

Anti-vibration machine vision lenses (SAV series)

LS-AV-SAV series · Machine vision lenses · 40 models

8 mm, 1/1.8", C-mount Anti-Vibration Machine Vision Lens.



Common specifications

Mount

Models

Model	Magnification (x)	Working distance (mm)	Max sensor size (dia. mm)	F/#	Numerical aperture NA	Effective focal length EFL (mm)	Resolution (um)
LS-SAV18-00223X696W	0.0223	696	9.0(1/1.8")	6	0.00186	15.8	180.4
LS-SAV18-01X145W	0.1	145	9.0(1/1.8")	6	0.00833	15.87	40.3
LS-SAV18-02X66W	0.2	66	9.0(1/1.8")	6	0.01667	15.85	20.1
LS-SAV18-03X39W	0.3	39	9.0(1/1.8")	6	0.025	15.89	13.4
LS-SAV18-04X26W	0.4	26	9.0(1/1.8")	6	0.03328	15.9	10.1
LS-SAV18-0122X210W	0.122	210	9.0(1/1.8")	5.6	0.01089	24.97	30.8
LS-SAV18-014X188W	0.14	188	9.0(1/1.8")	5.6	0.0125	24.97	26.8
LS-SAV18-015X178W	0.15	178	9.0(1/1.8")	5.6	0.0125	24.97	26.8
LS-SAV18-01X252W	0.1	252	9.0(1/1.8")	5.6	0.00894	25.04	37.5
LS-SAV18-025X108W	0.25	108	9.0(1/1.8")	6.5	0.01924	24.99	17.4
LS-SAV18-02X130W	0.2	130	9.0(1/1.8")	5.6	0.01786	24.99	18.8
LS-SAV18-05X56W	0.5	56	9.0(1/1.8")	8	0.0312	24.89	10.8
LS-SAV23-03X88W	0.3	88	11.0(2/3")	6.5	0.02305	24.99	14.6

LS-SAV23-04X68W	0.4	68	11.0(2/3")	6.5	0.03075	25.06	10.9
LS-SAV18-0233X168WS	0.233	168	9.0(1/1.8")	5.6	0.02079	35.34	16.1
LS-SAV23-012X310W	0.12	310	11.0(2/3")	5.6	0.01062	35.22	31.6
LS-SAV23-01X360W	0.1	360	11.0(2/3")	5.6	0.00893	34.83	37.6
LS-SAV23-0233X165W	0.233	165	11.0(2/3")	5.6	0.02079	35.34	16.1
LS-SAV23-02X192W	0.2	192	11.0(2/3")	5.6	0.01777	35.52	18.9
LS-SAV18-04X108WS	0.4	108	9.0(1/1.8")	6	0.0333	37.17	10.1
LS-SAV23-03X135W	0.3	135	11.0(2/3")	6	0.02493	36.61	13.5
LS-SAV23-0438X100W	0.438	100	11.0(2/3")	6	0.0365	37.55	9.2
LS-SAV23-04X106W	0.4	106	11.0(2/3")	6	0.0333	37.17	10.1
LS-SAV23-05X90W	0.5	90	11.0(2/3")	7	0.03574	38.01	9.4
LS-SAV23-06X78W	0.6	78	11.0(2/3")	7	0.04287	39.32	7.8
LS-SAV23-07X70W	0.7	70	11.0(2/3")	8	0.04367	40.45	7.7
LS-SAV23-08X65W	0.8	65	11.0(2/3")	8	0.04996	42.1	6.7
LS-SAV23-09X60W	0.9	60	11.0(2/3")	8.5	0.05295	43.39	6.3
LS-SAV18-06X106W	0.6	106	9.0(1/1.8")	7.5	0.03995	45.4	8.4
LS-SAV18-09X81W	0.9	81	9.0(1/1.8")	8	0.05607	45.63	6
LS-SAV18-10X58W	1	58	9.0(1/1.8")	8.5	0.05841	45	5.7
LS-SAV18-10X76W	1	76	9.0(1/1.8")	8.5	0.05869	45.71	5.7
LS-SAV23-0244X220W	0.244	220	11.0(2/3")	6	0.02031	46.73	21.1
LS-SAV23-02X264W	0.2	264	11.0(2/3")	6	0.01668	47.49	20.1
LS-SAV23-03X183W	0.3	183	11.0(2/3")	6.5	0.02313	46.28	14.5
LS-SAV23-04X144W	0.4	144	11.0(2/3")	6.5	0.03077	45.81	10.9
LS-SAV23-05X121W	0.5	121	11.0(2/3")	7	0.0357	45.52	9.4
LS-SAV23-07X95W	0.7	95	11.0(2/3")	7.5	0.04663	45.48	7.2
LS-SAV23-08X87W	0.8	87	11.0(2/3")	7.5	0.05317	45.47	6.3
LS-SAV23-01X544W	0.1	544	11.0(2/3")	6	0.00834	52.75	40.2

More values per model (MTF30, average (lp/mm), Depth of field (mm), TV distortion (%), Relative illumination (min), Total length TTL (mm), Front filter thread) are on each product page.