

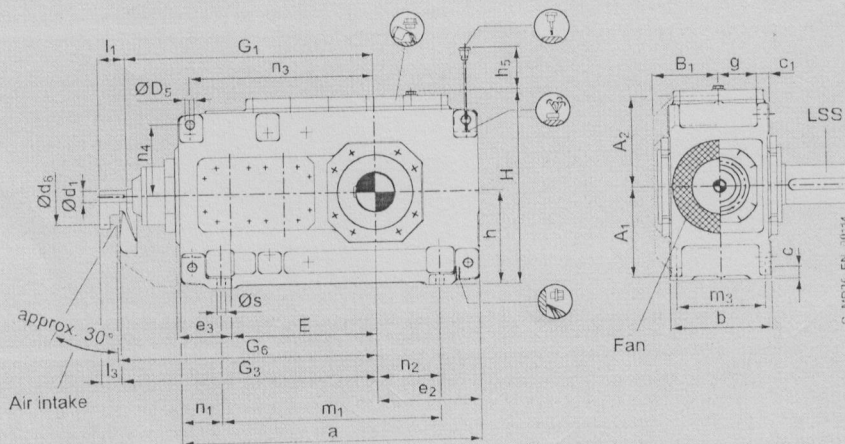
# Bevel helical gear units horizontal mounting position

Type B3

Gear unit dimensions, three-stage, gear unit sizes 4 to 8

## Selection and ordering data

B3.H  
ZLP302-...10-....



Gear unit size	Dimensions in mm											Fan														
	High speed shaft (HSS)						Reinforced shaft					G <sub>1</sub>	G <sub>2</sub>	A <sub>1</sub>	A <sub>2</sub>	E <sub>1</sub>	E <sub>2</sub>	G <sub>6</sub>								
	k	d <sub>1</sub>	f	h	n <sub>1</sub>	d <sub>5</sub>	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	b	h															
4	12.5 - 45	30 m6	70	50	40 - 50	35 m6	60	50	500	520	195	200	143	110	530											
	50 - 71	25 m6	60	40	56 - 63	32 m6	70	50	575	595	220	235	168	130	605											
5	12.5 - 45	35 m6	80	60	31.5 - 50	40 m6	90	70	610	630	220	235	168	130	640											
	50 - 71	28 m6	60	40	56 - 63	35 m6	80	60	690	710	275	275	193	165	720											
6	16 - 56	35 m6	80	60	40 - 63	40 m6	90	70	735	755	275	275	193	165	765											
	63 - 90	28 m6	60	40	71 - 80	35 m6	80	60	890	300	35	36 ± 1	28 H9	430	310	160	582	114	280	170	545	260	120	130	500	215
7	12.5 - 45	45 m6	100	80	31.5 - 50	50 m6	110	90	77.5	200	100	355	180	105	85	345	150	19								
	50 - 71	35 m6	80	60	56 - 63	40 m6	90	70	97.5	230	130	430	220	105	100	405	180	19								
8	16 - 56	45 m6	100	80	40 - 63	50 m6	110	90	97.5	230	130	510	220	105	145	410	180	19								
	63 - 90	35 m6	80	60	71 - 80	40 m6	90	70	114	280	170	545	260	120	130	500	215	24								

Gear unit size	Dimensions in mm																		
	a	b	c	c <sub>1</sub>	d <sub>h</sub>	E	e <sub>2</sub>	e <sub>3</sub>	H	g	h <sup>1)</sup>	h <sub>0</sub>	m <sub>1</sub>	n <sub>2</sub>	n <sub>1</sub>	o <sub>2</sub>	o <sub>3</sub>	o <sub>4</sub>	o <sub>5</sub>
4	565	215	28	30 ± 1	24 H9	270	190	110	415	77.5	200	100	355	180	105	85	345	150	19
5	640	255	28	30 ± 1	24 H9	315	205	130	482	97.5	230	130	430	220	105	100	405	180	19
6	720	255	28	30 ± 1	24 H9	350	250	130	482	97.5	230	130	510	220	105	145	410	180	19
7	785	300	35	36 ± 1	28 H9	365	250	160	572	114	280	170	545	260	120	130	500	215	24
8	890	300	35	36 ± 1	28 H9	430	310	160	582	114	280	160	650	260	120	190	545	215	24

1) Permissible tolerance: -1 mm.

Shaft seals, see page 10/2 onwards.  
For details on the shafts, see Chapter 9

