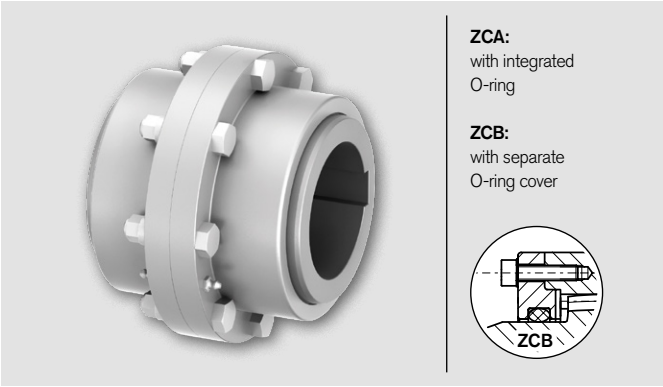
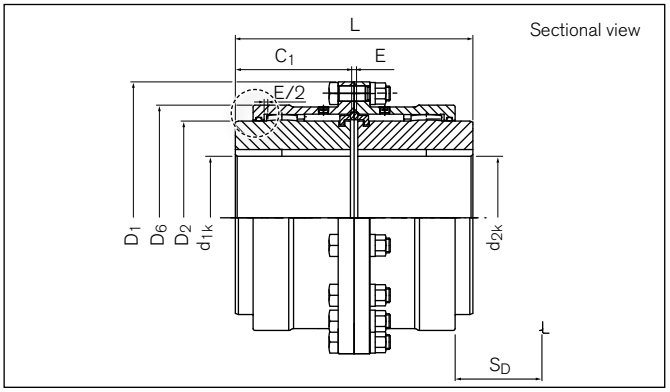
Gear Couplings
RINGFEDER® TNZ ZCAK / TNZ ZCBK
Type with limited end float



ZCA:
with integrated
O-ring

ZCB:
with separate
O-ring cover



Identifier		Size	T_{KN}	T_{Kmax}	n_{max}	d_{1k} min-max	d_{2k} min-max	D_1	D_2	D_6
ZCAK	ZCBK		Nm	Nm	1/min	mm	mm	mm	mm	mm
XC2706	---	69	1750	3500	6000	12 - 50	12 - 50	111	69	81,5
XC2708	---	85	2750	5500	4600	18 - 60	18 - 60	152	85	103,5
XC2710	XC3710	107	5500	11000	4200	28 - 75	28 - 75	178	107	127,5
XC2713	XC3713	133	8500	17000	4000	40 - 95	40 - 95	213	133	156
XC2715	XC3715	152	13500	27000	3850	50 - 110	50 - 110	240	152	181
XC2717	XC3717	179	22000	44000	3700	60 - 130	60 - 130	280	179	209
XC2720	XC3720	209	35000	70000	3200	70 - 155	70 - 155	318	209	245,5
XC2723	XC3723	234	43000	86000	2900	85 - 170	85 - 170	346	234	274
XC2725	XC3725	254	68000	136000	2600	95 - 190	95 - 190	389	254	307
XC2727	XC3727	279	82000	164000	2300	110 - 210	110 - 210	425	279	334,5
XC2730	XC3730	305	150000	300000	2100	120 - 230	120 - 230	457	305	366
XC2735	XC3735	355	195000	390000	1800	130 - 270	130 - 270	527	355	423

Limited end float adjustable depends on coupling size

Identifier		Size	C_1	E	L	S_D	J	V_{GR}	Gw_{sb}
ZCAK	ZCBK		mm	mm	mm	mm	$10^{-3}kgm^2$	dm^3	kg
XC2706	---	69	43	3	89	30	4	2 x 0,035	4,0
XC2708	---	85	50	3	103	37	18	2 x 0,040	8,4
XC2710	XC3710	107	62	3	127	48	40	2 x 0,065	14,1
XC2713	XC3713	133	76	5	157	56	102	2 x 0,110	24,8
XC2715	XC3715	152	90	5	185	70	187	2 x 0,190	36,4
XC2717	XC3717	179	105	6	216	79	407	2 x 0,290	58,0
XC2720	XC3720	209	120	6	245	92	801	2 x 0,375	87,0
XC2723	XC3723	234	135	8	278	103	1248	2 x 0,625	113,7
XC2725	XC3725	254	150	8	308	120	2370	2 x 0,960	163,1
XC2727	XC3727	279	175	8	358	136	3638	2 x 1,335	215,4
XC2730	XC3730	305	190	8	388	148	4830	2 x 1,665	261,5
XC2735	XC3735	355	220	10	450	174	10022	2 x 2,500	409,2

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

To continue see next page

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Explanation

T_{KN}	= Nom. Transmissible torque	D_1	= Outer diameter	S_D	= Disassembly Space
T_{Kmax}	= Max. transmissible torque of the coupling	D_2	= Outer diameter hub	J	= Total moment of inertia
n_{max}	= Max. rotation speed	D_6	= Diameter	V_{GR}	= Grease volume
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	Gw_{sb}	= Weight at smallest bore diameter
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		
		L	= Total length		

Ordering example

Identifier	Size	d_{1k}	d_{2k}	Further details
XC2720	209	155	155	*

*) 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 ZCAK / TNZ ZCBK
on **www.ringfeder.com**

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