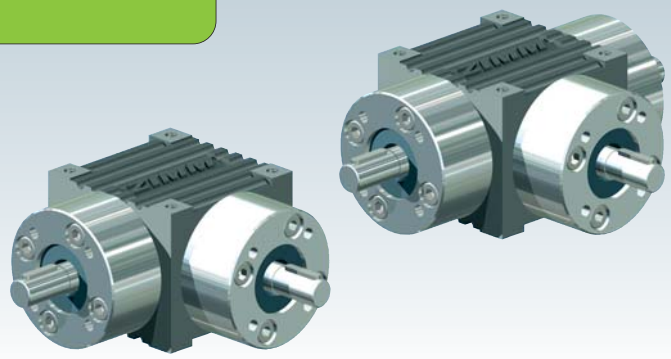
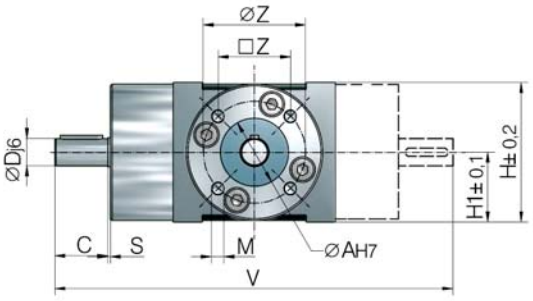
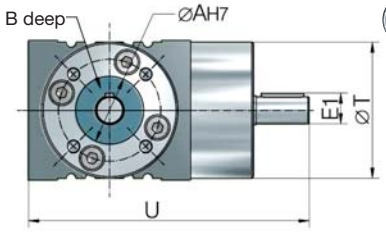
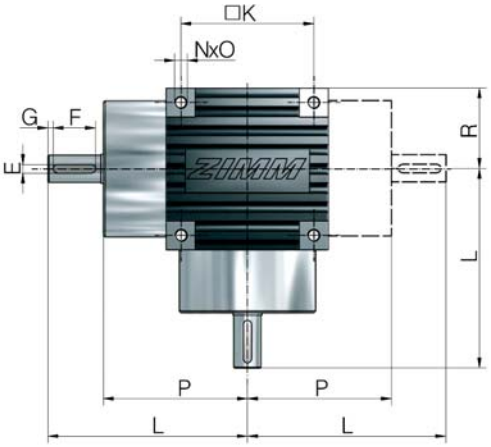
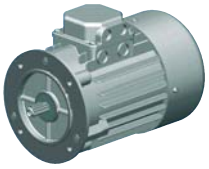


KSZ spiral-toothed



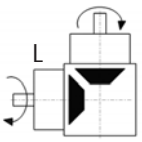


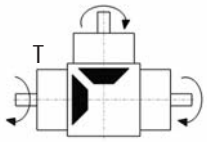




The spiral-toothed version is recommended for motorised operation

Shaft configuration





The direction of rotation changes when the gearbox is reversed (version T)

If one of the shafts is vertical, this must be stated when ordering: e.g.: "vertical drive shaft"

Dimensions

Part no.	Ø A_{H7}	B	C	D_{j6}	E_{h9}	E_1	F	G	H	H_1	□K	L	L_1	M	N	O	P	R	S	Ø T	U	V	Ø Z	□Z
KSZ-5-L/T	32	2	21	11	4	12.5	16	3	62	31	60	90	30	M6	M6	13	69	36.0	1.0	61.5	126.0	180	46.1	32.6
KSZ-10-L/T	35	3	26	14	5	16.0	16	5	74	37	70	105	35	M8	M8	15	79	42.5	1.5	73.5	147.5	210	49.5	35.0
KSZ-25-L/T	40	3	31	16	5	18.0	25	3	82	41	78	117	39	M8	M8	15	86	47.5	1.5	80.0	164.5	234	60.0	42.4
KSZ-50-L/T	52	4	39	20	6	22.5	25	5	116	58	110	165	55	M10	M10	15	126	67.5	2.0	115.0	232.5	330	86.0	50x70

Technical data

Bevel gearbox	Permissible torque [Nm] at various speeds [rpm] 0	10	100	750	1500	3000	Moment of inertia [kg cm²] L	T	F_{radial} [N]	Weight [kg] L	T
KSZ-5-L/T	29.5	13.9	13.9	13.8	13.5	13.3	0.429	0.565	140	L 2.7	T 3.4
KSZ-10-L/T	58.4	25.4	25.2	25.1	23.1	19.1	1.129	1.436	200	L 4.5	T 5.6
KSZ-25-L/T	82.4	32.9	32.9	32.7	30.1	24.1	1.283	1.569	300	L 5.7	T 7.0
KSZ-50-L/T	343.0	143.3	143.1	119.3	95.8	75.3	10.008	12.596	1100	L 19.6	T 21.8

Manufacturing and quality features:
- Housing material: GGL 20
- Low-backlash version
- Quiet running
- High torque transmission in a small size
- Spiral-toothed bevel gears:
- Pre-loaded taper roller bearings
- Drive ratio i = 1:1
- Permanent lubrication with oil; oil change required only on heavy duty applications
- Sealing by means of shaft seals and O-rings
- Max. 40% duty factor at 1500 rpm
- Compatible with screw jack modular components
- All installation dimensions symmetrical
- Shaft ends are identical to those for screw jack gearboxes of the same size

Ordering example:

KSZ-25-T

Bevel gearbox spiral-toothed
Size
T or L shaft configuration