

Speed limits

maximum input speed n_D with standard lubricant

Mounting orientation shafts		i	ZK-065	ZK-090	ZK-120	ZK-140
		$n_D : n_{AC}$	n_D, min^{-1}	n_D, min^{-1}	n_D, min^{-1}	n_D, min^{-1}
	all horizontal / input below (shaft D)	1:1	1800	1800	1800	1800
		2:1	1800	1800	1800	1800
		3:1	1800	1800	1800	1800
	input above (shaft D)	1:1	1800	1800	1700	1550
		2:1	1800	1800	1700	1550
		3:1	1800	1800	1700	1550
	output vertical (shaft A/C)	1:1	1800	1800	1700	1460
		2:1	1800	1800	1800	1800
		3:1	1800	1800	1800	1800

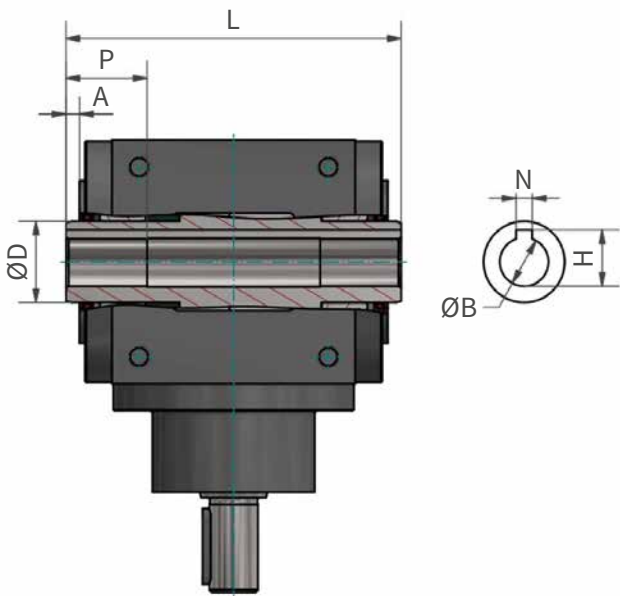
maximum input speed n_D with high-performance lubricant

Einbaulage Wellen		i	ZK-065	ZK-090	ZK-120	ZK-140
		$n_D : n_{AC}$	n_D, min^{-1}	n_D, min^{-1}	n_D, min^{-1}	n_D, min^{-1}
	all horizontal / input below (shaft D)	1:1	3000	3000	3000	3000
		2:1	3000	3000	3000	3000
		3:1	3000	3000	3000	3000
	input above (shaft D)	1:1	3000	2200	-	-
		2:1	3000	2200	-	-
		3:1	3000	2200	-	-
	output vertical (shaft A/C)	1:1	3000	2200	-	-
		2:1	3000	3000	3000	2800
		3:1	3000	3000	3000	3000



Variant

Hollow shaft | Bevel gearbox 1.3 / HW



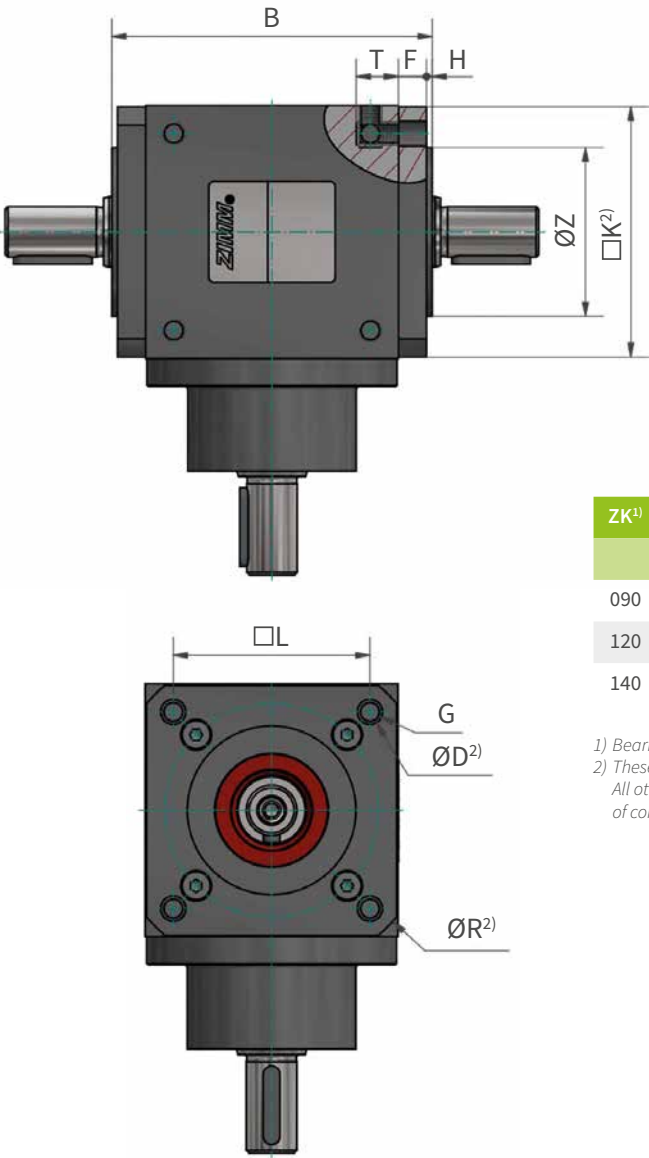
Keyway according to DIN 6885-1.
The dimensions listed are identical for all available drive ratios.
Dimensions not listed correspond to those of the standard type of construction.
For moments of inertia, see the standard type of construction.

ZK	ØB	H	N	P	ØD	A	L
	H7	+0,1	JS9				DIN ISO 2768-m
065	12	13,8	4	20	20	2	92
090	18	20,8	6	30	30	5	124
120	25	28,3	8	40	40	5	160
140	32	35,3	10	50	45	5	180



Variant

Square bearing cover | Bevel gearbox Q



ZK ¹⁾	□K ²⁾	ØZ	H	□L	ØD ²⁾	F	G	T	T+F ²⁾	B	ØR ²⁾
f7											
090	89	60	2	70	9	10	M8	15	25	114	117
120	119	80	3	100	11	12	M10	16	28	150	164
140	139	90	3	110	11	12	M10	18	30	170	192

1) Bearing cover Q is not available for size 065.
2) These dimensions are only present with bearing cover Q.
All other dimensions, as well as dimensions not listed, correspond to those of the standard type of construction with bearing cover R.

