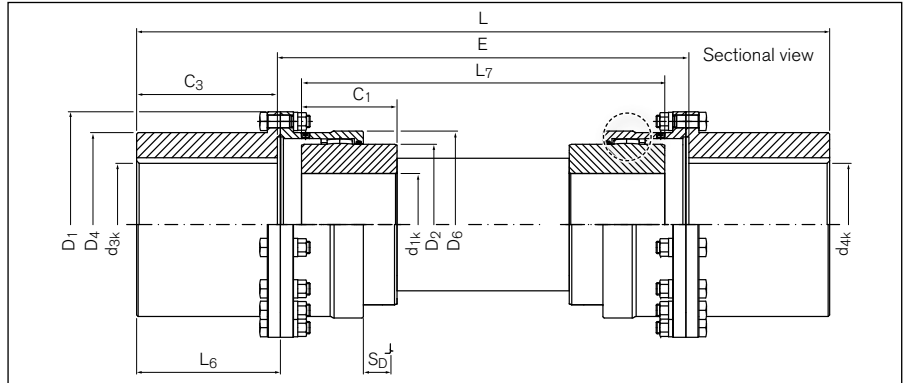
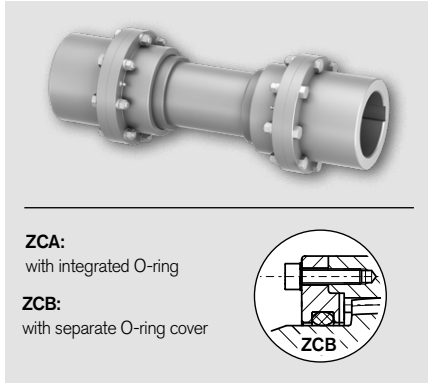


Gear Couplings

RINGFEDER® TNZ ZCAF / TNZ ZCBF

Intermediate shaft and rigid counter-flanges



Identifier		Size	T _{KN}	T _{Kmax}	n _{max}	d _{1k} min-max	d _{3k} min-max	d _{4k} min-max	D ₁	D ₂	D ₄	D ₆	C ₁	C ₃
ZCAF	ZCBF		Nm	Nm	1/min	mm	mm	mm	mm	mm	mm	mm	mm	mm
XC6106	---	69	1750	3500	On request	12 - 50	12 - 55	0 - 55	111	69	80	81,5	43	40
XC6108	---	85	2750	5500		18 - 60	18 - 75	0 - 75	152	85	103,5	103,5	50	47
XC6110	XC7110	107	5500	11000		28 - 75	28 - 95	0 - 95	178	107	126	127,5	62	58
XC6113	XC7113	133	8500	17000		40 - 95	40 - 110	0 - 110	213	133	152	156	76	74
XC6115	XC7115	152	13500	27000		50 - 110	50 - 130	0 - 130	240	152	178	181	90	87
XC6117	XC7117	179	22000	44000		60 - 130	60 - 155	55 - 155	280	179	208	209	105	101
XC6120	XC7120	209	35000	70000		70 - 155	70 - 180	65 - 180	318	209	245	245,5	120	113
XC6123	XC7123	234	43000	86000		85 - 170	85 - 200	80 - 200	346	234	270	274	135	129
XC6125	XC7125	254	68000	136000		95 - 190	95 - 230	90 - 230	389	254	305	307	150	150
XC6127	XC7127	279	82000	164000		110 - 210	110 - 250	100 - 250	425	279	330	334,5	175	175
XC6130	XC7130	305	150000	300000		120 - 230	120 - 280	120 - 280	457	305	362	366	190	190
XC6135	XC7135	355	195000	390000		130 - 270	130 - 330	150 - 330	527	355	419	423	220	220

Identifier		Size	E _{min}	L	L ₆	L _{7min}	S _D	ΔK _r	ΔK _w	J	V _{GR}	G _{Wsb}
ZCAF	ZCBF		mm	mm	mm	mm	mm	mm	degree	10 ⁻³ kgm ²	dm ³	kg
XC6106	---	69	99	179	43,5	86	30	Depends on E	2 x 0,5	Depends on E	2 x 0,035	Depends on E
XC6108	---	85	119	213	50,5	100	37		2 x 0,5		2 x 0,040	
XC6110	XC7110	107	155	271	61,5	124	48		2 x 0,5		2 x 0,065	
XC6113	XC7113	133	177	325	77,5	152	56		2 x 0,5		2 x 0,110	
XC6115	XC7115	152	229	403	90,5	180	70		2 x 0,5		2 x 0,190	
XC6117	XC7117	179	264	466	104	210	79		2 x 0,5		2 x 0,290	
XC6120	XC7120	209	304	530	116,5	240	92		2 x 0,5		2 x 0,375	
XC6123	XC7123	234	344	602	133	270	103		2 x 0,5		2 x 0,625	
XC6125	XC7125	254	400	700	154	300	120		2 x 0,5		2 x 0,960	
XC6127	XC7127	279	456	806	179	350	136		2 x 0,5		2 x 1,335	
XC6130	XC7130	305	500	880	196	380	148		2 x 0,5		2 x 1,665	
XC6135	XC7135	355	590	1040	228	440	174		2 x 0,5		2 x 2,500	

- Examine the load capacity of the shaft-hub connection
- Hubs pilot bored, bore diameter 2 mm smaller than smallest finish bore diameter, without intermediate shaft

To continue see next page

Gear Couplings RINGFEDER® TNZ ZCAF / TNZ ZCBF

Explanation

T_{KN} = Nom. Transmissible torque	D₁ = Outer diameter	L₆ = Length of basic part
T_{Kmax} = Max. transmissible torque of the coupling	D₂ = Outer diameter hub	L_{7min} = Min. length of the middle connection part
n_{max} = Max. rotation speed	D₄ = Outer diameter hub	S_D = Disassembly Space
d_{1kmin} ;	D₆ = Diameter	ΔK_r = Max. permissible radial misalignment
d_{3kmin} ;	C₁ = Guided length in hub bore	ΔK_w = Max. permissible angular misalignment
d_{4kmin} = Min. bore diameter d ₁ /d ₃ /d ₄ with keyway acc. to DIN 6885-1	C₃ = Guided length in hub bore	J = Total moment of inertia
d_{1kmax} ;	E_{min} = Min. gap width between left and right component	V_{GR} = Grease volume
d_{3kmax} ;	L = Total length	GW_{sb} = Weight at smallest bore diameter
d_{4kmax} = Max. bore diameter d ₁ /d ₃ /d ₄ with keyway acc. to DIN 6885-1		

Ordering example

Identifier	Size	d _{3k}	d _{4k}	Further details
XC6127	279	180	230	*

^{*)} 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 ZCAF / TNZ ZCBF

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