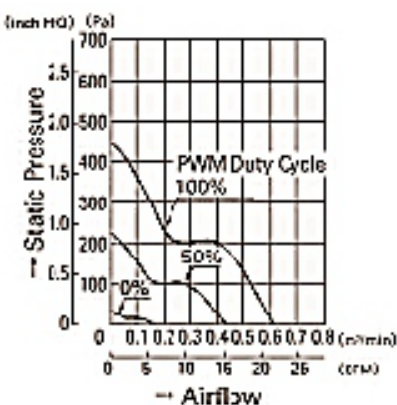
•Air Flow-Static Pressure Characteristics



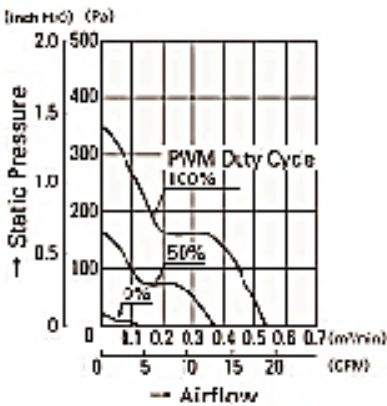
SZR-FB0412UHN



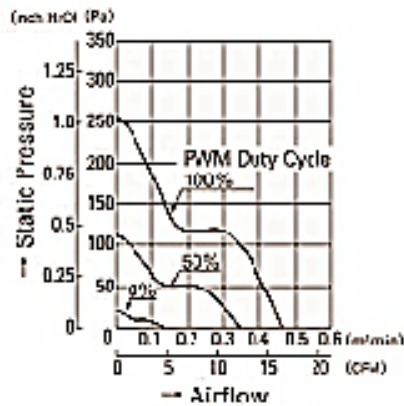
SZR-FB0412GHN



SZR-FB0412SHN



SZR-FB0412VHN



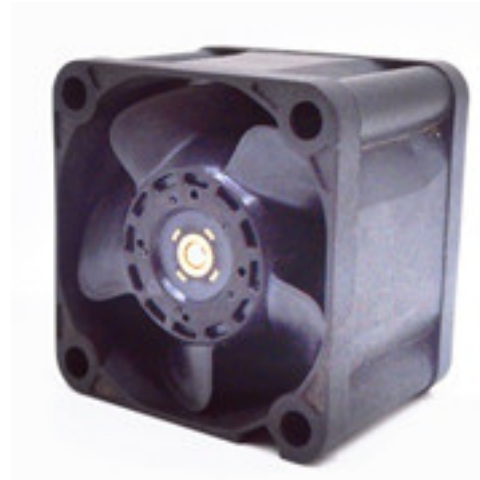
SZR-FB0412HHN

► 40mm DC FAN

General Specifications

Material -----Frame:Plastics (Flammability:UL94V-0)
 Impeller:Plastics (Flammability:UL94V-0)
 Lead Wire-----+ Red - Black (Sensor) Brown (Control) Yellow
 UL 1061 AWG#24 OR Equivalent
 Storage Temperatur--- -30°C ~ +70°C (Non-comdensing)
 Bearing Type----- Ball Bearing
 Speed Range----- ±10%
 Part Numbering System
 SZR-FB0412UHN- B R 1

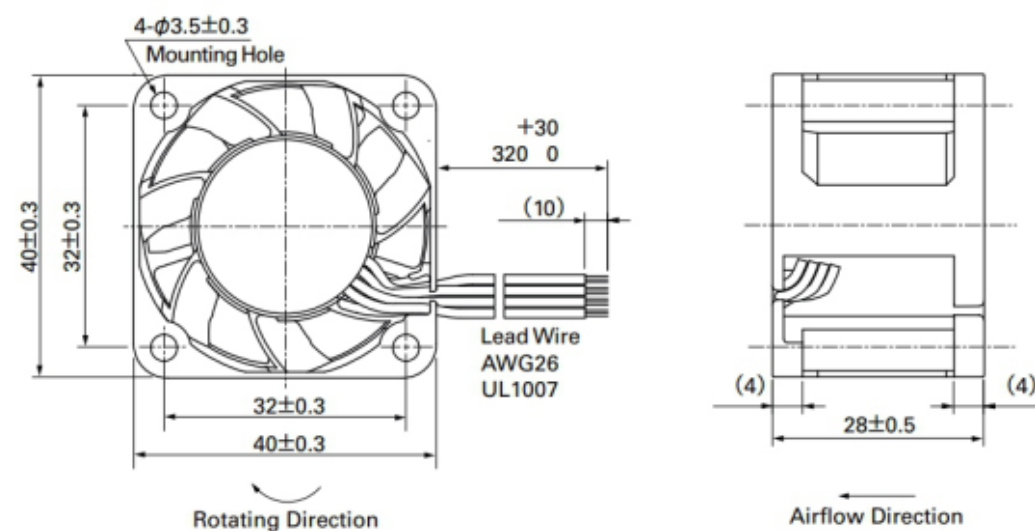
Waterproof level:0=no,1=IP55,2=IP68
 Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
 Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing



40 X 40 X 28mm (Mass:55g)

ModelNo.	Rated Voltage	Operating Voltage	Rated Current	Rated Input	Speed	Maximum Air Flow		Max.StaticPressure		Noise
	VDC	VDC	AMP	Watt		M3/min	CFM	MmH2O	IN H2O	
SZR-FB0412UHN	12	7-13	1.9	22.8	30000	1.07	37.6	139..5	5.41	69
SZR-FB0424HHN	24	13.5~26	0.95	22.8	30000	1.07	37.6	139..5	5.41	69

• Dimensions(unit:mm\inch)



► 52mm DC FAN

General Specifications

Material -----Frame:Plastics (Flammability:UL94V-0)
 Impeller:Plastics (Flammability:UL94V-0)
 Lead Wire-----+ Red - Black (Sensor) Brown (Control) Yellow
 UL 1007 AWG#26 OR Equivalent
 Storage Temperatur--- -30°C ~ +70°C (Non-comdensing)
 Bearing Type----- Ball Bearing
 Speed Range----- ±10%
 Part Numbering System
 SZR-FB0512MB-A B R 1

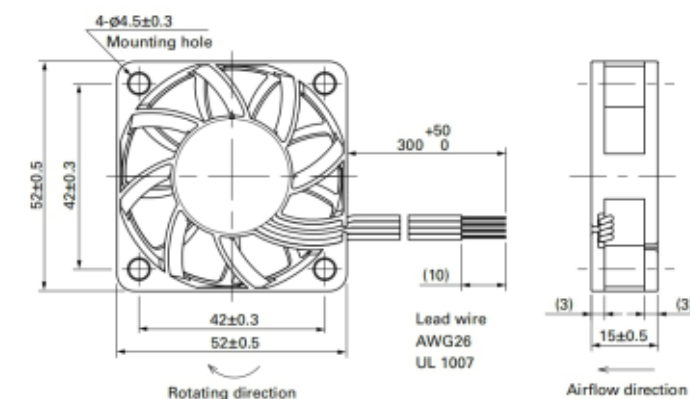
Waterproof level:0=no,1=IP55,2=IP68
 Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
 Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing



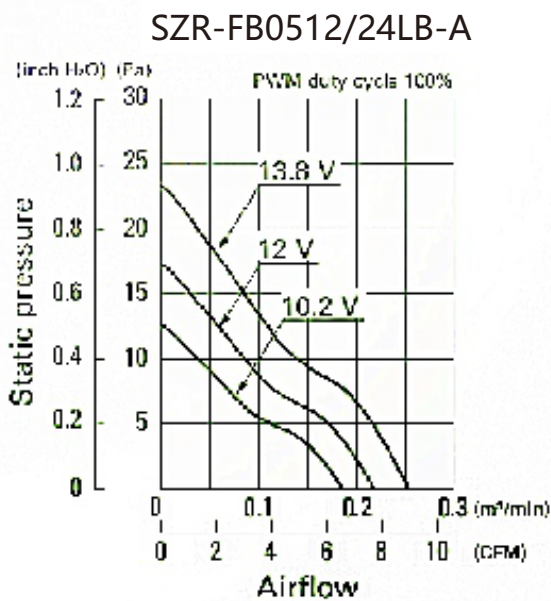
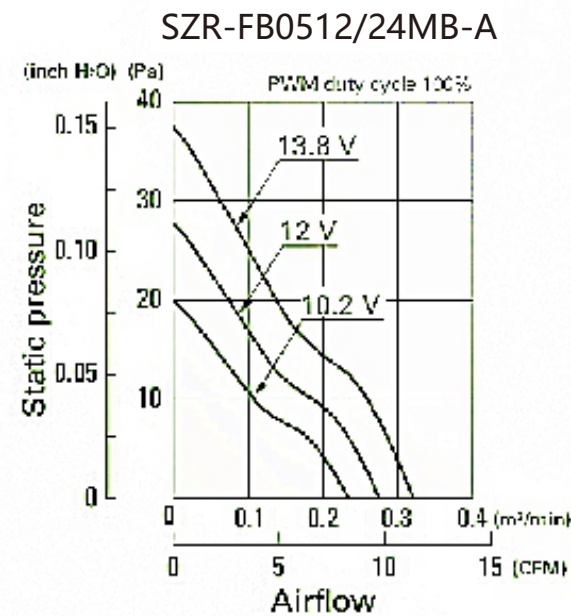
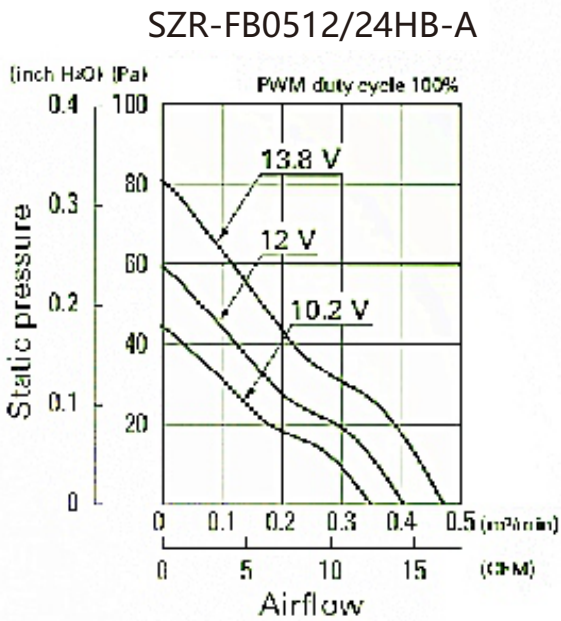
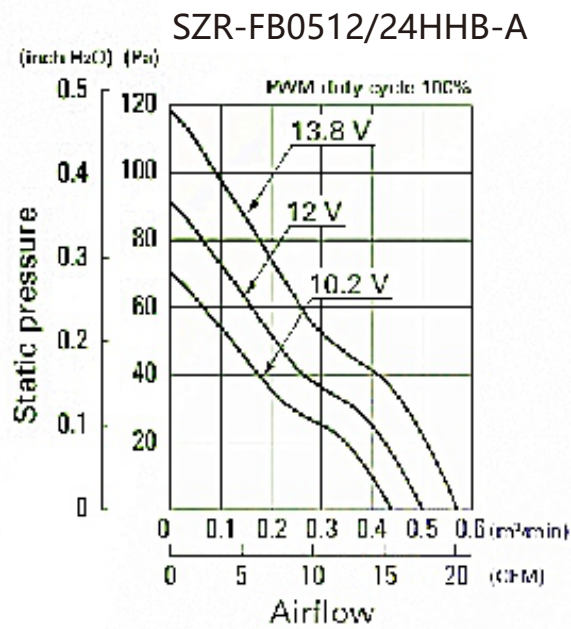
52 X 52 X 15mm (Mass:36g)

ModelNo.	Rated Voltage	Operating Voltage	Rated Current	Rated Input	Speed	Maximum Air Flow		Max.StaticPressure		Noise
	VDC	VDC	AMP	Watt		M3/min	CFM	Pa	IN H2O	
SZR-FB0512LB-A	12	7.5~13.2	0.04	0.48	3400	0.215	7.6	17	0.068	16
SZR-FB0512MB-A			0.05	0.6	4300	0.275	9.7	27.5	0.11	22
SZR-FB0512HB-A			0.08	0.96	6300	0.4	14.1	59	0.237	32
SZR-FB0512HHB-A			0.13	1.56	7800	0.5	17.7	91.5	0.367	38
SZR-FB0512VHB-A			0.28	3.36	10000	0.633	22.3	137.15	0.551	43
SZR-FB0524LB-A	24	14~26.2	0.02	0.48	3400	0.215	7.6	17	0.068	16
SZR-FB0524MB-A			0.025	0.6	4300	0.275	9.7	27.5	0.11	22
SZR-FB0524HB-A			0.04	0.96	6300	0.4	14.1	59	0.237	32
SZR-FB0524HHB-A			0.067	1.6	7800	0.5	17.7	91.5	0.367	38
SZR-FB0524VHB-A			0.14	3.36	10000	0.633	22.3	137.15	0.551	43

• Dimensions(unit:mm\inch)



●Air Flow-Static Pressure Characteristics



► 60mm DC FAN

General Specifications

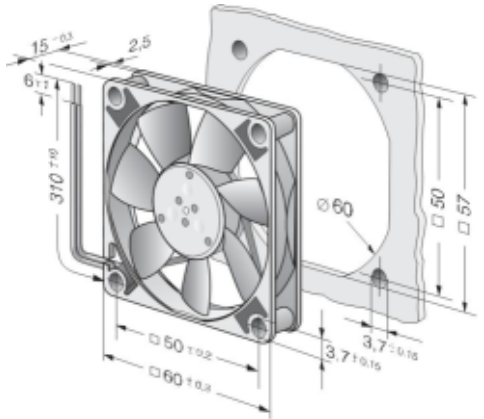
Material -----Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire-----+ Red - Black (Sensor) Brown (Control) Yellow
UL 1061 AWG#24 OR Equivalent
Storage Temperatur--- -30°C ~ +70°C (Non-condensing)
Bearing Type----- Ball Bearing/Sleeve Bearing
Speed Range----- ±10%
Part Numbering System
SZR-FB0612MB- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing



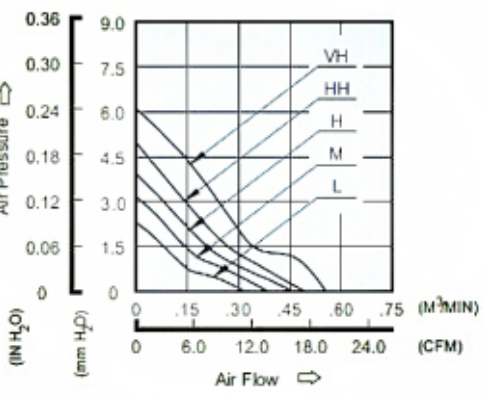
60 X 60 X 15mm (Mass:30g)

ModelNo.	Rated Voltage	Operating Voltage	Rated Current	Rated Input	Speed	Maximum Air Flow		Max.StaticPressure		Noise
	VDC	VDC	AMP	Watt	R.P.M	M3/min	CFM	Pa	IN H2O	dB-A
SZR-FB00612LB-A	12	7.5~13.2	0.04	0.48	2650	0.31	11.15	11.68	0.047	16
SZR-FB00612MB-A			0.09	1.09	3900	0.48	17.01	24.1	0.097	27
SZR-FB00612HB-A			0.125	1.56	4500	0.55	19.36	30.3	0.122	31
SZR-FB00612HHB-A			0.18	2.16	5100	0.62	21.8	37.3	0.15	35
SZR-FB00612VHB-A			0.24	2.88	5700	0.69	24.2	52.27	0.21	39.5
SZR-FB00624LB-A	24	14~26.2	0.02	0.48	2650	0.31	11.15	11.68	0.047	16
SZR-FB00624MB-A			0.04	0.96	3900	0.48	17.01	24.1	0.097	27
SZR-FB00624HB-A			0.065	1.56	4500	0.55	19.36	30.3	0.122	31
SZR-FB00624HHB-A			0.09	2.16	5100	0.62	21.8	37.3	0.15	35
SZR-FB00624VHB-A			0.12	2.88	5700	0.69	24.2	52.27	0.21	39.5

● Dimensions(unit:mm\inch)



●Air Flow-Static Pressure Characteristics



60mm DC FAN

General Specifications

Material -----Frame:Plastics (Flammability:UL94V-0)
 Impeller:Plastics (Flammability:UL94V-0)
 Lead Wire-----+ Red - Black (Sensor) Brown (Control) Yellow
 25000 Hours Sleeve bearing
 50000 Hours Ball bearing
 Storage Temperatur--- -30°C ~ +70°C (Non-condensing)
 Bearing Type----- Ball Bearing/Sleeve Bearing
 Speed Range----- ±10%
 Part Numbering System



SZR-FB0612HHD-A- B R 1

Waterproof level:0=no,1=IP55,2=IP68

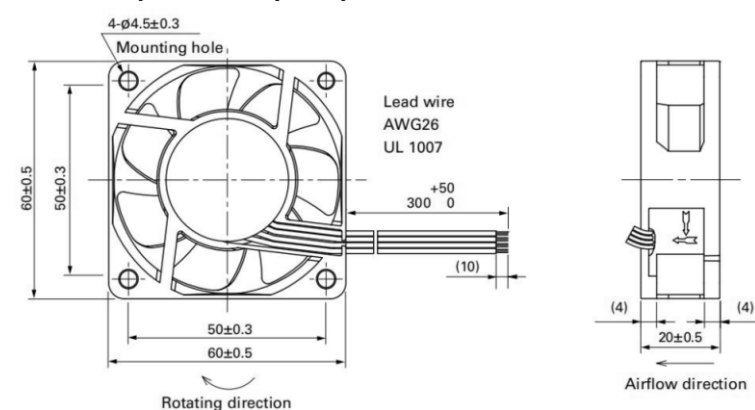
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor

Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

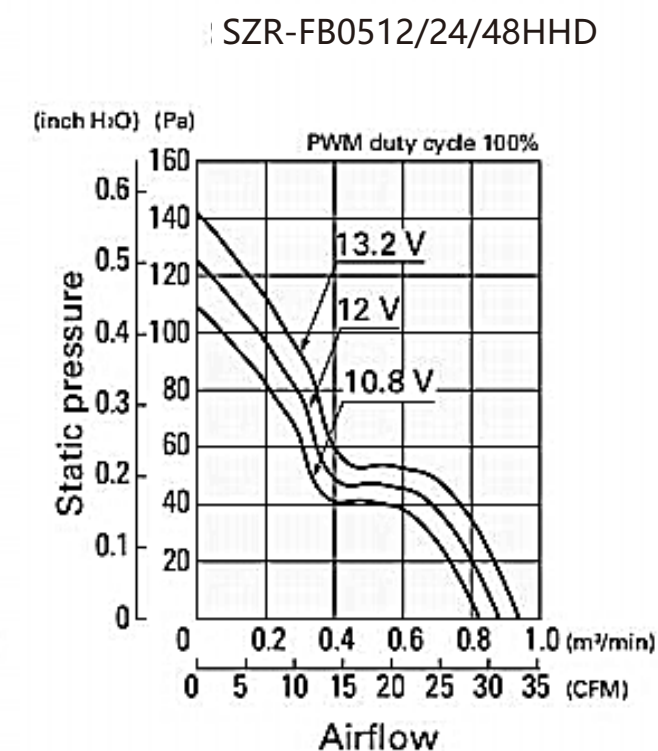
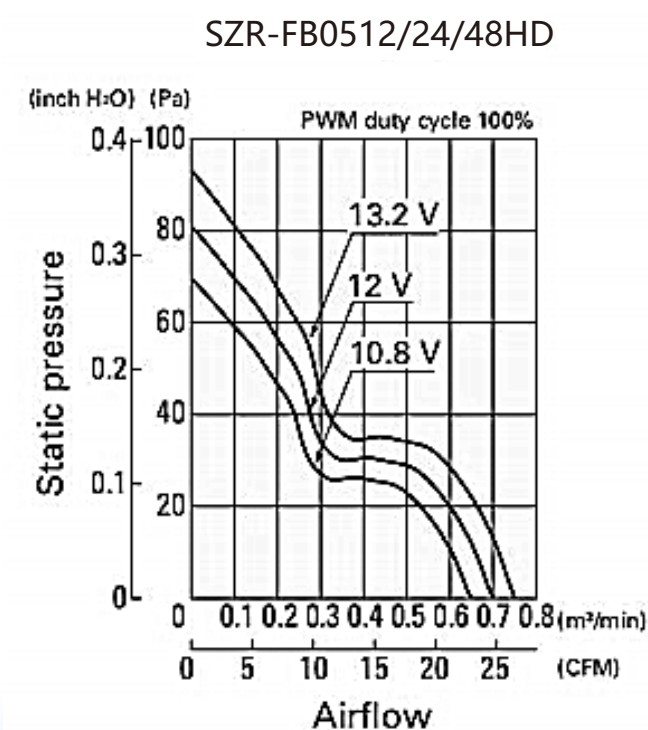
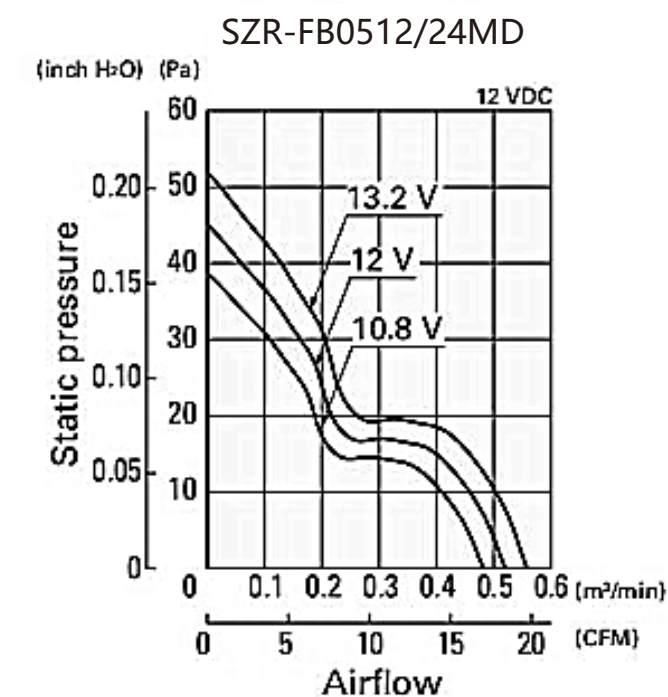
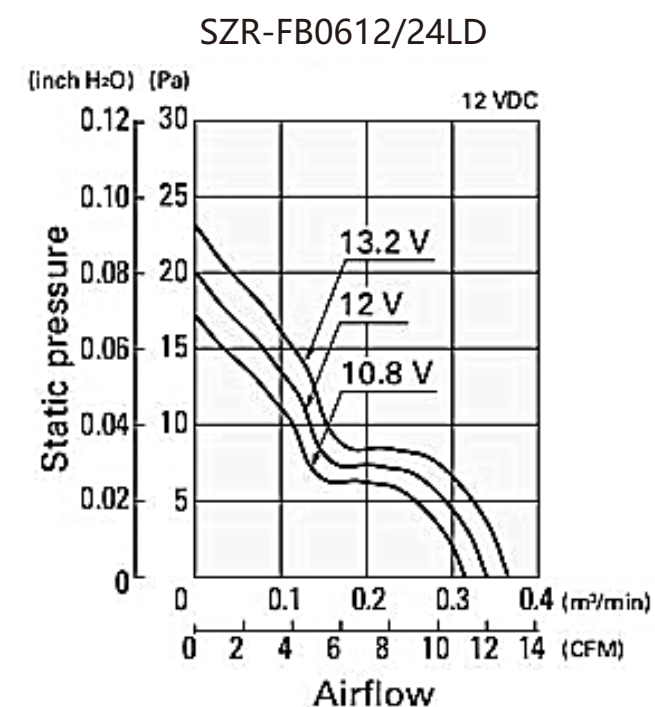
60X 60 X 20mm (Mass:68g)

ModelNo.	Rated Voltage	Operating Voltage	Rated Current	Rated Input	Speed	Maximum Air Flow		Max.StaticPressure		Noise
	VDC	VDC	AMP	Watt	R.P.M	M3/min	CFM	Pa	IN H2O	
SZR-FB0612LD-A	12	7.5~13.2	0.05	0.6	2700	0.34	12.0	20	0.08	18
SZR-FB0612MD-A			0.09	1.08	4100	0.52	18.4	45	0.18	29
SZR-FB0612HD-A			0.15	1.8	5500	0.7	24.7	81	0.33	36
SZR-FB0612HHD-A			0.26	3.12	6850	0.88	31.1	125	0.5	43
SZR-FB0624LD-A	24	14.5~27.5	0.025	0.6	2700	0.34	12.0	20	0.08	18
SZR-FB0624MD-A			0.045	1.08	4100	0.52	18.4	45	0.18	29
SZR-FB0624HD-A			0.075	1.8	5500	0.7	24.7	81	0.33	36
SZR-FB0624HHD-A			0.13	3.12	6850	0.88	31.1	125	0.5	43
SZR-FB0648HD-A	48	36~55.4	0.375	1.8	5500	0.7	24.7	81	0.33	36
SZR-FB0648HHD-A			0.065	3.12	6850	0.88	31.1	125	0.5	43

• Dimensions(unit:mm\inch)



•Air Flow-Static Pressure Characteristics



60mm DC FAN

General Specifications

Material -----Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire-----+ Red - Black (Sensor) Brown (Control) Yellow
25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30°C ~ +70°C (Non-comdensing)
Bearing Type----- Ball Bearing/Sleeve Bearing
Speed Range----- ±10%
Part Numbering System
SZR-FB0612HH-A- B R 1

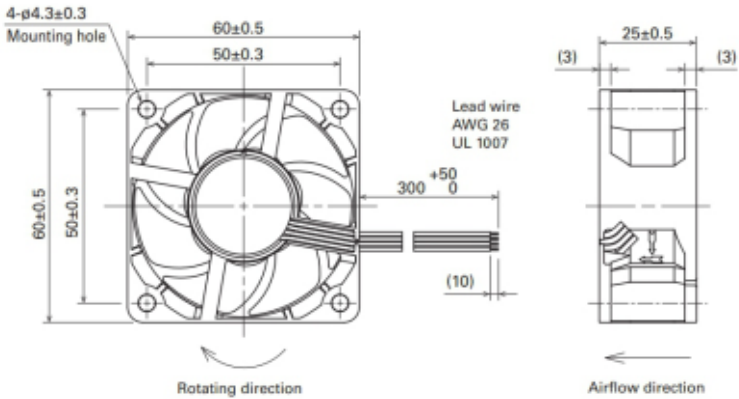
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing



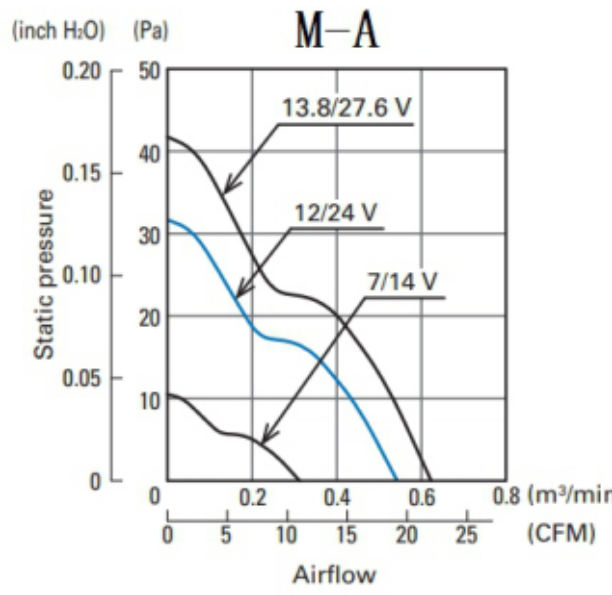
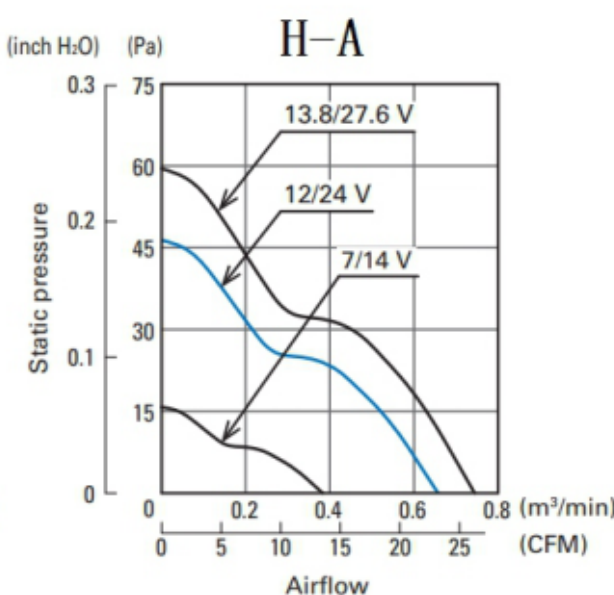
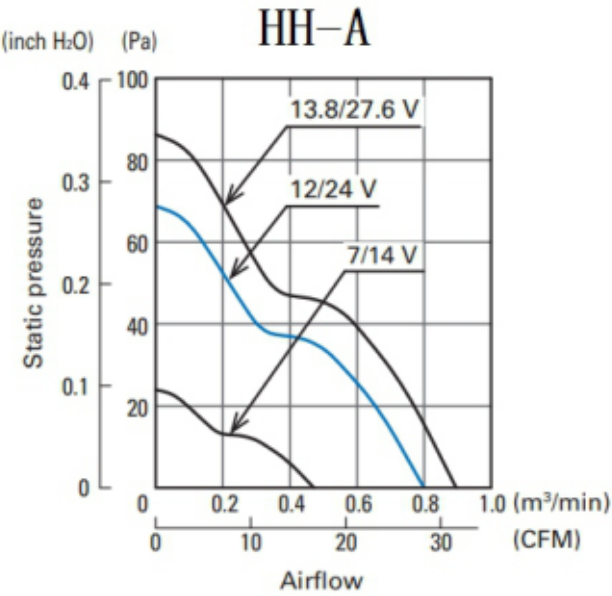
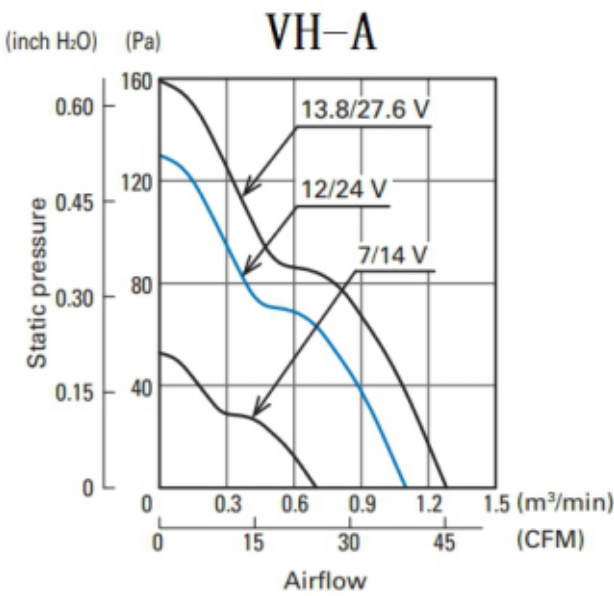
60 X 60 X 25mm (Mass:65g)

ModelNo.	Rated Voltage	Operating Voltage	Rated Current	Rated Input	Speed	Maximum Air Flow		Max.StaticPressure		Noise
	VDC	VDC	AMP	Watt	R.P.M	M3/min	CFM	MmH2O	IN H2O	dB-A
SZR-FB0612L-A	12	7.5~13.2	0.04	0.5	1900	0.27	9.5	0.76	0.03	16
SZR-FB0612M-A			0.07	0.84	3800	0.54	19.1	3.3	0.13	26
SZR-FB0612H-A			0.1	1.2	4600	0.662	23.35	4.57	0.18	30
SZR-FB0612HH-A			0.15	1.8	5600	0.780	27.55	7.11	0.28	36
SZR-FB0612VH-A			0.35	4.2	7700	0.863	30.48	13.2	0.52	41
SZR-FB0624L-A	24	14.5~27.5	0.02	0.48	1900	0.27	9.5	0.76	0.03	16
SZR-FB0624M-A			0.035	0.84	3800	0.54	19.1	3.3	0.13	26
SZR-FB0624H-A			0.5	1.2	4600	0.662	23.35	4.57	0.18	30
SZR-FB0624HH-A			0.075	1.8	5600	0.780	27.55	7.11	0.28	36
SZR-FB0624VH-A			0.175	4.2	7700	0.863	30.48	13.2	0.52	41

• Dimensions(unit:mm\inch)



•Air Flow-Static Pressure Characteristics



► 60mm DC FAN

General Specifications

Material -----Frame:Plastics (Flammability:UL94V-0)
 Impeller:Plastics (Flammability:UL94V-0)
 Lead Wire-----+ Red - Black (Sensor) Brown (Control) Yellow
 25000 Hours Sleeve bearing
 50000 Hours Ball bearing
 Storage Temperatur--- -30°C ~ +70°C (Non-condensing)
 Bearing Type----- Ball Bearing/Sleeve Bearing
 Speed Range----- ±10%
 Part Numbering System

SZR-FB0612GH-C-

B R 1

Waterproof level:0=no,1=IP55,2=IP68

Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor

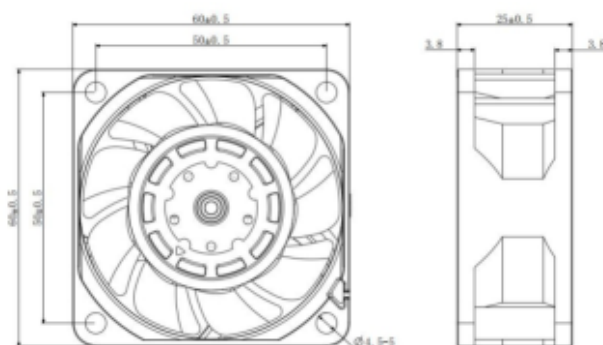
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing



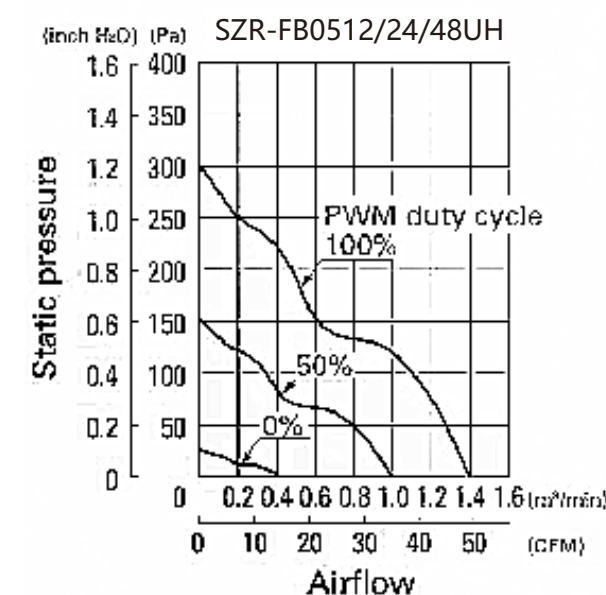
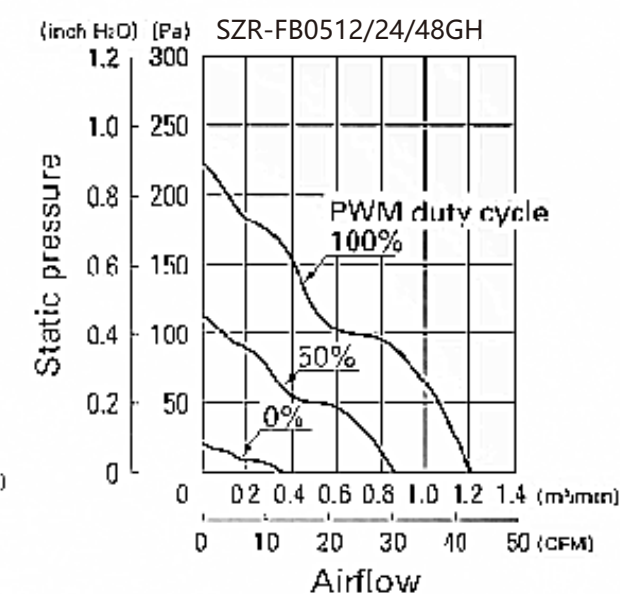
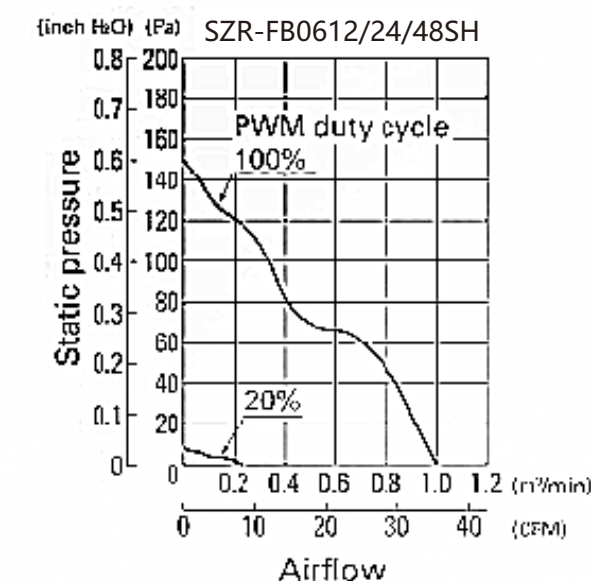
60 X 60 X 25mm (Mass:98g)

ModelNo.	Rated Voltage	Operating Voltage	Rated Current	Rated Input	Speed	Maximum Air Flow		Max.StaticPressure		Noise
	VDC	VDC	AMP	Watt	R.P.M	M3/min	CFM	Pa	IN H2O	
SZR-FB0612SH-C	12	7.5~13.2	0.35	4.2	7800	1.0	35.3	150	0.6	43.5
SZR-FB0612GH-C			0.5	6.0	9500	1.21	42.7	224	0.9	49.5
SZR-FB0612UH-C			0.68	8.16	11000	1.4	49.4	300	1.2	53.5
SZR-FB0612XH-C			1.1	13.2	13800	1.8	63.5	448	1.8	62.5
SZR-FB0612SH-C	24	13.5~26.2	0.175	4.2	7800	1.0	35.3	150	0.6	43.5
SZR-FB0612GH-C			0.25	6.0	9500	1.21	42.7	224	0.9	49.5
SZR-FB0612UH-C			0.34	8.16	11000	1.4	49.4	300	1.2	53.5
SZR-FB0612XH-C			0.55	13.2	13800	1.8	63.5	448	1.8	62.5
SZR-FB0612SH-C	48	36~55.4	0.09	4.32	7800	1.0	35.3	150	0.6	43.5
SZR-FB0612GH-C			0.125	6.0	9500	1.21	42.7	224	0.9	49.5
SZR-FB0612UH-C			0.17	8.16	11000	1.4	49.4	300	1.2	53.5
SZR-FB0612XH-C			0.28	13.4	13800	1.8	63.5	448	1.8	62.5

• Dimensions(unit:mm\inch)



•Air Flow-Static Pressure Characteristics



60mm DC FAN

General Specifications

Material -----Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire-----+ Red - Black (Sensor) Brown (Control) Yellow
25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperat--- -30°C ~ +70°C (Non-comdensing)
Bearing Type----- Ball Bearing
Speed Range----- ±10%
Part Numbering System
SZR-FB0612VHF-A B R 1

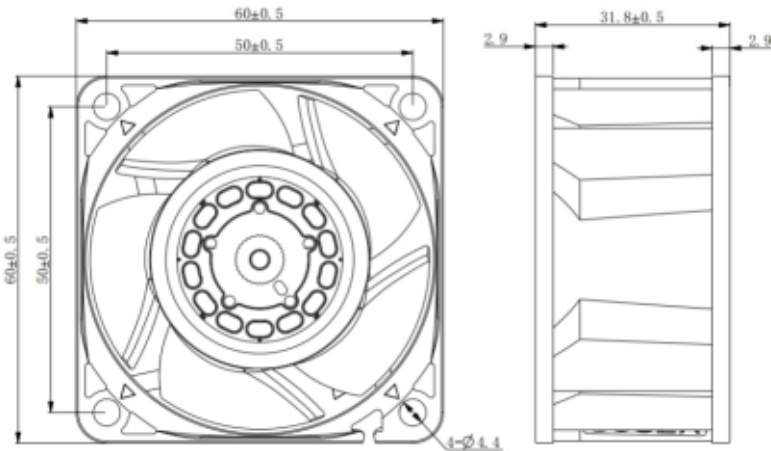
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing



60 X 60 X 32mm (Mass:130g)

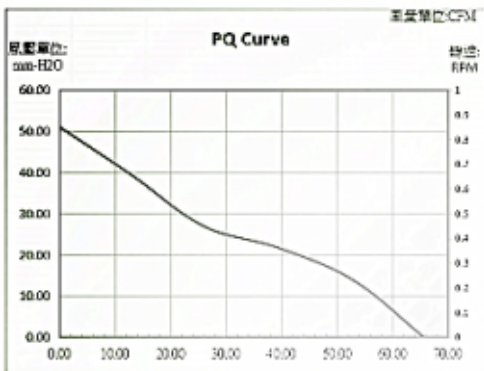
ModelNo.	Rated Voltage	Operating Voltage	Rated Current	Rated Input	Speed	Maximum Air Flow		Max.StaticPressure		Noise
	VDC	VDC	AMP	Watt	R.P.M	M3/min	CFM	MmH2O	IN H2O	
SZR-FB0612LF-A	12	7.5~13.5	0.21	2.6	7000	0.92	32.67	12.67	0.49	45.0
SZR-FB0612MF-A	12		0.29	3.5	8000	1.05	36.99	16.35	0.64	47.0
SZR-FB0612HF-A	12		0.37	4.5	9000	1.16	41.18	20.62	0.81	49.0
SZR-FB0612HHF-A	12		0.5	6.0	10000	1.28	45.37	24.95	0.98	51.0
SZR-FB0612VHF-A	12		0.65	7.8	11000	1.42	50.05	30.17	1.18	53.0
SZR-FB0612SHF-A	12		0.83	10.0	12000	1.54	54.42	35.52	1.39	55.0
SZR-FB0612GHF-A	12	14.5~27.5	1.4	16.8	14500	1.86	65.61	1.45	51.03	61.5
SZR-FB0624LF-A	24		0.11	2.64	7000	0.92	32.67	12.67	0.49	45.0
SZR-FB0624MF-A	24		0.14	3.6	8000	1.05	36.99	16.35	0.64	47.0
SZR-FB0624HF-A	24		0.185	4.56	9000	1.16	41.18	20.62	0.81	49.0
SZR-FB0624HHF-A	24		0.25	6.0	10000	1.28	45.37	24.95	0.98	51.0
SZR-FB0624VHF-A	24		0.33	7.92	11000	1.42	50.05	30.17	1.18	53.0
SZR-FB0624SHF-A	24	36.0~54.5	0.42	10.0	12000	1.54	54.42	35.52	1.39	55.0
SZR-FB0624GHF-A	24		0.7	16.8	14500	1.86	65.61	1.45	51.03	61.5
SZR-FB0648LF-A	48		0.06	2.88	7000	0.92	32.67	12.67	0.49	45.0
SZR-FB0648MF-A	48		0.072	3.45	8000	1.05	36.99	16.35	0.64	47.0
SZR-FB0648HF-A	48		0.095	4.56	9000	1.16	41.18	20.62	0.81	49.0
SZR-FB0648HHF-A	48		0.13	6.24	10000	1.28	45.37	24.95	0.98	51.0
SZR-FB0648VHF-A	48		0.162	7.8	11000	1.42	50.05	30.17	1.18	53.0
SZR-FB0648SHF-A	48	36.0~54.5	0.21	10.0	12000	1.54	54.42	35.52	1.39	55.0
SZR-FB0648GHF-A	48		0.35	16.8	14500	1.86	65.61	1.45	51.03	61.5

Dimensions(unit:mm\inch)

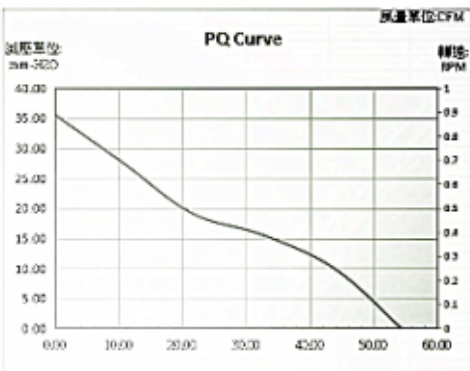


AirFlow-Static Pressure Characteristics

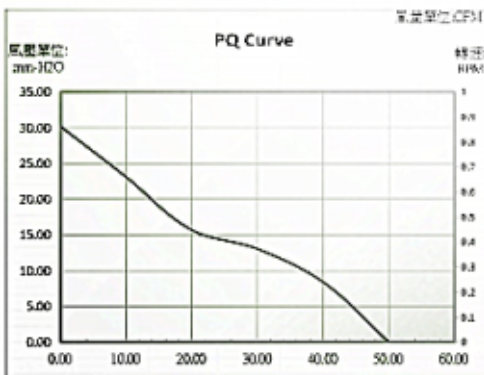
SZR-FB06-12/24/48-GHF



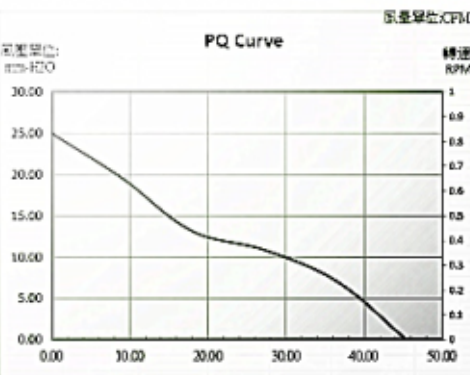
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SZR-FB06-12/24/48-VHF



SZR-FB06-12/24/48-HHF



60mm DC FAN

General Specifications

Material -----Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire-----+ Red - Black (Sensor) Brown (Control) Yellow
25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperat--- -30°C ~ +70°C (Non-comdensing)
Bearing Type----- Ball Bearing
Speed Range----- ±10%
Part Numbering System
SZR-FB0612XHE-A B R 1

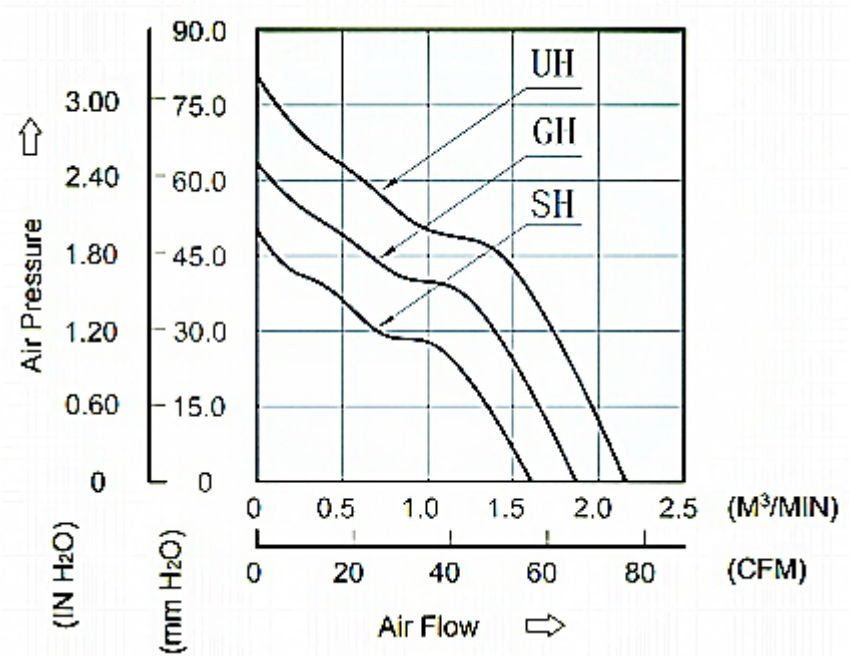
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing



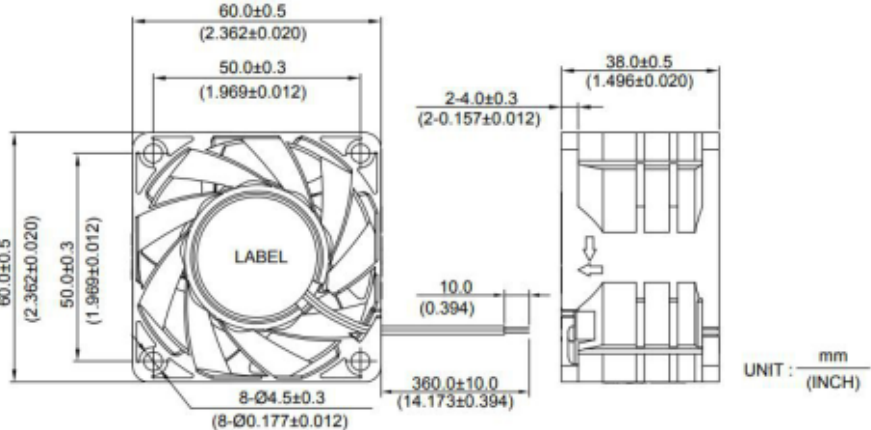
60 X 60 X 38mm (Mass:130g)

ModelNo.	Rated Voltage	Operating Voltage	Rated Current	Rated Input	Speed	Maximum Air Flow		Max.StaticPressure		Noise
	VDC	VDC	AMP	Watt	R.P.M	M3/min	CFM	MmH2O	IN H2O	dB-A
SZR-FB0612SHE-A	12	7.5~13.5	1.0	12.0	12500	1.606	56.27	50.8	1.979	60.0
SZR-FB0612GHE-A	12		1.6	19.2	14500	1.868	65.95	63.56	2.502	63.5
SZR-FB0612UHE-A	12		2.3	27.6	16500	2.16	76.16	80.90	1.979	67.5
SZR-FB0624SHE-A	24	14.5~27.5	0.5	12.0	12500	1.606	56.27	50.8	1.979	60.0
SZR-FB0624GHE-A	24		0.8	19.2	14500	1.868	65.95	63.56	2.502	63.5
SZR-FB0624UHE-A	24		1.15	27.6	16500	2.16	76.16	80.90	1.979	67.5
SZR-FB0648SHE-A	48	36.0~54.5	0.25	12.0	12500	1.606	56.27	50.8	1.979	60.0
SZR-FB0648GHE-A	48		0.4	19.2	14500	1.868	65.95	63.56	2.502	63.5
SZR-FB0648UHE-A	48		0.58	27.84	16500	2.16	76.16	80.90	1.979	67.5

•Air Flow-Static Pressure Characteristics



• Dimensions(unit:mm\inch)



60mm DC FAN

General Specifications

Material -----Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire-----+ Red - Black (Sensor) Brown (Control) Yellow
25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperat--- -30℃ ~ +70℃ (Non-comdensing)
Bearing Type----- Ball Bearing
Speed Range----- ±10%
Part Numbering System
SZR-FB0612XHE-B B R 1

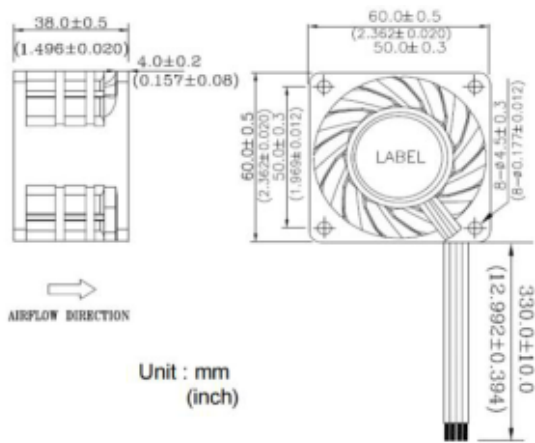
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing



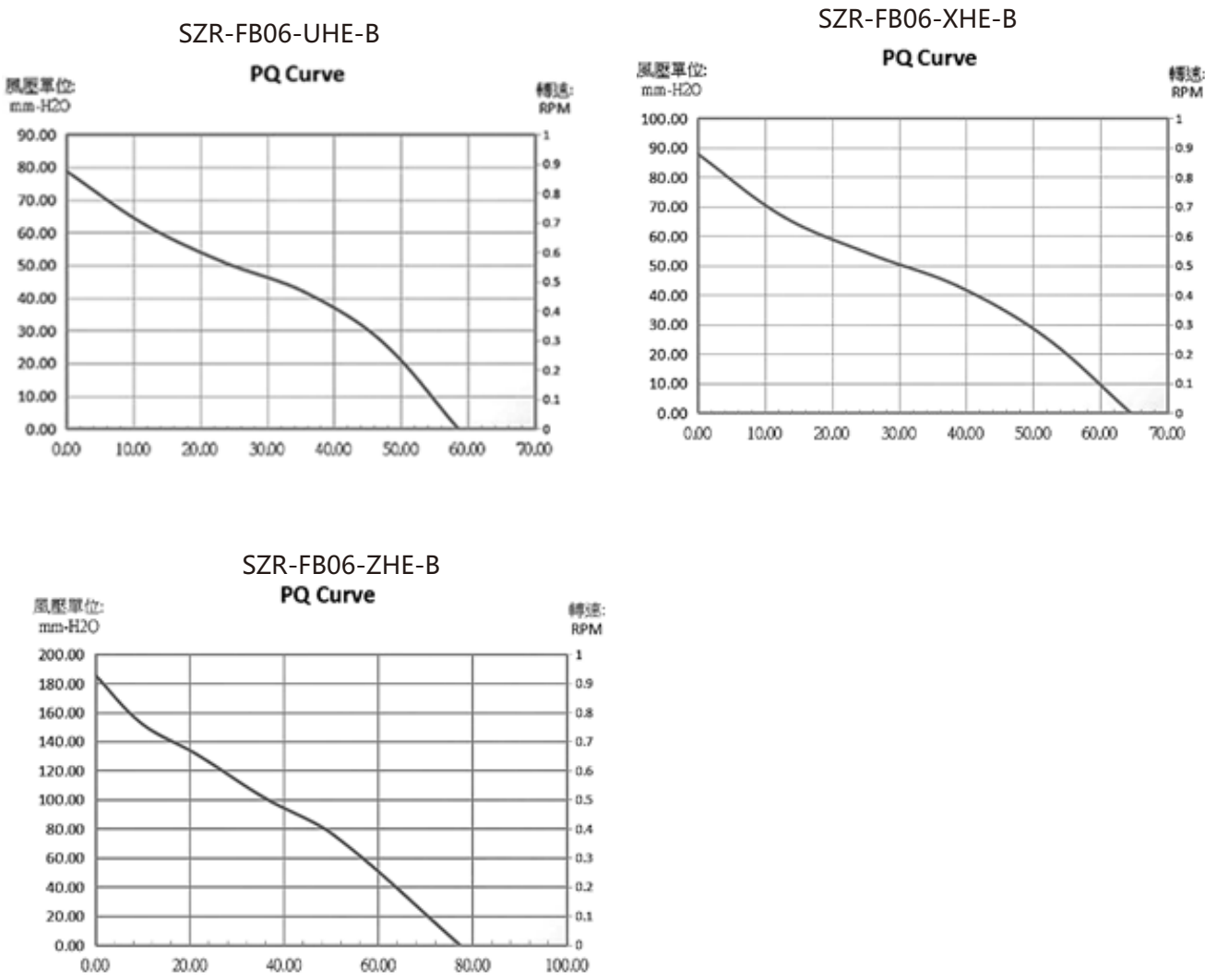
60 X 60 X 38mm (Mass180g)

ModelNo.	Rated Voltage	Operating Voltage	Rated Current	Rated Input	Speed	Maximum Air Flow		Max.StaticPressure		Noise
	VDC	VDC	AMP	Watt	R.P.M	M3/min	CFM	MmH2O	IN H2O	dB-A
SZR-FB0612UHE-B	12	7.5~13.5	1.75	21.0	18000	1.664	58.6	78.7	3.09	60.0
SZR-FB0612XHE-B	12		2.1	25.2	20000	1.834	64.57	88.51	3.49	63.5
SZR-FB0612ZHE-B	12		3.5	42.0	25500	2.19	77.31	185.67	7.31	68.5
SZR-FB0624UHE-B	24	14.5~27.5	0.9	21.6	18000	1.606	56.27	50.8	1.979	60.0
SZR-FB0624XHE-B	24		1.05	25.2	21000	1.868	65.95	63.56	2.502	63.5
SZR-FB0624ZHE-B	24		1.75	42.0	25500	2.16	76.16	80.90	1.979	67.5
SZR-FB0648UHE-B	48	36.0~54.5	0.45	21.6	18000	1.606	56.27	50.8	1.979	60.0
SZR-FB0648XHE-B	48		0.53	25.4	21000	1.868	65.95	63.56	2.502	63.5
SZR-FB0648ZHE-B	48		0.45	42.0	25500	2.16	76.16	80.90	1.979	67.5

Dimensions(unit:mm\inch)



Air Flow-Static Pressure Characteristics



▶ 70mm DC FAN

General Specifications

Material -----Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire-----+ Red - Black (Sensor) Brown (Control) Yellow
25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperat--- -30°C ~ +70°C (Non-comdensing)
Bearing Type----- Ball Bearing/Sleeve Bearing
Speed Range----- ±10%
Part Numbering System
SZR-FB0712LB- B R 1

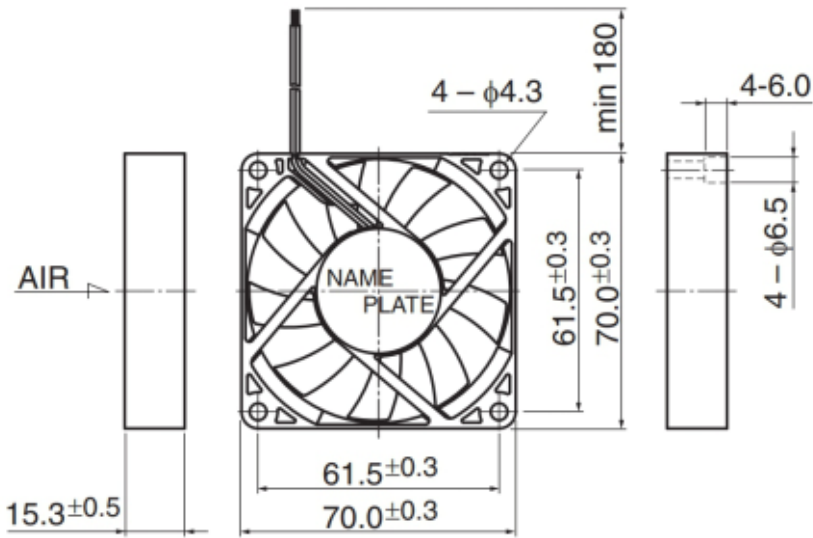
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

70 X 70 X 15mm (Mass:55g)

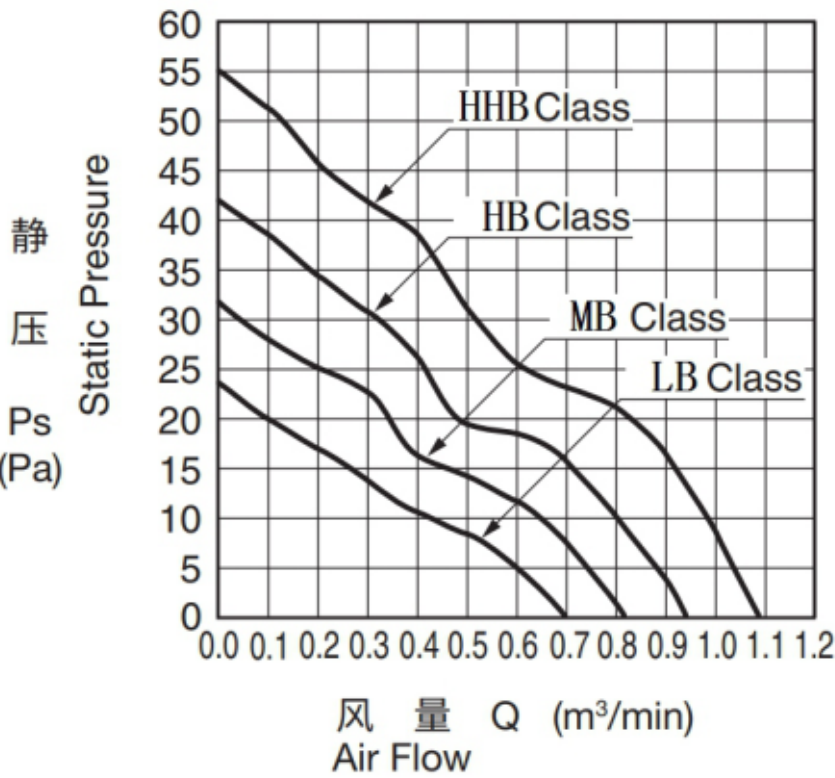
ModelNo.	Rated Voltage	Operating Voltage	Rated Current	Rated Input	Speed	Maximum Air Flow		Max.StaticPressure		Noise
	VDC	VDC	AMP	Watt	R.P.M	M3/min	CFM	MmH2O	IN H2O	dB-A
SZR-FB0705LB-A	5	4.5~5.5	0.31	1.55	2900	0.7	24.7	2.286	0.09	26.5
SZR-FB0705MB-A			0.5	2.5	3400	0.82	29.0	3.3	0.13	30.5
SZR-FB0705HB-A			0.62	3.1	3900	0.95	33.5	4.32	0.17	34.5
SZR-FB0705HHB-A			0.72	3.6	4400	1.08	38.1	5.59	0.22	39.0
SZR-FB0712LB-A	12	7.5~13.2	0.13	1.56	2900	0.7	24.7	2.286	0.09	26.5
SZR-FB0712MB-A			0.21	2.5	3400	0.82	29.0	3.3	0.13	30.5
SZR-FB0712HB-A			0.26	3.12	3900	0.95	33.5	4.32	0.17	34.5
SZR-FB0712HHB-A			0.3	3.6	4400	1.08	38.1	5.59	0.22	39.0
SZR-FB0724LB-A	24	14.5~27.5	0.065	1.56	2900	0.7	24.7	2.286	0.09	26.5
SZR-FB0724MB-A			0.1	2.4	3400	0.82	29.0	3.3	0.13	30.5
SZR-FB0724HB-A			0.13	3.12	3900	0.95	33.5	4.32	0.17	34.5
SZR-FB0724HHB-A			0.15	3.6	4400	1.08	38.1	5.59	0.22	39.0



• Dimensions(unit:mm\inch)



•Air Flow-Static Pressure Characteristics



80mm DC FAN

General Specifications

Material -----Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire-----+ Red - Black (Sensor) Brown (Control) Yellow
UL 1007 AWG#26 OR Equivalent

Storage Temperatur--- -30°C ~ +70°C (Non-condensing)

Bearing Type----- Ball Bearing/Sleeve Bearing

Speed Range----- ±10%

Part Numbering System

SZR-FB0812MB-A B R 1

Waterproof level:0=no,1=IP55,2=IP68

Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor

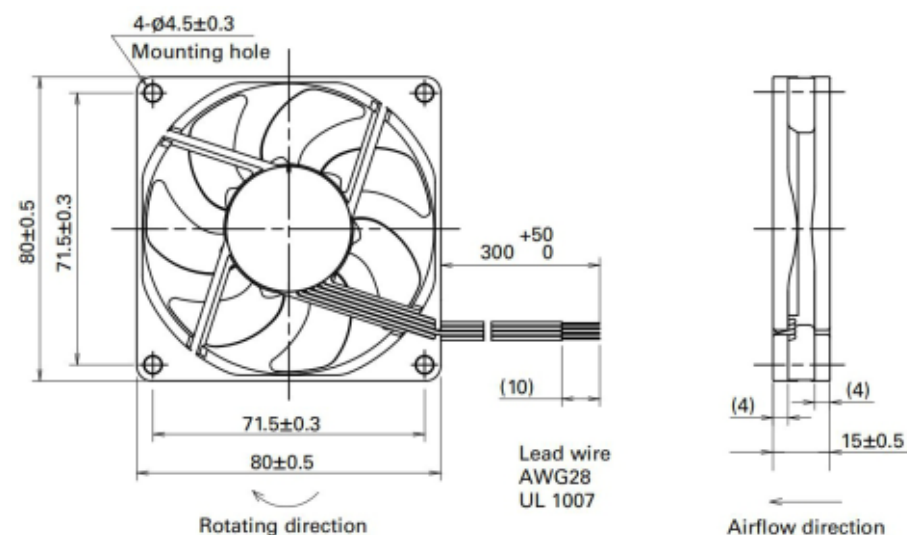
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing



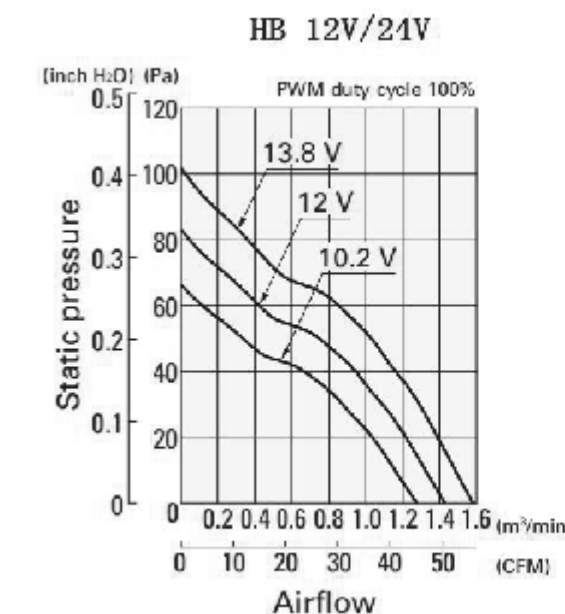
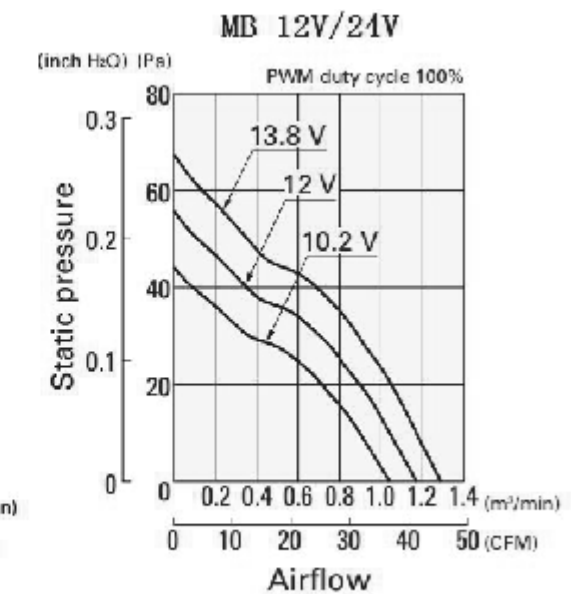
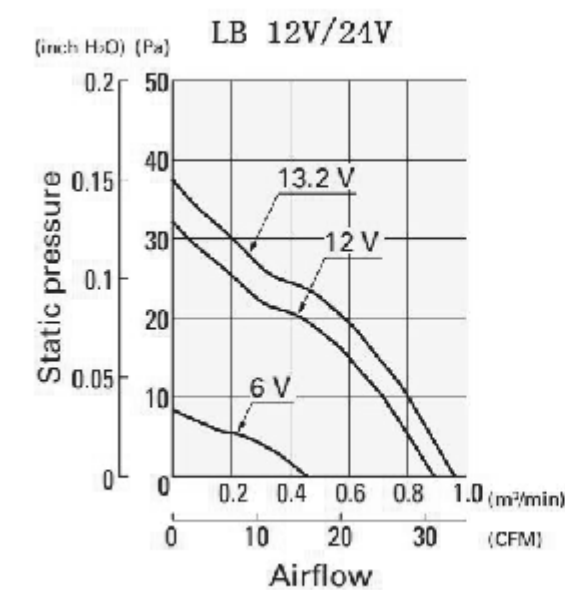
80 X 80 X 15mm (Mass:60g)

ModelNo.	Rated Voltage	Operating Voltage	Rated Current	Rated Input	Speed	Maximum Air Flow		Max.StaticPressure		Noise
	VDC	VDC	AMP	Watt	R.P.M	M3/min	CFM	Pa	IN H2O	dB-A
SZR-FB0812LB-A	12	7.5~13.2	0.09	1.08	3800	0.89	31.4	32.6	0.13	29
SZR-FB0812MB-A			0.17	2.04	5000	1.18	41.7	56.4	0.23	37
SZR-FB0812HB-A			0.29	3.48	6100	1.44	50.9	84.0	0.34	41
SZR-FB0824LB-A	24	14~26.2	0.45	1.08	3800	0.89	31.4	32.6	0.13	29
SZR-FB0824MB-A			0.09	2.16	5000	1.18	41.7	56.4	0.23	37
SZR-FB0824HB-A			0.15	3.60	6100	1.44	50.9	84.0	0.34	41

• Dimensions(unit:mm\inch)



•Air Flow-Static Pressure Characteristics



► 80mm DC FAN

General Specifications

Material -----Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire-----+ Red - Black (Sensor) Brown (Control) Yellow
UL 1007 AWG#26 OR Equivalent

Storage Temperatur--- -30°C ~ +70°C (Non-comdensing)

Bearing Type----- Ball Bearing/Sleeve Bearing

Speed Range----- ±10%

Part Numbering System

SZR-FB0812MD-A B R 1

Waterproof level:0=no,1=IP55,2=IP68

Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor

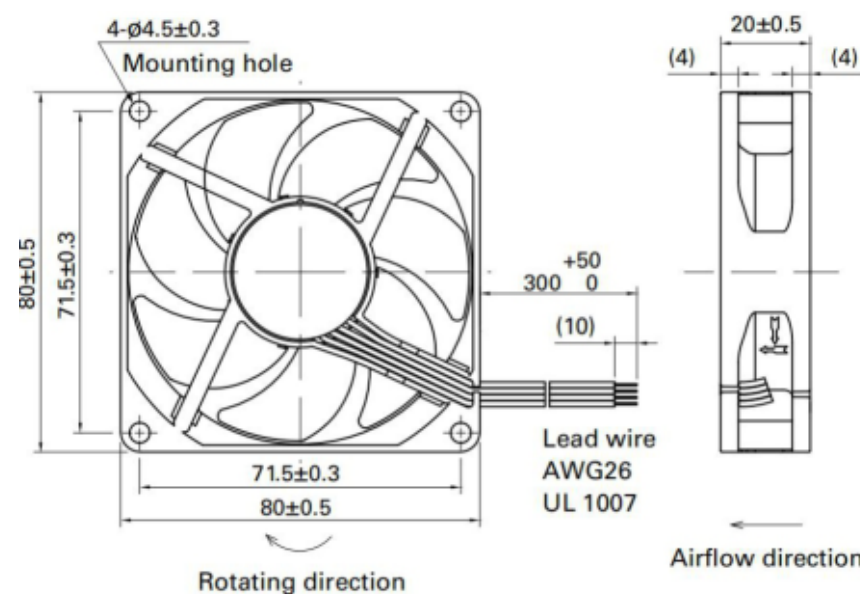
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing



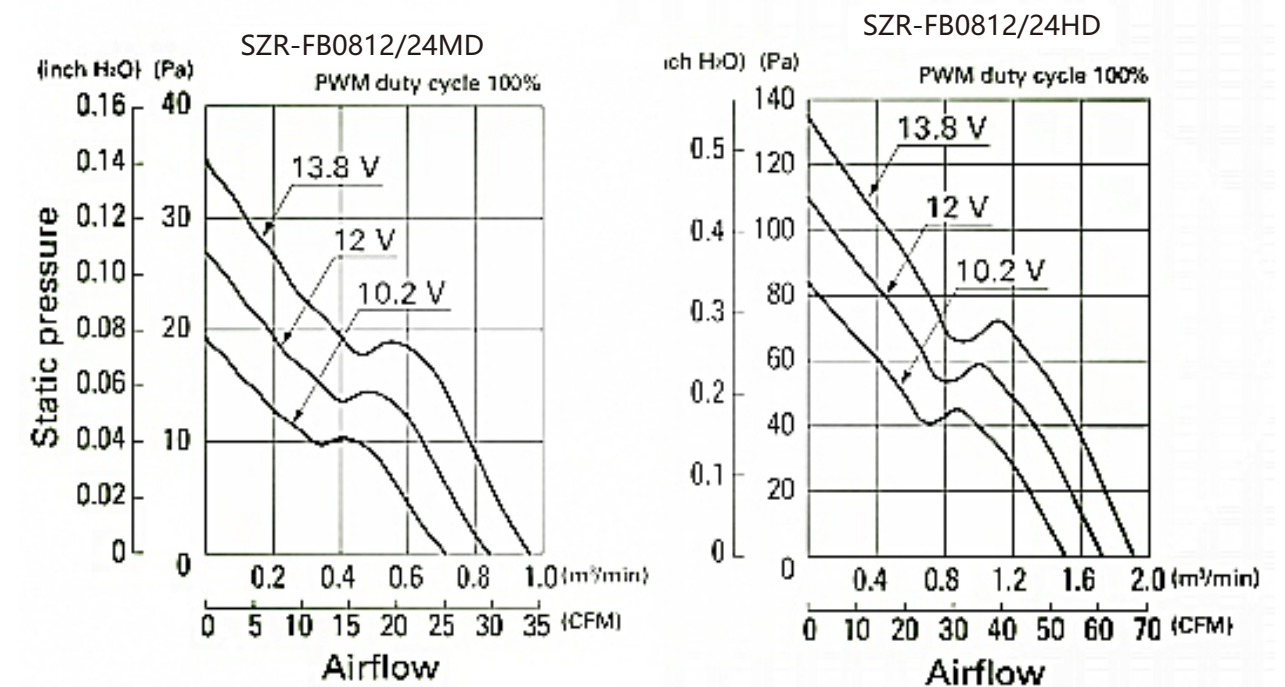
80 X 80 X 20mm (Mass:78g)

ModelNo.	Rated Voltage	Operating Voltage	Rated Current	Rated Input	Speed	Maximum Air Flow		Max.StaticPressure		Noise
	VDC	VDC	AMP	Watt	R.P.M	M3/min	CFM	Pa	IN H2O	
SZR-FB0812MD-A	12	7.5~13.2	0.06	0.72	2900	0.84	29.68	27	0.11	26.5
SZR-FB0812HD-A			0.3	3.6	5850	1.72	60.78	110	0.44	45.0
SZR-FB0824MD-A	24	14~26.2	0.06	0.72	2900	0.84	29.68	27	0.11	26.5
SZR-FB0824HD-A			0.3	3.6	5850	1.72	60.78	110	0.44	45.0

• Dimensions(unit:mm\inch)



•Air Flow-Static Pressure Characteristics



80mm DC FAN

General Specifications

Material -----Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire-----+ Red - Black (Sensor) Brown (Control) Yellow
25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30°C ~ +70°C (Non-comdensing)
Bearing Type----- Ball Bearing/Sleeve Bearing
Speed Range----- ±10%
Part Numbering System
SZR-FB0812HH-B R 1

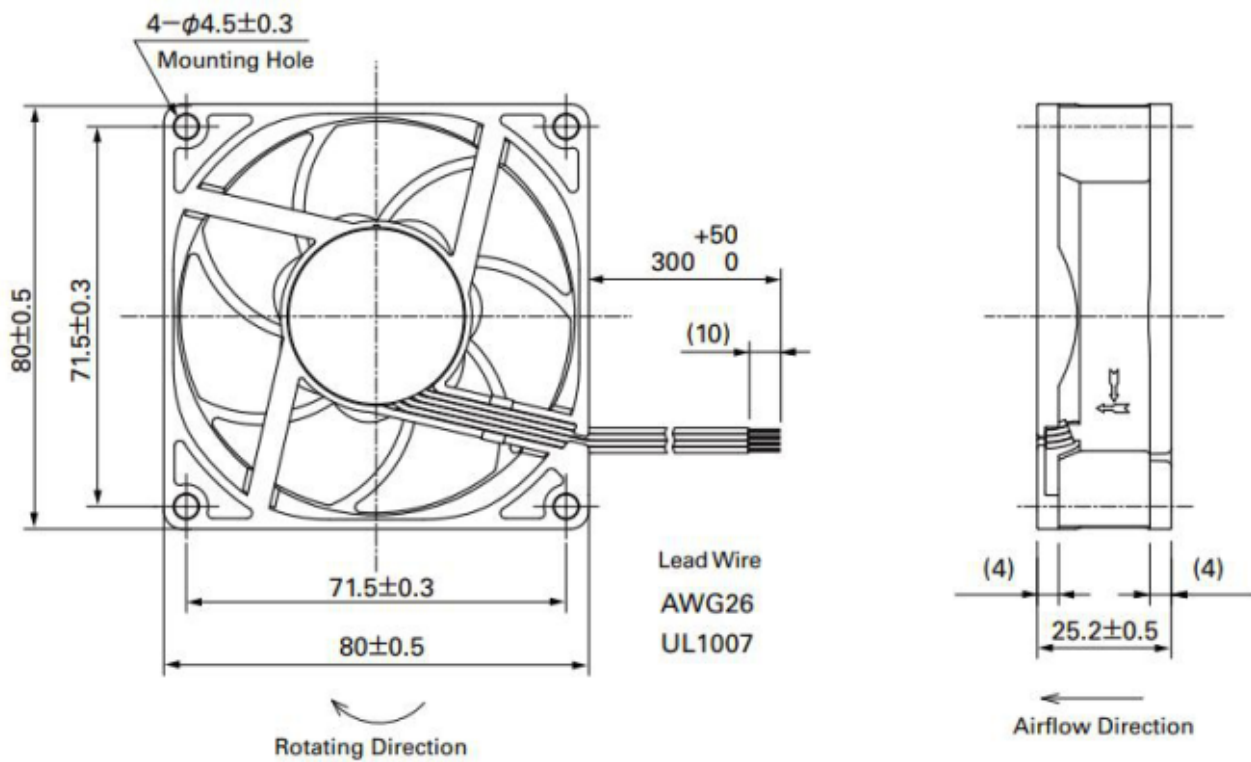
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing



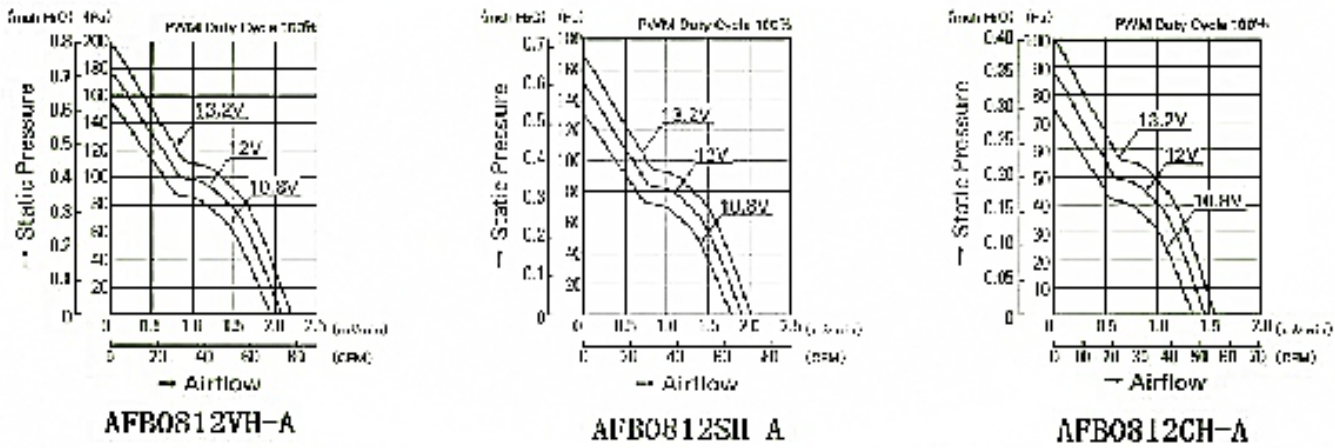
80 X 80 X 25mm (Mass:110g)

ModelNo.	Rated Voltage	Operating Voltage	Rated Current	Rated Input	Speed	Maximum Air Flow		Max.StaticPressure		Noise
	VDC	VDC	AMP	Watt	R.P.M	M3/min	CFM	Pa	IN H2O	dB-A
SZR-FB0812L-A	12	7.5~13.2	0.06	0.72	1500	0.42	14.8	7.2	0.02	17
SZR-FB0812M-A			0.08	0.96	2100	0.58	20.4	14.3	0.05	19
SZR-FB0812H-A			0.12	1.44	2800	0.78	27.5	25.4	0.1	23
SZR-FB0812VH-A			0.22	2.64	5200	1.46	51.5	87.7	0.35	38
SZR-FB0812SH-A			0.48	5.76	6800	1.91	67.4	150	0.6	45
SZR-FB0812GH-A	24	14.5~27.5	0.6	7.2	7400	2.07	73	177.6	0.7	48
SZR-FB0824L-A			0.02	0.48	1500	0.42	14.8	7.2	0.02	17
SZR-FB0824M-A			0.04	0.96	2100	0.58	20.4	14.3	0.05	19
SZR-FB0824H-A			0.6	1.44	2800	0.78	27.5	25.4	0.1	23
SZR-FB0824VH-A			0.1	2.4	5200	1.46	51.5	87.7	0.35	38
SZR-FB0824SH-A	48	29.0~55.0	0.21	5.046	6800	1.91	67.4	150	0.6	45
SZR-FB0824GH-A			0.28	6.72	7400	2.07	73	177.6	0.7	48
SZR-FB0848VH-A			0.005	2.4	5200	1.46	51.5	87.7	0.35	38
SZR-FB0848SH-A			0.11	5.28	6800	1.91	67.4	150	0.6	45
SZR-FB0848GH-A			0.14	6.72	7400	2.07	73	177.6	0.7	48

• Dimensions(unit:mm\inch)



• Air Flow,Static Pressure Characteristics



80mm DC FAN

General Specifications

Material -----Frame:Plastics (Flammability:UL94V-0)
 Impeller:Plastics (Flammability:UL94V-0)
 Lead Wire-----+ Red - Black (Sensor) Brown (Control) Yellow
 25000 Hours Sleeve bearing
 50000 Hours Ball bearing

Storage Temperatur--- -30°C ~ +70°C (Non-condensing)

Bearing Type----- Ball Bearing

Speed Range----- ±10%

Part Numbering System

SZR-FB0812SHF-A B R 1

Waterproof level:0=no,1=IP55,2=IP68

Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor

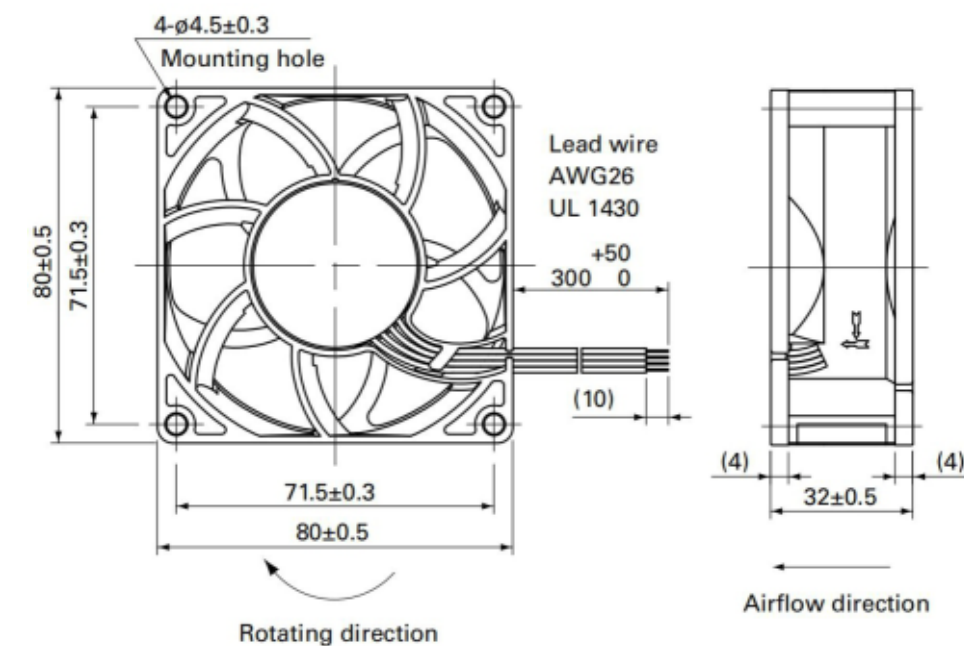
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing



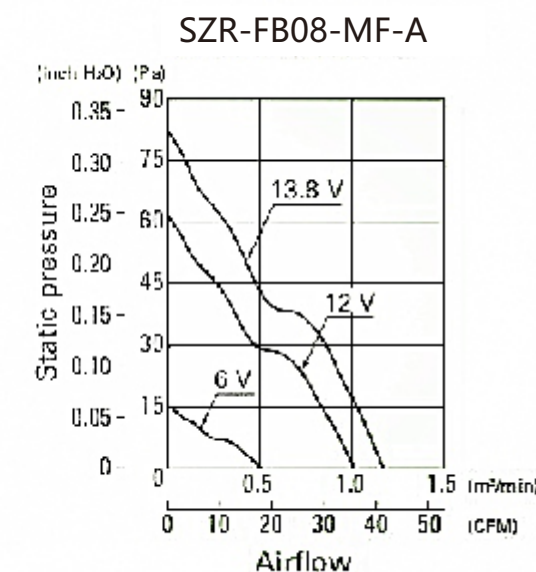
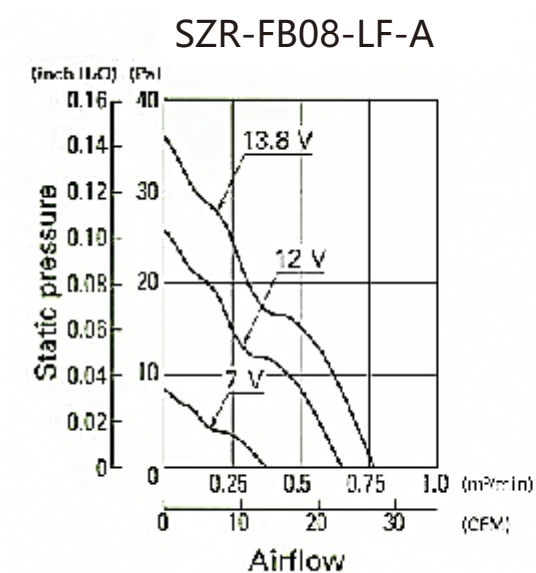
80 X 80 X 32mm (Mass:125g)

ModelNo.	Rated Voltage	Operating Voltage	Rated Current	Rated Input	Speed	Maximum Air Flow		Max.StaticPressure		Noise
	VDC	VDC	AMP	Watt	R.P.M	M3/min	CFM	Pa	IN H2O	dB-A
SZR-FB0812LF-A	12	7.2-13.2	0.08	0.96	2600	0.66	23.3	26	0.1	21
SZR-FB0812MF-A			0.13	1.56	4000	1.01	35.7	61.2	0.25	33
SZR-FB0812HF-A			0.31	3.72	6000	1.51	53.4	137.7	0.55	44
SZR-FB0812HHF-A			0.35	4.2	6700	1.69	59.6	171	0.68	47
SZR-FB0812VHF-A			0.59	7.08	8700	2.2	77.7	294	1.18	54
SZR-FB0812SHF-A			0.83	9.96	9700	2.45	86.5	360	1.45	57
SZR-FB0824LF-A	24	14.5~27.0	0.04	0.96	2600	0.66	23.3	26	0.1	21
SZR-FB0824MF-A			0.065	1.56	4000	1.01	35.7	61.2	0.25	33
SZR-FB0824HF-A			0.155	3.72	6000	1.51	53.4	137.7	0.55	44
SZR-FB0824HHF-A			0.175	4.2	6700	1.69	59.6	171	0.68	47
SZR-FB0824VHF-A			0.295	7.08	8700	2.2	77.7	294	1.18	54
SZR-FB0824SHF-A			0.415	9.96	9700	2.45	86.5	360	1.45	57
SZR-FB0848LF-A	48	32.0~55.0	0.02	0.96	2600	0.66	23.3	26	0.1	21
SZR-FB0848MF-A			0.035	1.68	4000	1.01	35.7	61.2	0.25	33
SZR-FB0848HF-A			0.08	3.84	6000	1.51	53.4	137.7	0.55	44
SZR-FB0848HHF-A			0.09	4.32	6700	1.69	59.6	171	0.68	47
SZR-FB0848VHF-A			0.15	7.20	8700	2.2	77.7	294	1.18	54
SZR-FB0848SHF-A			0.21	10.08	9700	2.45	86.5	360	1.45	57

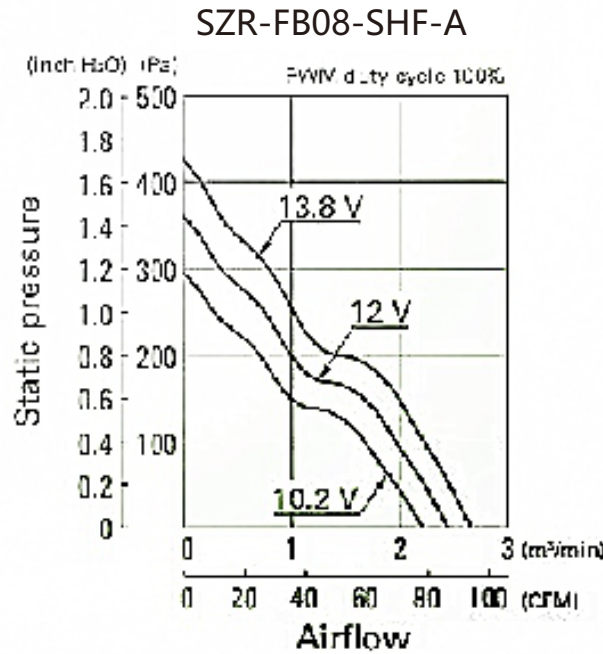
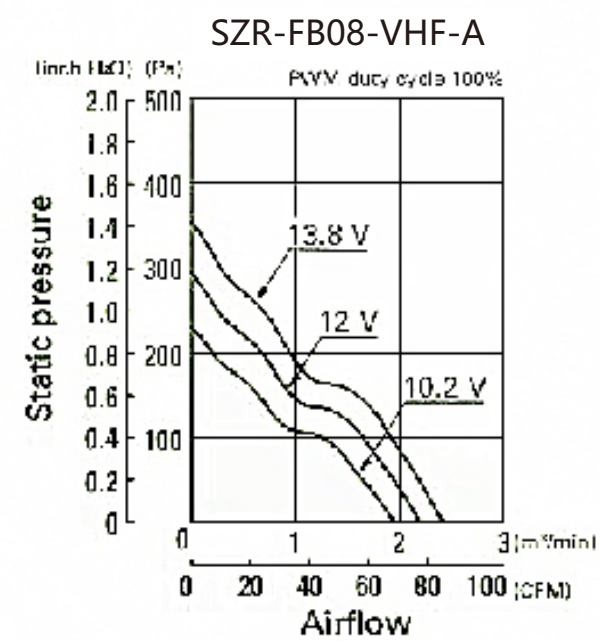
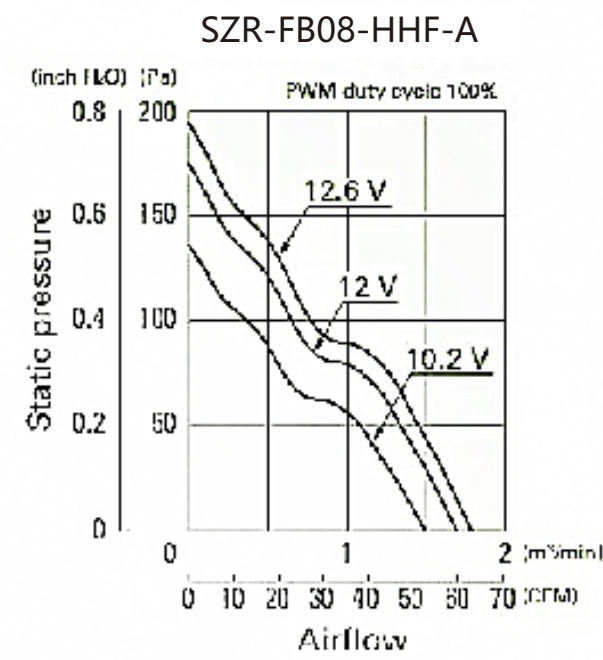
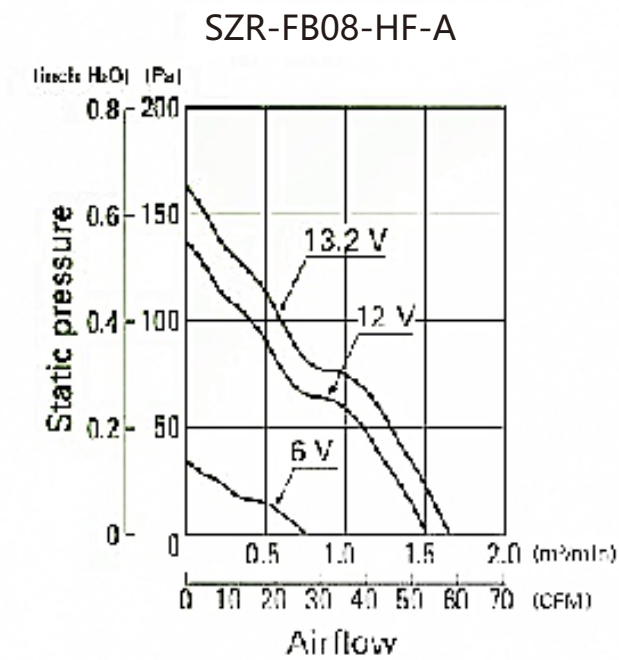
• Dimensions(unit:mm\inch)



• Air Flow-Static Pressure Characteristics



●Air Flow-Static Pressure Characteristics



► 80mm DC FAN

General Specifications

Material -----Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire-----+ Red - Black (Sensor) Brown (Control) Yellow
25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30°C ~ +70°C (Non-comdensing)
Bearing Type----- Ball Bearing
Speed Range----- ±10%
Part Numbering System

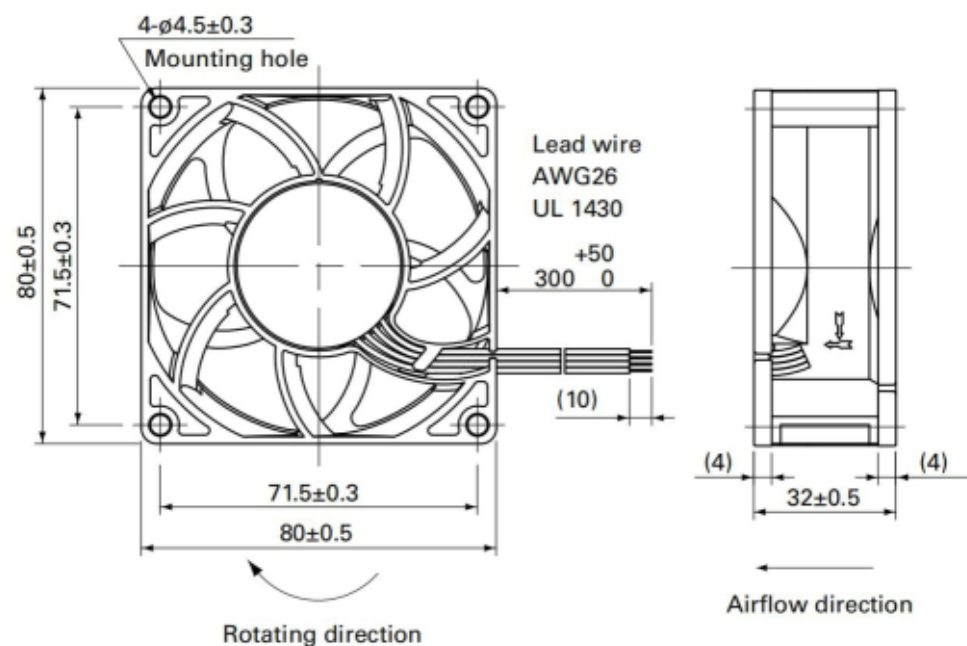


SZR-FB0812SHF-B B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing

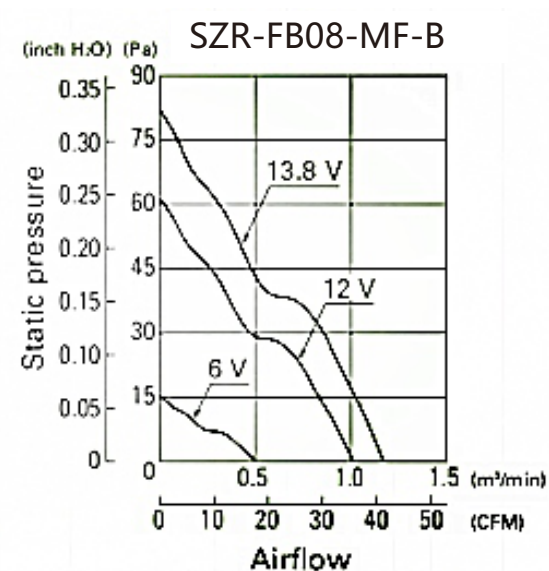
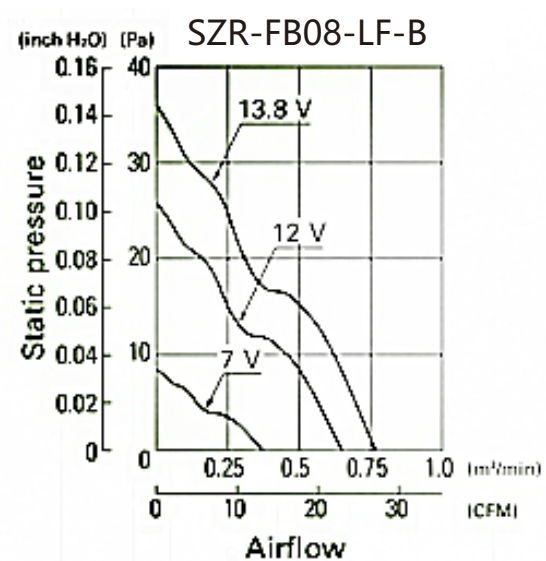
80 X 80 X 32mm (Mass:140g)

ModelNo.	Rated Voltage	Operating Voltage	Rated Current	Rated Input	Speed	Maximum Air Flow		Max.StaticPressure		Noise
	VDC	VDC	AMP	Watt	R.P.M	M3/min	CFM	Pa	INH2O	dB-A
SZR-FB0812LF-B	12	7.2-13.2	0.08	0.96	2600	0.66	23.3	26	0.1	21
SZR-FB0812MF-B			0.13	1.56	4000	1.01	35.7	61.2	0.25	33
SZR-FB0812HF-B			0.31	3.72	6000	1.51	53.4	137.7	0.55	44
SZR-FB0812HHF-B			0.35	4.2	6700	1.69	59.6	171	0.68	47
SZR-FB0812VHF-B			0.59	7.08	8700	2.2	77.7	294	1.18	54
SZR-FB0812SHF-B			0.83	9.96	9700	2.45	86.5	360	1.45	57
SZR-FB0824LF-B	24	14.5~27.0	0.04	0.96	2600	0.66	23.3	26	0.1	21
SZR-FB0824MF-B			0.065	1.56	4000	1.01	35.7	61.2	0.25	33
SZR-FB0824HF-B			0.155	3.72	6000	1.51	53.4	137.7	0.55	44
SZR-FB0824HHF-B			0.175	4.2	6700	1.69	59.6	171	0.68	47
SZR-FB0824VHF-B			0.295	7.08	8700	2.2	77.7	294	1.18	54
SZR-FB0824SHF-B			0.415	9.96	9700	2.45	86.5	360	1.45	57
SZR-FB0848LF-B	48	32.0~55.0	0.02	0.96	2600	0.66	23.3	26	0.1	21
SZR-FB0848MF-B			0.035	1.68	4000	1.01	35.7	61.2	0.25	33
SZR-FB0848HF-B			0.08	3.84	6000	1.51	53.4	137.7	0.55	44
SZR-FB0848HHF-B			0.09	4.32	6700	1.69	59.6	171	0.68	47
SZR-FB0848VHF-B			0.15	7.20	8700	2.2	77.7	294	1.18	54
SZR-FB0848SHF-B			0.21	10.08	9700	2.45	86.5	360	1.45	57

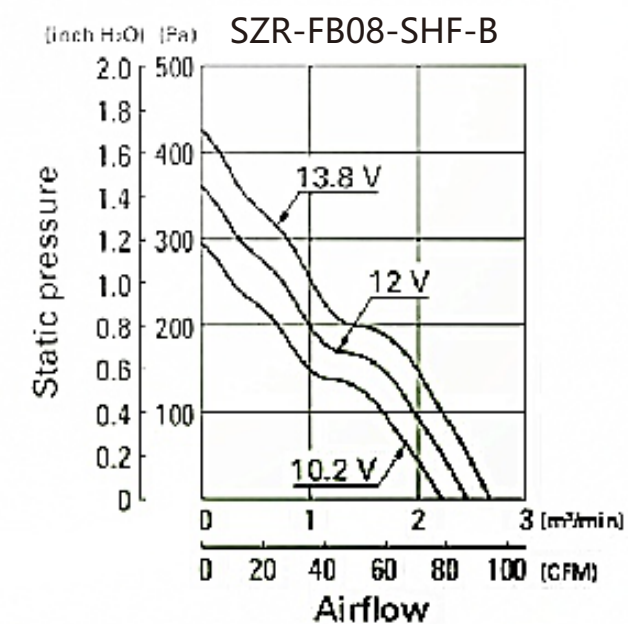
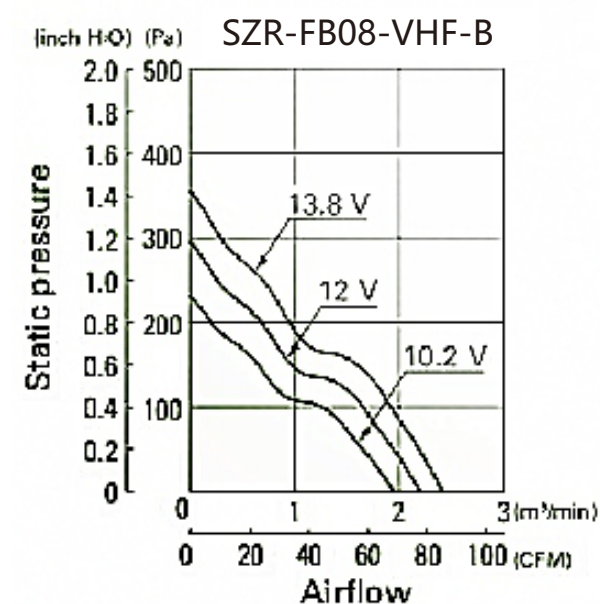
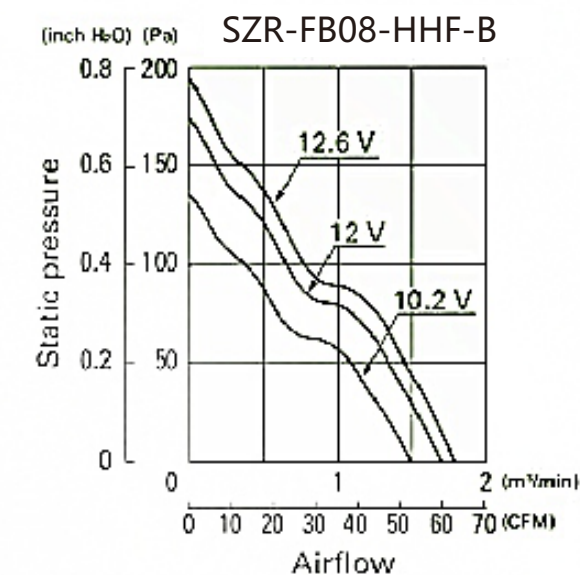
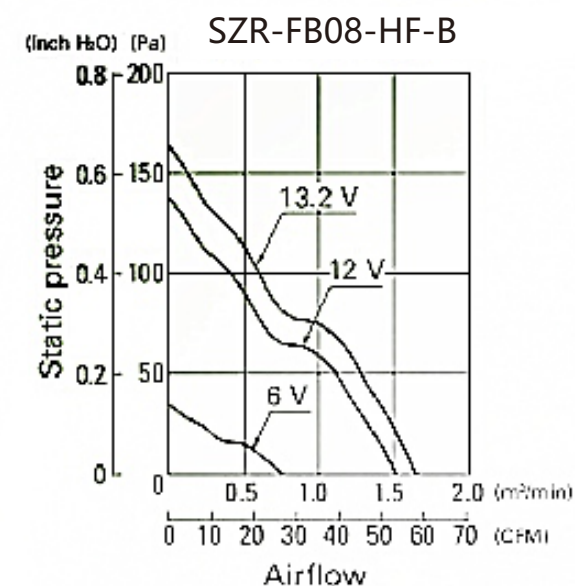
• Dimensions(unit:mm\inch)



• Air Flow-Static Pressure Characteristics



• Air Flow-Static Pressure Characteristics



80mm DC FAN

General Specifications

Material -----Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire-----+ Red - Black (Sensor) Brown (Control) Yellow
25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperat--- -30°C ~ +70°C (Non-comdensing)
Bearing Type----- Ball Bearing
Speed Range----- ±10%
Part Numbering System
SZR-FB0812GHE-A B R 1

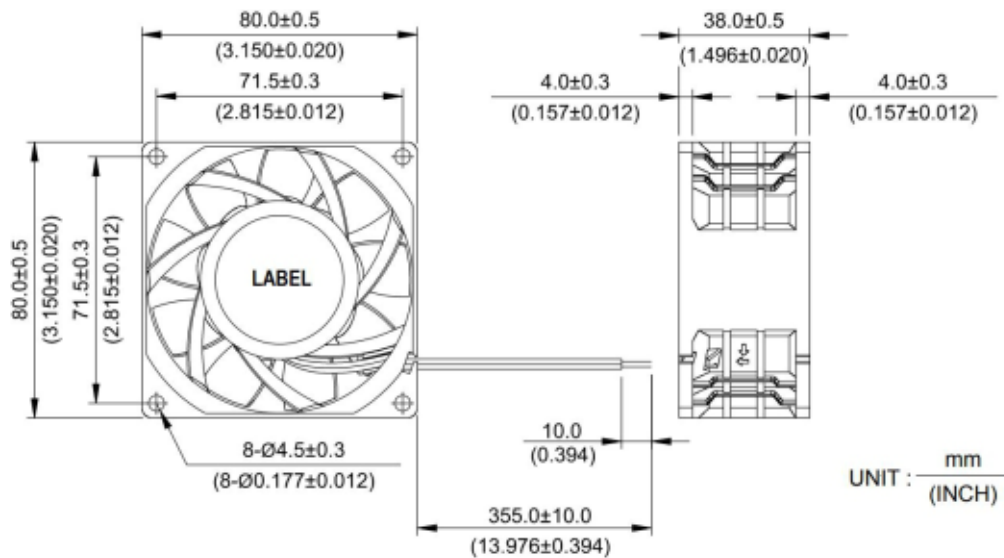
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing



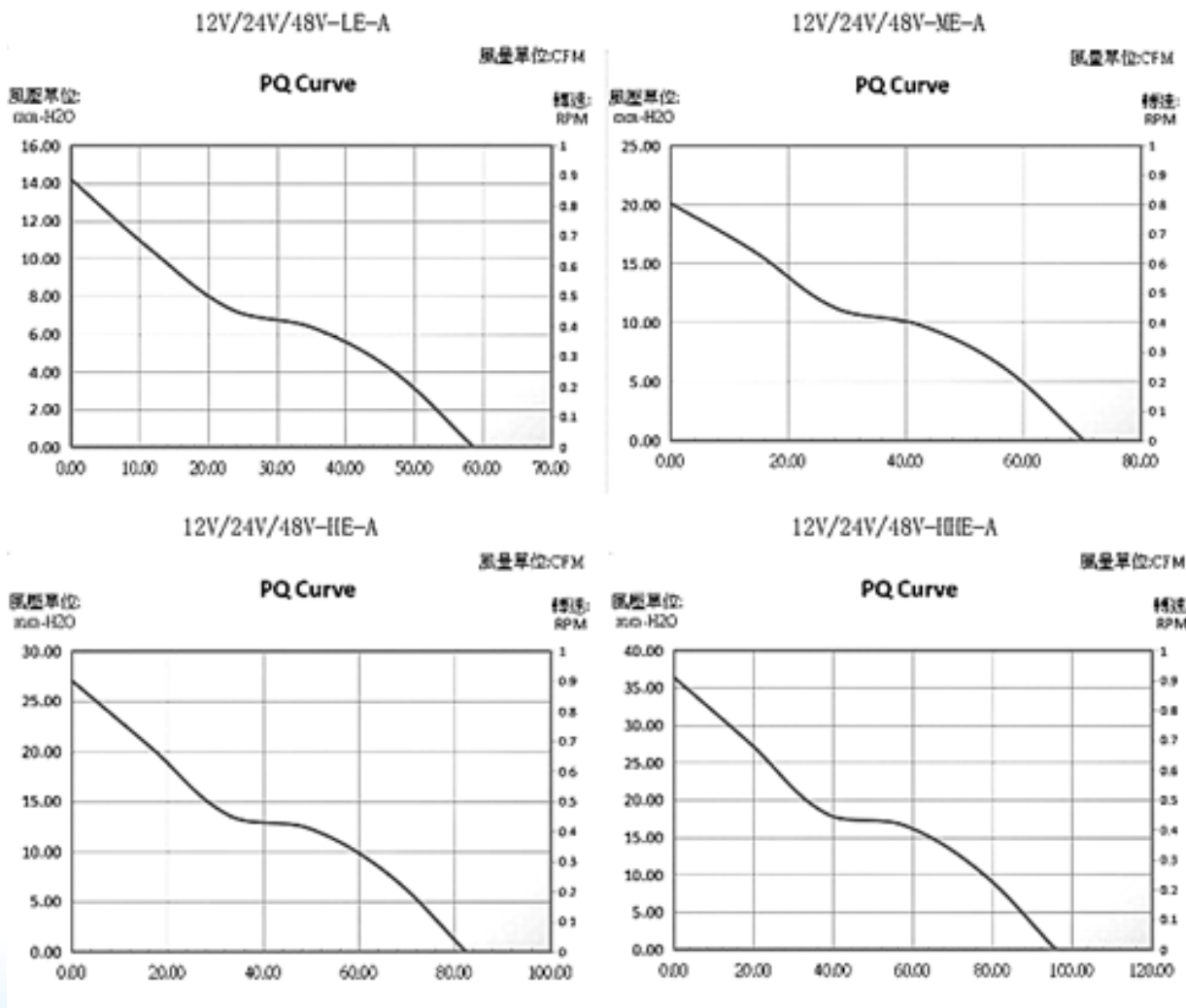
80 X 80 X 38mm (Mass:200g)

ModelNo.	Rated Voltage	Operating Voltage	Rated Current	Rated Input	Speed	Maximum Air Flow		Max.StaticPressure		Noise
	VDC	VDC	AMP	Watt	R.P.M	M3/min	CFM	mmH2O	IN H2O	
SZR-FB0812LE-A	12	7.2~13.2	0.5	6.0	5000	1.67	58.71	14.19	0.559	45.5
SZR-FB0812ME-A			0.65	7.8	6000	1.99	70.39	20.11	0.792	48.5
SZR-FB0812HE-A			0.9	10.8	7000	2.34	82.45	27.03	1.06	51.5
SZR-FB0812HHE-A			1.2	14.4	8000	2.73	95.95	36.39	1.43	54.5
SZR-FB0812VHE-A			1.5	18.0	9000	3.08	108.39	45.77	1.80	57.5
SZR-FB0812SHE-A			1.9	22.8	10000	3.49	122.80	55.65	2.19	60.5
SZR-FB0812GHE-A			2.5	30.0	11000	3.85	135.45	67.55	2.66	63.5
SZR-FB0812DHE-A			3.2	38.4	12500	4.31	151.86	82.52	3.25	66.5
SZR-FB0824LE-A	24	14.5~27.0	0.25	6.0	5000	1.67	58.71	14.19	0.559	45.5
SZR-FB0824ME-A			0.33	7.92	6000	1.99	70.39	20.11	0.792	48.5
SZR-FB0824HE-A			0.45	10.8	7000	2.34	82.45	27.03	1.06	51.5
SZR-FB0824HHE-A			0.6	14.4	8000	2.73	95.95	36.39	1.43	54.5
SZR-FB0824VHE-A			0.75	18.0	9000	3.08	108.39	45.77	1.80	57.5
SZR-FB0824SHE-A			0.95	22.8	10000	3.49	122.80	55.65	2.19	60.5
SZR-FB0824GHE-A			1.25	30.0	11000	3.85	135.45	67.55	2.66	63.5
SZR-FB0824DHE-A			1.6	38.4	12500	4.31	151.86	82.52	3.25	66.5
SZR-FB0848LE-A	48	32.0~55.0	0.125	6.0	5000	1.67	58.71	14.19	0.559	45.5
SZR-FB0848ME-A			0.16	7.68	6000	1.99	70.39	20.11	0.792	48.5
SZR-FB0848HE-A			0.225	10.8	7000	2.34	82.45	27.03	1.06	51.5
SZR-FB0848HHE-A			0.3	14.4	8000	2.73	95.95	36.39	1.43	54.5
SZR-FB0848VHE-A			0.38	18.24	9000	3.08	108.39	45.77	1.80	57.5
SZR-FB0848SHE-A			0.48	23.04	10000	3.49	122.80	55.65	2.19	60.5
SZR-FB0848GHE-A			0.63	30.24	11000	3.85	135.45	67.55	2.66	63.5
SZR-FB0848DHE-A			0.8	38.4	12500	4.31	151.86	82.52	3.25	66.5

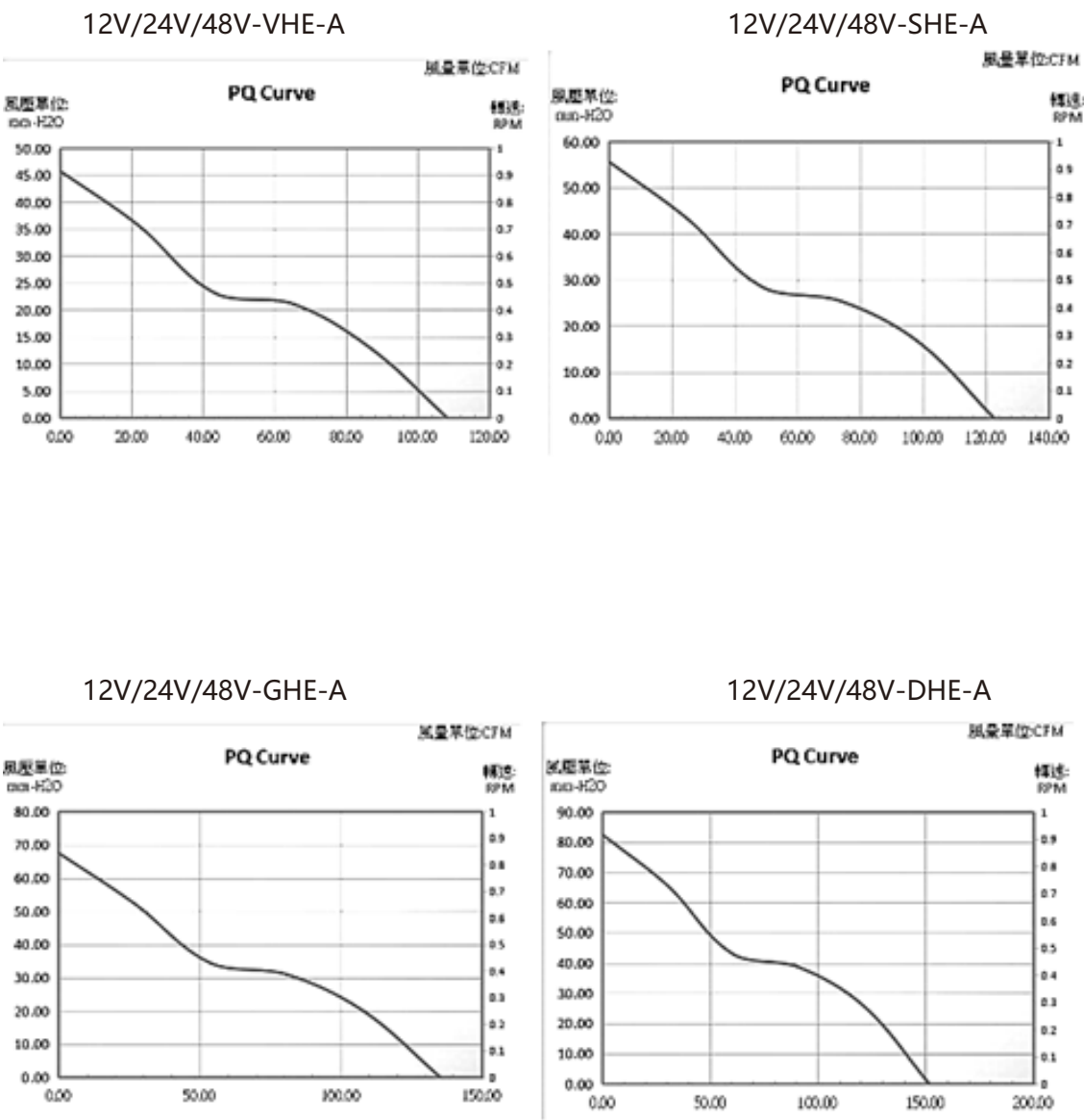
Dimensions(unit:mm\inch)



Air Flow-Static Pressure Characteristics



●Air Flow-Static Pressure Characteristics



► 80mm DC FAN

General Specifications

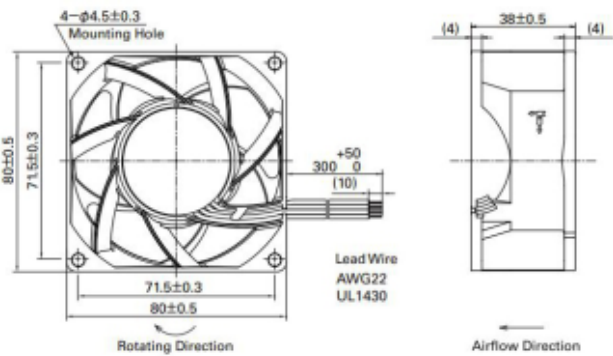
Material -----Frame:Plastics (Flammability:UL94V-0)
Impeller:Plastics (Flammability:UL94V-0)
Lead Wire-----+ Red - Black (Sensor) Brown (Control) Yellow
25000 Hours Sleeve bearing
50000 Hours Ball bearing
Storage Temperatur--- -30°C ~ +70°C (Non-condensing)
Bearing Type----- Ball Bearing
Speed Range----- ±10%
Part Numbering System
SZR-FB0812UHE- B R 1
Waterproof level:0=no,1=IP55,2=IP68
Sensor: 0=no,R=RD sensor ,F=FG sensor ,P=PWM sensor ,T=Temperature sensor
Bearing:S=sleeve bearing,B=ball bearing,Y=superflo bearing,L=long life bearing



80 X 80 X 38mm (Mass:220g)

ModelNo.	Rated Voltage	Operating Voltage	Rated Current	Rated Input	Speed	Maximum Air Flow		Max.StaticPressure		Noise
	VDC	VDC	AMP	Watt	R.P.M	M3/min	CFM	Pa	IN H2O	dB-A
SZR-FB0812UHE	12	7.2-13.8	3.4	40.8	14900	3.7	130.7	1000	4.0	69
SZR-FB0824UHE	24	14.5~27.5	1.7	40.8	14900	3.7	130.7	1000	4.0	69
SZR-FB0848UHE	48	29.0~55.0	0.85	40.8	14900	3.7	130.7	1000	4.0	69

● Dimensions(unit:mm\inch)



●Air Flow-Static Pressure Characteristics

