

Depth of field

SIGMA APO MACRO 150mm F2.8 EX DG HSM

f = 150 Permissible circle of confusion = 0.033333mm

Distance	INF		3.00m		2.00m		1.30m		0.90m		0.70m	
F number	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front
2.8	INF	221.341	3.038	2.962	2.016	1.984	1.306	1.294	0.903	0.897	0.702	0.698
4	INF	161.187	3.053	2.949	2.023	1.978	1.309	1.291	0.904	0.896	0.702	0.698
5.6	INF	113.989	3.076	2.928	2.032	1.969	1.313	1.288	0.905	0.895	0.703	0.697
8	INF	80.627	3.108	2.899	2.046	1.956	1.318	1.283	0.908	0.892	0.704	0.696
11	INF	57.043	3.155	2.860	2.066	1.939	1.326	1.275	0.911	0.889	0.706	0.694
16	INF	40.370	3.225	2.806	2.094	1.915	1.337	1.266	0.916	0.885	0.708	0.692
22	INF	28.581	3.329	2.732	2.136	1.881	1.352	1.252	0.922	0.879	0.712	0.689
32	INF	20.247	3.488	2.636	2.198	1.837	1.375	1.233	0.932	0.870	0.717	0.684

f = 150

Distance	0.60m		0.52m		0.45m		0.40m		0.38m	
F number	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front
2.8	0.601	0.599	0.521	0.519	0.450	0.450	0.400	0.400	0.380	0.380
4	0.601	0.599	0.521	0.519	0.451	0.449	0.400	0.400	0.380	0.380
5.6	0.602	0.598	0.521	0.519	0.451	0.449	0.400	0.400	0.380	0.380
8	0.603	0.597	0.522	0.518	0.451	0.449	0.401	0.399	0.381	0.380
11	0.604	0.596	0.523	0.517	0.452	0.448	0.401	0.399	0.381	0.379
16	0.606	0.595	0.524	0.516	0.452	0.448	0.401	0.399	0.381	0.379
22	0.608	0.592	0.525	0.515	0.453	0.447	0.402	0.398	0.382	0.379
32	0.611	0.589	0.527	0.513	0.455	0.446	0.403	0.397	0.382	0.378

(Unit: meter)

Depth of field

SIGMA APO MACRO 150mm F2.8 EX DG HSM

f = 150 Permissible circle of confusion = 0.033333mm

Distance	∞		1:10		1:5		1:3		1:2		1:1.5	
F number	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front
2.8	∞	221.341	1.664	1.642	0.922	0.916	0.636	0.633	0.499	0.498	0.436	0.436
4	∞	161.187	1.668	1.638	0.923	0.915	0.636	0.633	0.499	0.498	0.437	0.436
5.6	∞	113.989	1.674	1.632	0.924	0.913	0.637	0.632	0.500	0.497	0.437	0.435
8	∞	80.627	1.683	1.624	0.927	0.911	0.638	0.631	0.500	0.497	0.437	0.435
11	∞	57.043	1.696	1.612	0.930	0.907	0.639	0.630	0.501	0.496	0.437	0.435
16	∞	40.370	1.715	1.595	0.935	0.903	0.641	0.628	0.502	0.495	0.438	0.434
22	∞	28.581	1.742	1.573	0.942	0.896	0.644	0.626	0.503	0.494	0.439	0.433
32	∞	20.247	1.782	1.542	0.952	0.888	0.648	0.622	0.505	0.492	0.440	0.432

f = 150

Distance	1:1.2		1:1	
F number	Rear	Front	Rear	Front
2.8	0.401	0.401	0.380	0.380
4	0.401	0.401	0.380	0.380
5.6	0.401	0.401	0.380	0.380
8	0.402	0.400	0.381	0.380
11	0.402	0.400	0.381	0.379
16	0.402	0.400	0.381	0.379
22	0.403	0.399	0.382	0.379
32	0.404	0.398	0.382	0.378

(Unit: meter)