

LUBRICANT FILL QUANTITIES

HELICAL GEAR UNIT (B-R..)

The specified fill quantities are recommended values. The precise values vary depending on the number of stages and gear ratio. When filling, it is essential to check the oil level plug since it indicates the precise oil volume.

The following tables show referenced values for lubricant fill quantities in relation to the Mounting position M1 - M6.

Model	Fill Quantity (L)					
	M1 ¹⁾	M2 ¹⁾	M3	M4	M5	M6
B-R..17	0.25	0.6	0.35	0.6	0.35	0.35
B-R..27	0.25/0.4	0.7	0.4	0.7	0.4	0.4
B-R..37	0.3/1	0.9	1	1.1	0.8	1
B-R..47	0.7/1.5	1.6	1.5	1.7	1.5	1.5
B-R..57	0.8/1.7	1.9	1.7	2.1	1.7	1.7
B-R..67	1.1/2.3	2.6/3.5	2.8	3.2	1.8	2
B-R..77	1.2/3	3.8/4.3	3.6	4.3	2.5	3.4
B-R..87	2.3/6	6.7/8.4	7.2	7.7	6.3	6.5
B-R..97	4.6/9.8	11.7/14	11.7	13.4	11.3	11.7
B-R..107	6/13.7	16.3	16.9	19.2	13.2	15.9
B-R..137	10/25	28	29.5	31.5	25	25
B-R..147	15.4/40	46.5	48	52	39.5	41
B-R..167	27/70	82	78	88	66	69

Model	Fill Quantity (L)					
	M1 ¹⁾	M2 ¹⁾	M3	M4	M5	M6
B-RF..17	0.25	0.6	0.35	0.6	0.35	0.4
B-RF..27	0.25/0.4	0.7	0.5	0.7	0.5	0.5
B-RF..37	0.4/1	0.9	1	1.1	0.8	1
B-RF..47	0.7/1.5	1.6	1.5	1.7	1.5	1.5
B-RF..57	0.8/1.7	1.8	1.7	2	1.7	1.7
B-RF..67	1.2/2.5	2.7/3.6	2.7	3.1	1.9	2.1
B-RF..77	1.2/2.6	3.8/4.1	3.3	4.1	2.4	3
B-RF..87	2.4/6	6.8/7.9	7.1	7.7	6.3	6.4
B-RF..97	5.1/10.2	11.9/14	11.2	14	11.2	11.8
B-RF..107	6.3/14.9	15.9	17	19.2	13.1	15.9
B-RF..137	9.5/25	27	29	32.5	25	25
B-RF..147	16.4/42	47	48	52	42	42
B-RF..167	26/70	82	78	88	65	71

¹⁾ The larger gear unit requires a large volume when there is multi-stage gear unit.