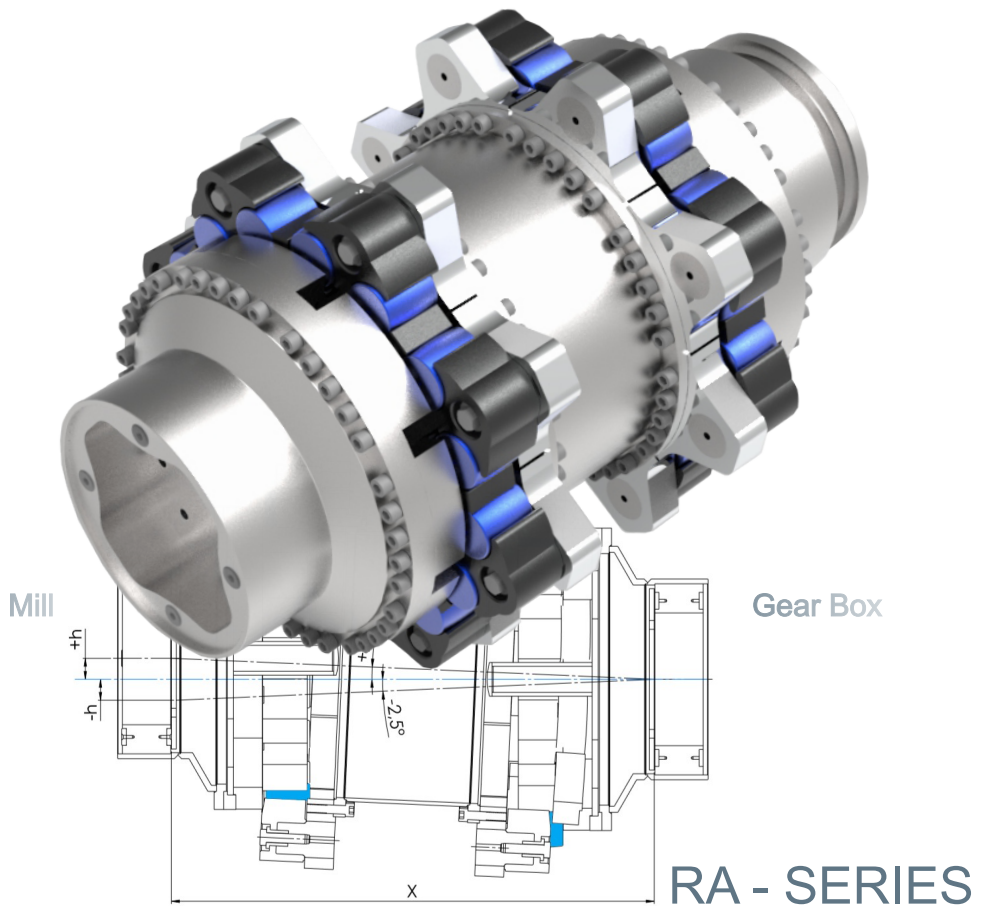


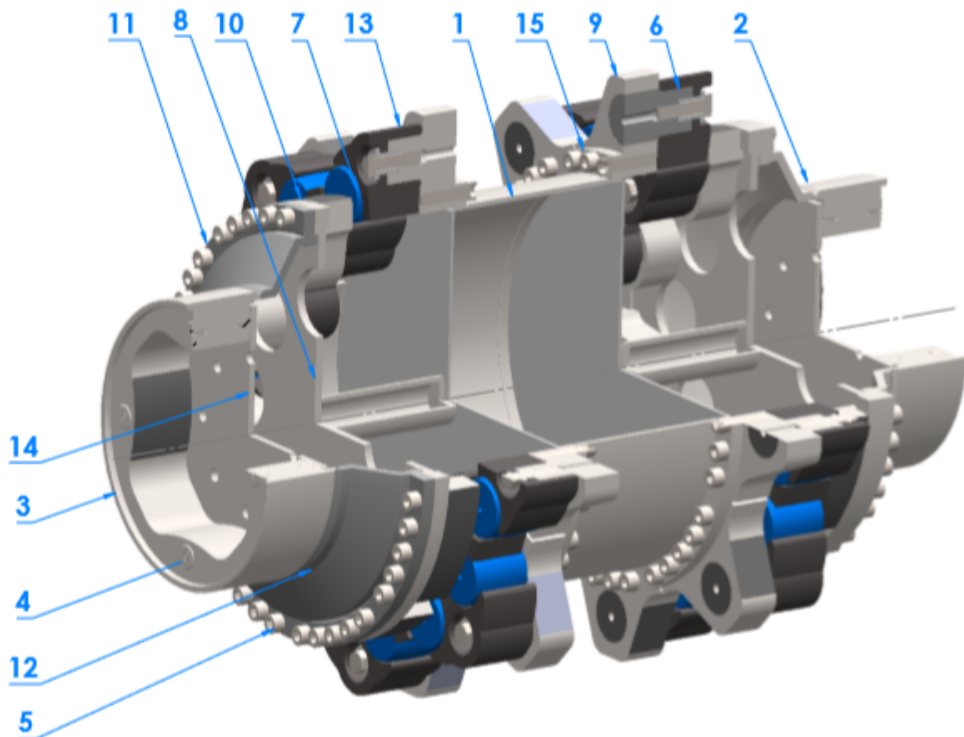
TAILFLEX

THE NEW GENERATION
SUGARCANE MILL MISALIGNMENT COUPLING



A MATBOX DESIGN

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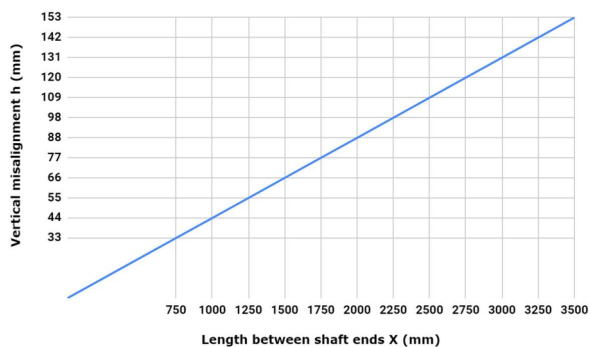


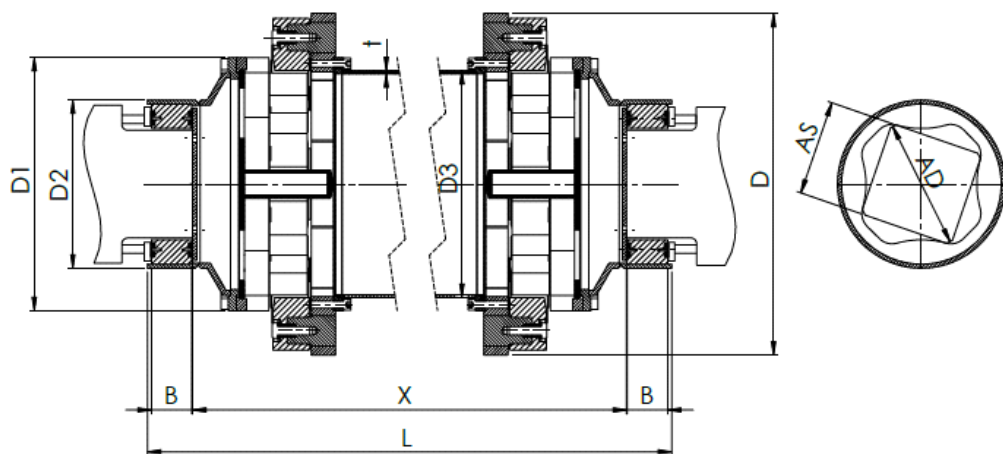
ITEM	DESIGNATION
1	Intermediate shaft
2	Mill hub
3	Gearbox hub
4	Friction pad
5	Bolts

ITEM	DESIGNATION
6	Pin
7	Barrel pin
8	Retaining plate
9	Upper pin plate
10	Middle flange

ITEM	DESIGNATION
11	Flange
12	Conic tube
13	Rocker Arm
14	Square shaft plate
15	Upper pin flange

MISALIGNMENT UNDER LOAD WITH SHAFT MAX INCLINATION $\alpha=2.5^\circ$





SIZE	TLF	RA19	RA28	RA42
NOMINAL TORQUE CAPACITY	kNm	1900	1900	4200
AD ⁽¹⁾		624	690	790
AS ⁽¹⁾		500	550	650
B ⁽¹⁾		200	280	380
D		1688	1999	2305
D1		1250	1556	1900
D2		830	925	1055
D3		1120	1370	1700
t		15	25	25
X		2000	2000	2000
L		2447	2627	2807
Weight (kg) ⁽²⁾		6405	9612	12680
Weight for extra X length of 100 mm		40	83	102

Dimensions (mm) are given as reference, and can be changed without further notice

⁽¹⁾ Maximum standard square shaft dimensions. Can be different as per installation request for square or cylindrical shafts.

⁽²⁾ For standard dimensions and X = 2000 mm

Example of designation: **TLF RA19 X2000**

TAILFLEX misalignment coupling for sugar mill **1900 kNm** with distance between square shaft ends **2000 mm**.



State-of-the-art CNC machine-based manufacturing



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