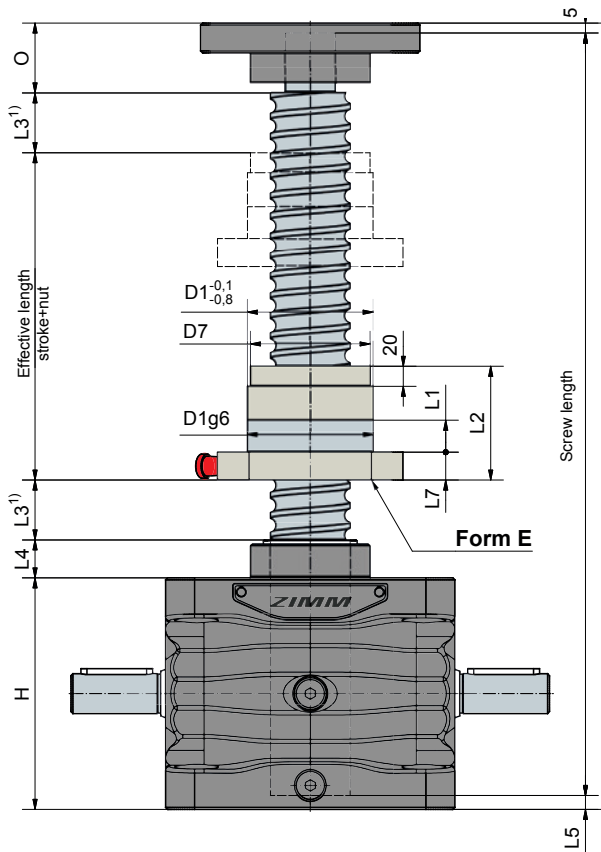
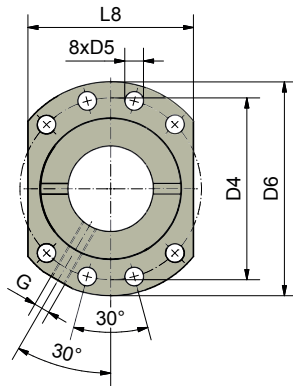


KGT R 150 to 200 kN
KGT-R | rotating screw



Mounting side flange nut:
G = flange gearbox side (as shown)
S = flange screw side



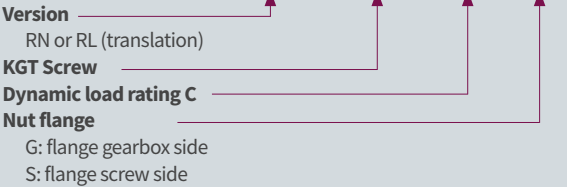
arrangement of boreholes
2 to DIN 69051



Technical data

ZE-150-R		ZE-200-R	
max. compressive/tensile force, static:	150 kN (15 t)	max. compressive/tensile force, static:	200 kN (20 t)
Input speed:	1500 rpm / max. 1800 rpm	Input speed:	1500 rpm / max. 1800 rpm
Gearbox operating temperature:	max. 60°C, higher on request	Gearbox operating temperature:	max. 60°C, higher on request
Moment of inertia:	N: 7,92 kg cm ² / L: 5,17 kg cm ²	Moment of inertia:	N: 11,5 kg cm ² / L: 7,99 kg cm ²
Input torque (at 1500 rpm):	max. 75,1 Nm (N) / max. 20,7 Nm (L)	Input torque (at 1500 rpm):	max. 155 Nm (N) / max. 61 Nm (L)
Drive-through torque:	max. 540 Nm	Drive-through torque:	max. 700 Nm
Gear ratio:	9:1 (normal) / 36:1 (low-speed)	Gear ratio:	8:1 (normal) / 24:1 (low-speed)
Housing material:	GGG, corrosion-resistant	Housing material:	GGG, corrosion-resistant
Worm shaft:	steel, case-hardened, ground	Worm shaft:	steel, case-hardened, ground
Weight (screw jacks):	42 kg	Weight (screw jacks):	50 kg

Ordering example: ZE-150-RN-KGT 63x40, C = 96,6 kN - G



A holding brake is necessary due to the lack of self-locking: either a brake motor or spring-loaded brake can be used.
Spindel: 1.1213 (Cf 53), induktiv gehärtet und poliert.

High performance Series ZE-H
For high duty cycles or input speed up to 3000 rpm please contact our sales department.

Screw jacks	KGT Screw ØxP	Stroke per drive revolution		KGT load rating kN		Nut Type	Hole pattern	Lubrication hole G	Axialplay max ⁴⁾ mm
		RN	RL	dyn. C ²⁾	stat. Co=C _{0a}				
ZE-150	63x10	1,11	0,28	150,2	598,4	E	2	M8x1	0,03
	63x20	2,22	0,56	173,5 ⁵⁾	346,2	E	2	M8x1	0,03
	63x40	4,44	1,11	96,6	205,1	E	2	M8x1	0,03
	63x60 ³⁾	6,67	1,67	59,5	102,5	E	2	M8x1	0,03
ZE-200	80x10 ³⁾	1,25	0,42	206	710,8	E	2	M8x1	0,03
	80x20	2,50	0,83	463,5	1163,7	E	2	M8x1	0,03
	80x40	5,00	1,67	283,8	902	E	2	M8x1	0,03
	80x60	7,50	2,50	193,6	582,5	E	2	M8x1	0,03

Screw jacks	KGT Screw							Dimensions mm										
	ØxP	d	dk	d3j6	O	H	D1	D4	D5	D6	D7	L1	L2	L3 ¹⁾	L4	L5	L7	L8
ZE-150	63x10	63	56,6	45	55	185	90	108	11	125		16	135	20	32	7	18	95
	63x20	63	51,8	45	55	185	95	115	13,5	135	90	25	135	40	32	7	20	100
	63x40	63	54,1	45	55	185	95	115	13,5	135	90	25	126	80	32	7	20	100
	63x60 ³⁾	63	54,1	45	55	185	95	115	13,5	135	90	25	126	120	32	7	20	100
ZE-200	80x10 ³⁾	79,4	74,36	50	65	176	105	125	13,5	145	-	16	160	20	34	5	20	110
	80x20	79,4	69,32	50	65	176	125	145	13,5	165	120	25	190	40	34	5	25	130
	80x40	79,4	72,68	50	65	176	125	145	13,5	165	120	25	190	80	34	5	25	130
	80x60	79,4	72,68	50	65	176	125	145	13,5	165	120	25	190	120	34	5	25	130

An increased screw can also be used for the rotating version.
(such as: ZE-150-RN with screw 80x20)
1) An extension may be required if a bellows or spiral spring is fitted
2) Dynamic load rating to DIN 69051 part 4 draft: 1989
3) Non-preferred design
4) Reduced play 0.02 mm available on request
5) Service life calculation with C_{dyn} 150 kN (gearbox bearing)