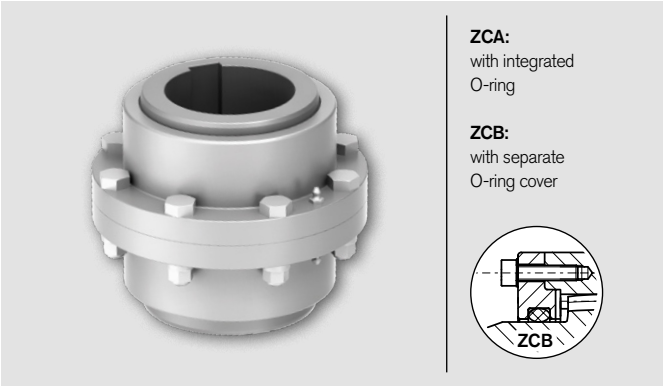
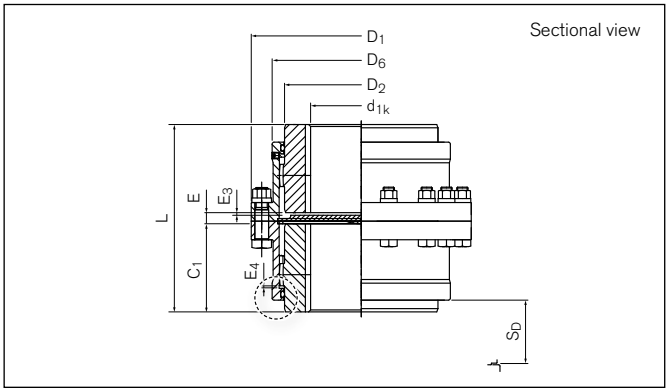
Gear Couplings
RINGFEDER® TNZ ZCAV / TNZ ZCBV
Vertical construction





Identifier		Size	T_{KN}	T_{Kmax}	n_{max}	d_{1k} min-max	d_{2k} min-max	D_1	D_2	D_6
ZCAV	ZCBV		Nm	Nm	1/min	mm	mm	mm	mm	mm
XC2606	---	69	1750	3500	6000	12 - 50	12 - 50	111	69	81,5
XC2608	---	85	2750	5500	4600	18 - 60	18 - 60	152	85	103,5
XC2610	XC3610	107	5500	11000	4200	28 - 75	28 - 75	178	107	127,5
XC2613	XC3613	133	8500	17000	4000	40 - 95	40 - 95	213	133	156
XC2615	XC3615	152	13500	27000	3850	50 - 110	50 - 110	240	152	181
XC2617	XC3617	179	22000	44000	3700	60 - 130	60 - 130	280	179	209
XC2620	XC3620	209	35000	70000	3200	70 - 155	70 - 155	318	209	245,5
XC2623	XC3623	234	43000	86000	2900	85 - 170	85 - 170	346	234	274
XC2625	XC3625	254	68000	136000	2600	95 - 190	95 - 190	389	254	307
XC2627	XC3627	279	82000	164000	2300	110 - 210	110 - 210	425	279	334,5
XC2630	XC3630	305	150000	300000	2100	120 - 230	120 - 230	457	305	366
XC2635	XC3635	355	195000	390000	1800	130 - 270	130 - 270	527	355	423

Identifier		Size	C_1	E	E_3	E_4	L	S_D	ΔK_r	ΔK_w	J	V_{GR}	Gw_{sb}
ZCAV	ZCBV		mm	mm	mm	mm	mm	mm	mm	degree	$10^{-3}kgm^2$	dm^3	kg
XC2606	---	69	43	7	1,5	1,5	93	30	0,42	2 x 0,5	4	Follow lubrication instruction	4,1
XC2608	---	85	50	8	1,5	1,5	108	37	0,51	2 x 0,5	18		8,8
XC2610	XC3610	107	62	11	1,5	1,5	135	48	0,66	2 x 0,5	40		14,8
XC2613	XC3613	133	76	12	2,5	2,5	164	56	0,77	2 x 0,5	102		25,8
XC2615	XC3615	152	90	16,5	5,5	2,5	196	70	0,99	2 x 0,5	187		37,9
XC2617	XC3617	179	105	15	3	3	225	79	1,15	2 x 0,5	407		60,2
XC2620	XC3620	209	120	18	6	3	258	92	1,33	2 x 0,5	801		89,9
XC2623	XC3623	234	135	23	9	4	293	103	1,5	2 x 0,5	1248		117,9
XC2625	XC3625	254	150	34	20	4	334	120	1,75	2 x 0,5	2370		168,2
XC2627	XC3627	279	175	36	22	4	386	136	1,99	2 x 0,5	3638		221,8
XC2630	XC3630	305	190	38	24	4	418	148	2,16	2 x 0,5	4830		269,3
XC2635	XC3635	355	220	48	32	5	488	174	2,55	2 x 0,5	10022		421,7

- Examine the load capacity of the shaft-hub connection
- Hubs pilot bored, bore diameter 2 mm smaller than smallest finish bore diameter

Distance E may not vary during operation

To continue see next page

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Explanation

T_{KN}	= Nom. Transmissible torque	D_1	= Outer diameter	L	= Total length
T_{Kmax}	= Max. transmissible torque of the coupling	D_2	= Outer diameter hub	S_D	= Disassembly Space
n_{max}	= Max. rotation speed	D_6	= Diameter	ΔK_r	= Max. permissible radial misalignment
$d_{1kmin};d_{2kmin}$	= Min. bore diameter d_1/d_2 with keyway acc. to DIN 6885-1	C_1	= Guided length in hub bore	ΔK_w	= Max. permissible angular misalignment
$d_{1kmax};d_{2kmax}$	= Max. bore diameter d_1/d_2 with keyway acc. to DIN 6885-1	E	= Gap width between left and right component	J	= Total moment of inertia
		E_3	= Gap width	V_{GR}	= Grease volume
		E_4	= Gap width	Gw_{sb}	= Weight at smallest bore diameter

Ordering example

Identifier	Size	d_{1k}	d_{2k}	Further details
XC3630	305	140	220	*

*) Without any other specification, we deliver as a standard: keyway acc. to DIN 6885-1, keyway side fit P9, bore tolerance H7; optional with set screw

Further information on
RINGFEDER® TNZ ZCAV / TNZ ZCBV
on **www.ringfeder.com**

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