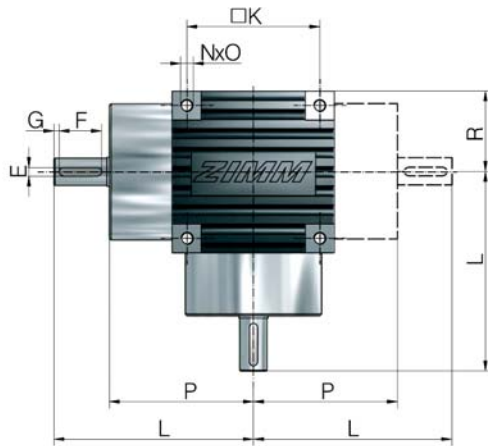
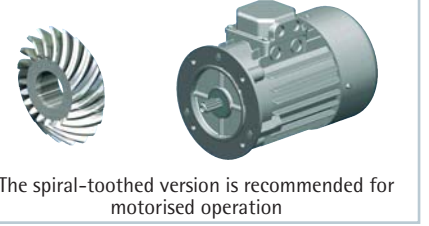
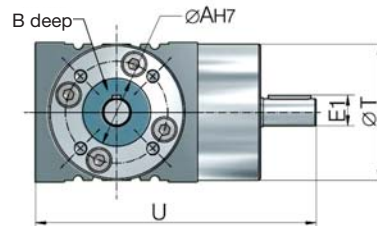
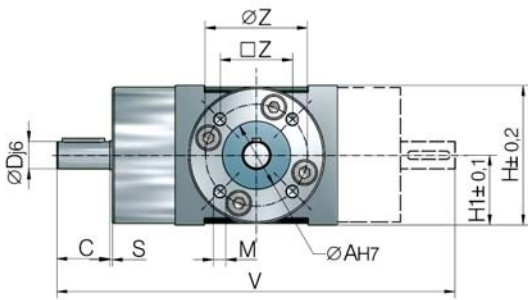
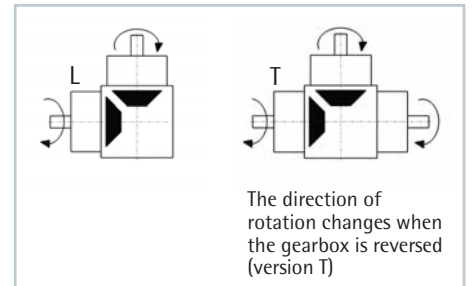


KSZ spiral-toothed



Shaft configuration



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

Dimensions

Part no.	$\varnothing A_{H7}$	B	C	D_{j6}	E_{H9}	E_1	F	G	H	H_1	$\square K$	L	L_1	M	N	O	P	R	S	$\varnothing T$	U	V	$\varnothing Z$	$\square Z$
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]						Moment of inertia [kg cm ²]		F_{radial} [N]	Weight [kg]
	0	10	100	750	1500	3000	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:

Bevel gearbox
spiral-toothed
Size
T or L shaft configuration

KSZ-25-T