

Depth of field

SIGMA APO 70-200mm F2.8 EX DG MACRO HSM

f = 70 Permissible circle of confusion = 0.033333mm

Distance	INF		8.00m		4.00m		2.50m		1.70m		1.30m	
F number	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front
2.8	INF	54.019	9.290	7.027	4.277	3.758	2.596	2.411	1.739	1.663	1.320	1.281
4	INF	39.725	9.867	6.732	4.387	3.678	2.633	2.381	1.753	1.650	1.327	1.274
5.6	INF	28.124	10.927	6.319	4.570	3.559	2.692	2.335	1.776	1.630	1.339	1.264
8	INF	19.920	12.893	5.816	4.859	3.404	2.781	2.273	1.810	1.603	1.355	1.249
11	INF	14.120	17.315	5.229	5.337	3.208	2.917	2.191	1.860	1.567	1.380	1.230
16	INF	10.018	33.803	4.579	6.205	2.967	3.136	2.085	1.936	1.518	1.416	1.203
22	INF	7.118	INF	3.899	8.076	2.684	3.511	1.952	2.056	1.454	1.471	1.167

f = 70

Distance	1.10m		1.00m	
F number	Rear	Front	Rear	Front
2.8	1.113	1.088	1.010	0.991
4	1.117	1.083	1.013	0.987
5.6	1.125	1.077	1.019	0.982
8	1.135	1.067	1.027	0.975
11	1.151	1.054	1.038	0.965
16	1.173	1.036	1.055	0.951
22	1.206	1.012	1.080	0.932

(Unit: meter)

Depth of field

SIGMA APO 70-200mm F2.8 EX DG MACRO HSM

f = 85 Permissible circle of confusion = 0.033333mm

Distance	INF		8.00m		4.00m		2.50m		1.70m		1.30m	
F number	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front
2.8	INF	74.018	8.904	7.265	4.199	3.820	2.570	2.434	1.728	1.673	1.315	1.286
4	INF	54.418	9.283	7.032	4.276	3.759	2.596	2.411	1.739	1.663	1.320	1.281
5.6	INF	38.510	9.945	6.698	4.401	3.667	2.638	2.376	1.755	1.648	1.328	1.273
8	INF	27.262	11.062	6.276	4.593	3.545	2.699	2.329	1.779	1.628	1.340	1.262
11	INF	19.308	13.159	5.764	4.895	3.387	2.792	2.265	1.815	1.600	1.358	1.247
16	INF	13.684	18.002	5.170	5.399	3.186	2.935	2.181	1.867	1.562	1.384	1.227
22	INF	9.707	37.756	4.515	6.324	2.940	3.165	2.072	1.947	1.511	1.422	1.199

f = 85

Distance	1.10m		1.00m	
F number	Rear	Front	Rear	Front
2.8	1.109	1.091	1.007	0.993
4	1.113	1.088	1.010	0.990
5.6	1.118	1.083	1.014	0.987
8	1.126	1.075	1.020	0.981
11	1.137	1.066	1.028	0.973
16	1.153	1.052	1.040	0.963
22	1.177	1.033	1.058	0.948

(Unit: meter)

Depth of field

SIGMA APO 70-200mm F2.8 EX DG MACRO HSM

f = 100 Permissible circle of confusion = 0.033333mm

Distance	INF		8.00m		4.00m		2.50m		1.70m		1.30m	
F number	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front
2.8	INF	102.306	8.634	7.453	4.142	3.867	2.550	2.452	1.721	1.680	1.311	1.290
4	INF	75.152	8.889	7.273	4.196	3.822	2.569	2.435	1.728	1.673	1.314	1.286
5.6	INF	53.170	9.320	7.010	4.284	3.752	2.599	2.409	1.740	1.662	1.321	1.280
8	INF	37.626	10.005	6.670	4.414	3.659	2.642	2.373	1.757	1.647	1.329	1.272
11	INF	26.635	11.169	6.241	4.612	3.534	2.706	2.324	1.782	1.625	1.342	1.261
16	INF	18.863	13.375	5.723	4.925	3.372	2.802	2.259	1.819	1.597	1.360	1.245
22	INF	13.367	18.583	5.123	5.451	3.168	2.950	2.172	1.873	1.557	1.387	1.224

f = 100

Distance	1.10m		1.00m	
F number	Rear	Front	Rear	Front
2.8	1.107	1.093	1.005	0.995
4	1.109	1.091	1.007	0.993
5.6	1.113	1.087	1.010	0.990
8	1.119	1.082	1.014	0.986
11	1.127	1.074	1.021	0.980
16	1.138	1.064	1.029	0.972
22	1.155	1.050	1.042	0.961

(Unit: meter)

Depth of field

SIGMA APO 70-200mm F2.8 EX DG MACRO HSM

f = 135 Permissible circle of confusion = 0.033333mm

Distance	INF		8.00m		4.00m		2.50m		1.70m		1.30m	
F number	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front
2.8	INF	185.640	8.339	7.688	4.078	3.925	2.528	2.473	1.712	1.689	1.306	1.294
4	INF	136.684	8.468	7.582	4.107	3.899	2.538	2.463	1.716	1.685	1.308	1.292
5.6	INF	96.683	8.678	7.422	4.152	3.859	2.554	2.448	1.722	1.678	1.312	1.289
8	INF	68.398	8.994	7.206	4.219	3.803	2.577	2.427	1.732	1.670	1.316	1.284
11	INF	48.397	9.484	6.922	4.317	3.727	2.611	2.399	1.745	1.657	1.323	1.277
16	INF	34.255	10.276	6.557	4.464	3.625	2.660	2.359	1.765	1.640	1.333	1.268
22	INF	24.255	11.655	6.103	4.691	3.490	2.732	2.306	1.793	1.617	1.348	1.256

f = 135

Distance	1.10m		1.00m	
F number	Rear	Front	Rear	Front
2.8	1.104	1.096	1.003	0.997
4	1.105	1.095	1.004	0.996
5.6	1.108	1.093	1.006	0.994
8	1.111	1.090	1.008	0.992
11	1.115	1.085	1.012	0.989
16	1.122	1.079	1.017	0.984
22	1.131	1.071	1.024	0.977

(Unit: meter)

Depth of field

SIGMA APO 70-200mm F2.8 EX DG MACRO HSM

f = 200 Permissible circle of confusion = 0.033333mm

Distance	INF		8.00m		4.00m		2.50m		1.70m		1.30m	
F number	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front
2.8	INF	380.007	8.163	7.843	4.038	3.963	2.514	2.486	1.706	1.694	1.303	1.297
4	INF	279.788	8.224	7.789	4.052	3.949	2.519	2.481	1.708	1.692	1.304	1.296
5.6	INF	197.901	8.320	7.704	4.074	3.929	2.527	2.474	1.711	1.689	1.306	1.294
8	INF	139.999	8.460	7.588	4.106	3.900	2.538	2.463	1.716	1.684	1.308	1.292
11	INF	99.056	8.667	7.430	4.151	3.860	2.554	2.448	1.723	1.678	1.312	1.288
16	INF	70.104	8.978	7.218	4.218	3.805	2.577	2.427	1.732	1.669	1.317	1.284
22	INF	49.633	9.459	6.939	4.315	3.730	2.611	2.399	1.746	1.657	1.324	1.277

f = 200

Distance	1.10m		1.00m	
F number	Rear	Front	Rear	Front
2.8	1.102	1.098	1.002	0.998
4	1.103	1.097	1.002	0.998
5.6	1.104	1.096	1.003	0.997
8	1.106	1.095	1.004	0.996
11	1.108	1.092	1.006	0.994
16	1.111	1.089	1.009	0.992
22	1.116	1.085	1.012	0.988

(Unit: meter)