Stereo Base look up sheet

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This sheet uses a simplified way of working out the distance to slide the camera between two photos that will become a stereo pair, this sliding distance is known as the stereo base.

With the table below the focal length of the lens is shown on the left hand side, and the stereo base at the top, the result shown is the nearest distance that should be included in a 3D photo.
This simplified table does not take into account how far the furthest item is away.

Remember you still have to consider depth of field.

Table shows the nearest distance in **metres** that the closest items should be from the camera

Lens	Stereo Base mm													
mm	30	35	40	45	50	55	60	70	75	80	85	90	95	100
12	0.4	0.4	0.5	0.5	0.6	0.7	0.7	0.8	0.9	1.0	1.0	1.1	1.1	1.2
15	0.5	0.5	0.6	0.7	0.8	0.8	0.9	1.1	1.1	1.2	1.3	1.4	1.4	1.5
18	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.3	1.4	1.4	1.5	1.6	1.7	1.8
21	0.6	0.7	0.8	0.9	1.1	1.2	1.3	1.5	1.6	1.7	1.8	1.9	2.0	2.1
24	0.7	0.8	1.0	1.1	1.2	1.3	1.4	1.7	1.8	1.9	2.0	2.2	2.3	2.4
27	0.8	0.9	1.1	1.2	1.4	1.5	1.6	1.9	2.0	2.2	2.3	2.4	2.6	2.7
30	0.9	1.1	1.2	1.4	1.5	1.7	1.8	2.1	2.3	2.4	2.6	2.7	2.9	3.0
35	1.1	1.2	1.4	1.6	1.8	1.9	2.1	2.5	2.6	2.8	3.0	3.2	3.3	3.5
40	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.8	3.0	3.2	3.4	3.6	3.8	4.0
45	1.4	1.6	1.8	2.0	2.3	2.5	2.7	3.2	3.4	3.6	3.8	4.1	4.3	4.5
50	1.5	1.8	2.0	2.3	2.5	2.8	3.0	3.5	3.8	4.0	4.3	4.5	4.8	5.0
55	1.7	1.9	2.2	2.5	2.8	3.0	3.3	3.9	4.1	4.4	4.7	5.0	5.2	5.5
60	1.8	2.1	2.4	2.7	3.0	3.3	3.6	4.2	4.5	4.8	5.1	5.4	5.7	6.0
65	2.0	2.3	2.6	2.9	3.3	3.6	3.9	4.6	4.9	5.2	5.5	5.9	6.2	6.5
70	2.1	2.5	2.8	3.2	3.5	3.9	4.2	4.9	5.3	5.6	6.0	6.3	6.7	7.0
80	2.4	2.8	3.2	3.6	4.0	4.4	4.8	5.6	6.0	6.4	6.8	7.2	7.6	8.0
90	2.7	3.2	3.6	4.1	4.5	5.0	5.4	6.3	6.8	7.2	7.7	8.1	8.6	9.0
100	3.0	3.5	4.0	4.5	5.0	5.5	6.0	7.0	7.5	8.0	8.5	9.0	9.5	10.0
125	3.8	4.4	5.0	5.6	6.3	6.9	7.5	8.8	9.4	10.0	10.6	11.3	11.9	12.5
150	4.5	5.3	6.0	6.8	7.5	8.3	9.0	10.5	11.3	12.0	12.8	13.5	14.3	15.0
175	5.3	6.1	7.0	7.9	8.8	9.6	10.5	12.3	13.1	14.0	14.9	15.8	16.6	17.5
200	6.0	7.0	8.0	9.0	10.0	11.0	12.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0
250	7.5	8.8	10.0	11.3	12.5	13.8	15.0	17.5	18.8	20.0	21.3	22.5	23.8	25.0
300	9.0	10.5	12.0	13.5	15.0	16.5	18.0	21.0	22.5	24.0	25.5	27.0	28.5	30.0
350	10.5	12.3	14.0	15.8	17.5	19.3	21.0	24.5	26.3	28.0	29.8	31.5	33.3	35.0
400	12.0	14.0	16.0	18.0	20.0	22.0	24.0	28.0	30.0	32.0	34.0	36.0	38.0	40.0

Example 50mm lens 70mm stereo base shows the nearest item should be at least 3.5 metres away.