# www.rodavigo.net +34 986 288118 Servicio de Att. al Cliente

## **Table of Contents**

				4	4	4
Introduction						
Rigid Shaft Couplings	Nominal torques		Torque load		Transmissi	sion of torque
	IKN			shocks, very rough		overload holdin
	[Nm]	uniform	not uniform	operation	backlash free	fail safe
Tru-Line Flange-Couplings	2522 625000					
RFK TBO with backlash free cone clamping connection	2500 - 625 000	•••	00			
Cone Clamping Couplings RWK EEO with backlash free connection of two shaft ends	120 7600					
	130 - 7600 Nominal	00	Torque load	00	Transmissi	sion of torque
Torsionally Rigid Shaft Couplings	Nominal torques T <sub>KN</sub>		Torque toau	shocks very rough	Hdusuuss	overload holdi
	[Nm]	uniform	not uniform	shocks, very rough operation	backlash free	overload hold fail safe
Gear Couplings						
RDZ DTO with double engagement gearing	1330 - 391 500	00	00	00	0	00
RDZ DFO with single engagement gearing	1330 - 391 500	00	00	00	0	00
RDZ EEO with continuous sleeve, double engagement gearing	10 - 380	00	00		0	00
Disc Couplings						
RDL DSO with single disc pack	96 - 18700	00	00	00	00	00
RDL DSZ with double disc packs with spacer	96 - 18700	00	00	00	00	00
RDL DSA with double disc packs, design according to API 610	96 - 18700	00	00	00	00	00
Flexible Couplings	- 2222			1		1 00
RDA ESO with keyway	2-8000	00	00			00
RDA ESO with backlash free clamping connection	2 - 32	00	00		0	00
RDA ESO with mounting flange with through bores	85 - 8 0 0 0					
RDA ESO - Combination of hub designs						
RDA ESO - Example hub combination	Marsinal		Torque load		Transmiss	
Elastic Shaft Couplings	Nominal torques T <sub>KN</sub>		Torque toau	shocks, very rough	Pratistilissi	overload hold
	[Nm]	uniform	not uniform	operation operation	backlash free	fail safe
Grid Couplings						ī
RES EYO with horizontally split cover	48 - 335 500	00	00	00	0	
RES ETO with vertically split cover	48 - 169 000	00	00		0	
Pin and Bush Couplings						
REB DCO	95 - 1 299 500	00	00	00	0	00
Jaw Couplings						
REK DQO with radially mountable elastomer cushions	5300 - 169 000	00	00	00	0	00
REK DGO with enclosed elastic elements	34 - 7000	00	00	00	0	00
REK DHO with enclosed elastic elements and two piece hub	160 - 7000	00	00	00	0	00
REK DGZ with enclosed elastic elements and spacer	60 - 7000	00	00	00		00
REK DCO with curved jaws	9,6 - 3 430	00	00	00	0	00
REK ECO with curved jaws	31 - 3150	00	00	00	0	00
Shaft Coupling Technology Details						
Technical points						
Ordering information for bore in imperial dimension						
ordering information for pore in impense and a						

Issue 03/2019 – Technical details subject to change without notice  $\,$ 

## www.rodavigo.net +34 986 288118

## **RINGSPANN®**

Page																						
4																						
Page	ies with	Compli	Atex	Damping element	nditions	nbient co		Maintenance			Permissible misalignments			Installation / alignment			Bore					
	:			element							:	:		:			diameter					
	API 671	API 610	€x>		aggres-	zardous		wea	low	froo	angular	radial	axial	flexible	rigid / roughly	rigid /	[mm]					
	AFIO/I	AFIOIO			sive	zardous	5   1	par	low	free	angular	Taulai	axiai	HEXIDIE	Toughly	excellent	[mm]					
6					*	1		T	1	00							25 - 350					
					^												23-330					
8					*			1		00							14 - 100					
Page	ios with	Compli	Atex	Damping		nbient co		-0	Maintenand		nments	ible misalie	Dormics	ament	ation / align		Bore					
raye	ies with	Compile	Alex	Damping element	HUILIOHS	iibieiit co		Le	viairiteriarit		ible misalignments		Permissible misalignments		remiss	/ alignment Per		IIIStali	diameter			
			€x>		aggres-			wea		,					rigid / roughly	rigid /	, .					
	API 671	API 610	(EX)		sive	zardous	s h	par	low	free	angular	radial	axial	flexible	roughly	excellent	[mm]					
4.5						,		1									4					
10					*	*		-	00		00		00	00	0	00	15 - 330					
12					*	*					00		00	0	0	00	15 - 405					
14						*		<u> </u>				00			0	0	6 - 65					
40						1											40 6					
18					*	*		0	0	*	00		00	0	0	00	10 - 165					
20					*	*		0	0	*	00	00	00	00	0	00	10 - 165					
22		00			*	*		0	0	*	00	00		00	0	00	8 - 255					
	: 1								1				ı									
24						*		-		00	00	00		00	00	00	5 - 140					
26						*		-		00	00	00		00	00	00	5 - 35					
28						*		<u> </u>									-					
30																						
31																						-
Page	25 With	Compli	Atex	Damping element	Ambient conditions		nt conditions	- 1	ce	Maintenand		inments	ible misalig	Permiss	nment	ation / aligr	Install	Bore diameter				
					aggres-		r	wea							rigid /	rigid /						
	API 671	API 610	€x>		sive	zardous	s h	par	low	free	angular	radial	axial	flexible	rigid / roughly	excellent	[mm]					
	<u> </u>	l :				- 1																
32				00	*	*		0	0	0	00	00	00	0	0	00	18 - 420					
34					*	*		0	0	0	00	00		0	0	00	18 - 360					
26																	15 600					
36					*			0	0					0			15 - 600					
40			00														20 240					
40			00	00	*		_	0	0		00	00	00	0	0	00	30 - 340					
44			00	00	*		_		0		00	00	00	0	0	00	9 - 100					
48			00	00	*			0	0		00	00	00	0	0	00	14 - 100					
52 56			00	00	*			6	0		00	00	00	0	0	00	9-100					
			00	00	*				0		00	00	00	0	0	00	6-110					
62			00	00	*				0		00	00	00	0	0	00	10 - 115					
Page																						
64																						
64 68 70																						

onditionally suitable, conditionally applicable

true, well suited

Key

## **RINGSPANN®**

