

Depth of field

SIGMA MACRO 105mm F2.8 EX DG

f = 105 Permissible circle of confusion = 0.033333mm

Distance	INF		3.00m		1.50m		1.00m		0.80m		0.60m		0.50m	
F number	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front
2.8	INF	107.124	3.080	2.924	1.518	1.482	1.007	0.993	0.804	0.796	0.602	0.598	0.501	0.499
4	INF	78.297	3.111	2.897	1.525	1.476	1.010	0.990	0.806	0.794	0.603	0.597	0.502	0.498
5.6	INF	55.396	3.159	2.857	1.536	1.466	1.014	0.986	0.809	0.792	0.604	0.596	0.503	0.498
8	INF	39.203	3.231	2.801	1.551	1.453	1.020	0.980	0.812	0.788	0.606	0.594	0.504	0.496
11	INF	27.753	3.337	2.727	1.573	1.434	1.029	0.973	0.817	0.784	0.608	0.592	0.505	0.495
16	INF	19.656	3.501	2.628	1.606	1.408	1.042	0.962	0.825	0.777	0.612	0.589	0.507	0.493
22	INF	13.931	3.764	2.501	1.655	1.374	1.060	0.947	0.835	0.768	0.617	0.584	0.510	0.490
32	INF	9.882	4.213	2.341	1.729	1.328	1.088	0.927	0.851	0.756	0.624	0.578	0.515	0.486
45	INF	7.020	5.076	2.148	1.848	1.268	1.130	0.900	0.875	0.739	0.635	0.569	0.521	0.481

f = 105

Distance	0.45m		0.40m		0.37m		0.35m		0.33m		0.32m		0.313m	
F number	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front
2.8	0.451	0.449	0.401	0.399	0.370	0.370	0.350	0.350	0.330	0.330	0.320	0.320	0.313	0.313
4	0.451	0.449	0.401	0.399	0.371	0.369	0.351	0.349	0.330	0.330	0.320	0.320	0.313	0.313
5.6	0.452	0.448	0.401	0.399	0.371	0.369	0.351	0.349	0.331	0.329	0.320	0.320	0.313	0.313
8	0.453	0.447	0.402	0.398	0.371	0.369	0.351	0.349	0.331	0.329	0.321	0.319	0.314	0.312
11	0.454	0.446	0.403	0.398	0.372	0.368	0.351	0.349	0.331	0.329	0.321	0.319	0.314	0.312
16	0.455	0.445	0.404	0.397	0.373	0.367	0.352	0.348	0.332	0.328	0.321	0.319	0.314	0.312
22	0.458	0.443	0.405	0.395	0.374	0.366	0.353	0.347	0.332	0.328	0.322	0.318	0.315	0.311
32	0.461	0.440	0.407	0.393	0.375	0.365	0.354	0.346	0.333	0.327	0.323	0.317	0.315	0.311
45	0.465	0.436	0.410	0.390	0.378	0.363	0.356	0.344	0.335	0.326	0.324	0.316	0.316	0.310

(Unit: meter)