08038PB (80□ X 38L)

Legacy Part No. 3115PS

General Specifications

Motor Structure: Shaded Pole Induction Motor

Motor Protection: Impedance Protection

Insulation Resistance:
10M Ω or over with a DC500V Megger

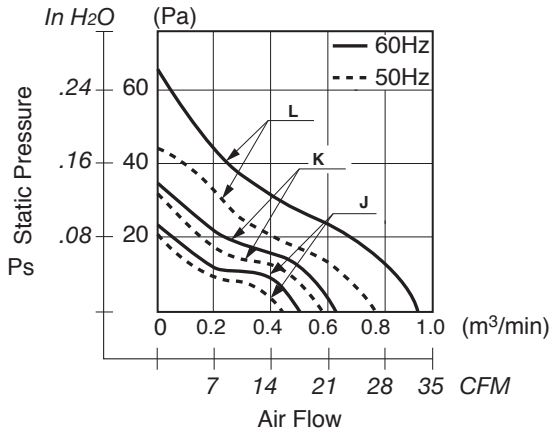
Dielectric Withstand Voltage: AC 700V 1s

Allowable Ambient Temperature Range:
-10°C ~ +70°C (Operating)
-40°C ~ +70°C (Storage)
(non-condensing environment)

Expected Life

Failure Rate: 10%
25°C 100,000 Hours

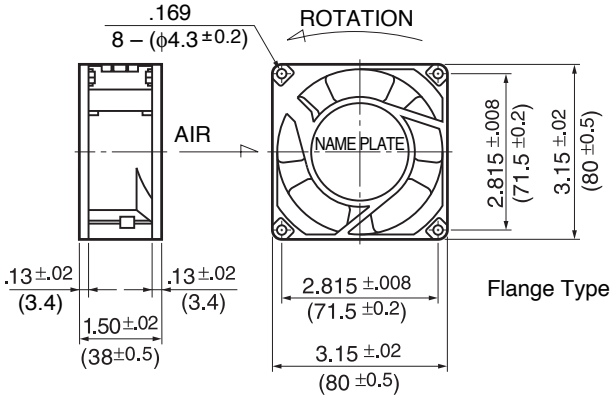
Characteristic Curves



Material

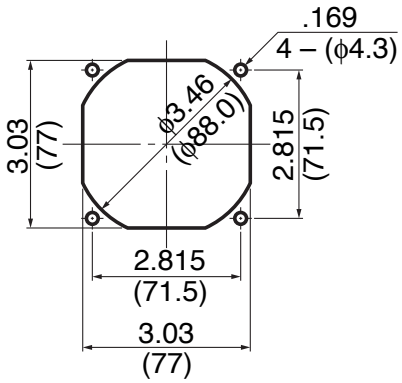
Casing	: Aluminum (Black Painting)
Impeller	: Plastic (Black) UL94V-0
Bearing	: Ball Bearing
Lead Wire	: AWG22, UL3266
or Terminal	: Faston #110 or equivalent

Outline



Panel Cut-Outs

Units: inch (mm)



INLET SIDE / OUTLET SIDE

08038PB (80□ X 38L)

Legacy Part No. 3115PS

Specifications

	MODEL	LEGACY P/N	Rated Voltage	Frequency	Starting Voltage	Current	Input Power	Speed	Max. Air Flow		Max. Static Pressure		Noise	Mass
			(V)	(Hz)	(V)	(A)*1	(W)	(min^{-1})*2	CFM*1	(m^3/min)*2	in H_2O	(Pa)*2	(dB)*2	(g)
**	08038PB-A0J-EA-00	3115PS-10T-B10-B00	100	50	65	0.065	4.5	1700	17.6	0.50	.06	16.6	23.0	270
			100	60	65	0.055	4.0	1900	19.4	0.55	.08	21.5	25.0	270
**	08038PB-A0K-EA-00	3115PS-10T-B20-B00	100	50	65	0.080	4.5	2100	21.0	0.60	.10	24.5	29.0	270
			100	60	65	0.070	4.0	2300	24.0	0.68	.12	29.4	32.0	270
**	08038PB-A0L-EA-00	3115PS-10T-B30-B00	100	50	65	0.170	9.0	2700	26.5	0.75	.14	34.3	33.0	270
			100	60	65	0.120	7.0	3200	32.0	0.90	.20	49.0	38.0	270
	08038PB-A1J-EA-00	3115PS-12T-B10-A00	115	50	75	0.060	4.5	1700	17.6	0.50	.06	16.6	23.0	270
			115	60	75	0.055	4.0	1900	19.4	0.55	.08	21.5	25.0	270
	08038PB-A1K-EA-00	3115PS-12T-B20-A00	115	50	75	0.080	5.0	2100	21.0	0.60	.10	24.5	29.0	270
			115	60	75	0.070	4.5	2300	24.0	0.68	.12	29.4	32.0	270
	08038PB-A1L-EA-00	3115PS-12T-B30-A00	115	50	75	0.140	9.0	2700	26.5	0.75	.14	34.3	33.0	270
			115	60	75	0.110	7.0	3200	32.0	0.90	.20	49.0	38.0	270
**	08038PB-B0J-EA-00	3115PS-20T-B10-B00	200	50	130	0.045	4.5	1700	17.6	0.50	.06	16.6	23.0	270
			200	60	160	0.040	4.0	1900	19.4	0.55	.08	21.5	26.0	270
**	08038PB-B0K-EA-00	3115PS-20T-B20-B00	200	50	130	0.040	4.5	2100	21.0	0.60	.10	24.5	29.0	270
			200	60	160	0.035	4.0	2300	24.0	0.68	.13	31.3	32.0	270
**	08038PB-B0L-EA-00	3115PS-20T-B30-B00	200	50	130	0.080	9.0	2700	26.5	0.75	.14	34.3	33.0	270
			200	60	130	0.060	7.0	3200	32.0	0.90	.20	49.0	38.0	270
**	08038PB-B2J-EA-00	3115PS-22T-B10-B00	220	50	150	0.050	5.5	1750	17.6	0.50	.06	16.6	23.0	270
			220	60	150	0.045	4.5	2000	21.2	0.60	.09	23.5	26.0	270
**	08038PB-B2K-EA-00	3115PS-22T-B20-B00	220	50	165	0.045	6.0	2200	22.0	0.63	.10	24.5	29.0	270
			220	60	165	0.040	5.0	2400	25.4	0.72	.13	31.3	34.0	270
**	08038PB-B2L-EA-00	3115PS-22T-B30-B00	220	50	150	0.070	9.0	2700	26.5	0.75	.14	34.3	33.0	270
			220	60	150	0.060	7.0	3200	32.0	0.90	.20	49.0	38.0	270
	08038PB-B3J-EA-00	3115PS-23T-B10-A00	230	50	150	0.055	6.0	1800	17.6	0.50	.07	17.6	23.0	270
			230	60	150	0.050	5.0	2100	22.0	0.63	.10	24.5	26.0	270
	08038PB-B3K-EA-00	3115PS-23T-B20-A00	230	50	150	0.050	7.0	2200	22.0	0.63	.10	24.5	30.0	270
			230	60	150	0.045	6.0	2500	26.0	0.74	.14	35.2	34.0	270
	08038PB-B3L-EA-00	3115PS-23T-B30-A00	230	50	150	0.070	10.0	2700	26.5	0.75	.14	34.3	33.0	270
			230	60	150	0.055	8.0	3200	32.0	0.90	.20	49.0	38.0	270
**	08038PB-B4J-EA-00	3115PS-24T-B10-A00	240	50	150	0.060	7.0	1800	17.6	0.50	.07	17.6	23.0	270
			240	60	150	0.055	6.0	2150	21.6	0.64	.10	25.4	26.0	270
**	08038PB-B4K-EA-00	3115PS-24T-B20-A00	240	50	150	0.055	7.0	2200	22.0	0.63	.10	24.5	30.0	270
			240	60	150	0.045	6.0	2600	26.5	0.75	.15	37.2	35.0	270
**	08038PB-B4L-EA-00	3115PS-24T-B30-A00	240	50	150	0.075	12.0	2700	26.5	0.75	.14	34.3	33.0	270
			240	60	150	0.060	9.0	3200	32.0	0.90	.20	49.0	38.0	270

Rotation: Counterclockwise
** Contact NMB for Availability

Airflow Outlet: Air Out Over Struts

*1: Maximum Values in Free Air
*2: Average Values in Free Air
*3: Minimum Values in Free Air

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

NMB Technologies:

08038PB-A1L-AA-00 08038PB-A1L-EA-00 08038PB-B0K-EA-00 08038PB-B0L-EA-00 08038PB-A1K-EA-00
08038PB-B3K-AA-00 08038PB-B0J-EA-00 08038PB-B4L-EA-00 08038PB-B3J-AA-00 08038PB-B3L-AA-00
08038PB-B0K-AA-00 08038PB-B3L-EP-00 08038PB-B2L-AA-00 08038PB-B2L-EA-00 08038PB-B3L-EA-00
08038PB-B4J-AA-00 08038PB-A0K-AA-00 08038PB-B2K-EA-00 08038PB-B0L-AA-00 08038PB-B0J-AA-00
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08038PB-A0L-AA-00 08038PB-A0J-AA-00 08038PB-A1J-AA-00 08038PB-A1J-EA-00 08038PB-B4K-EA-00
08038PB-A0K-EA-00