

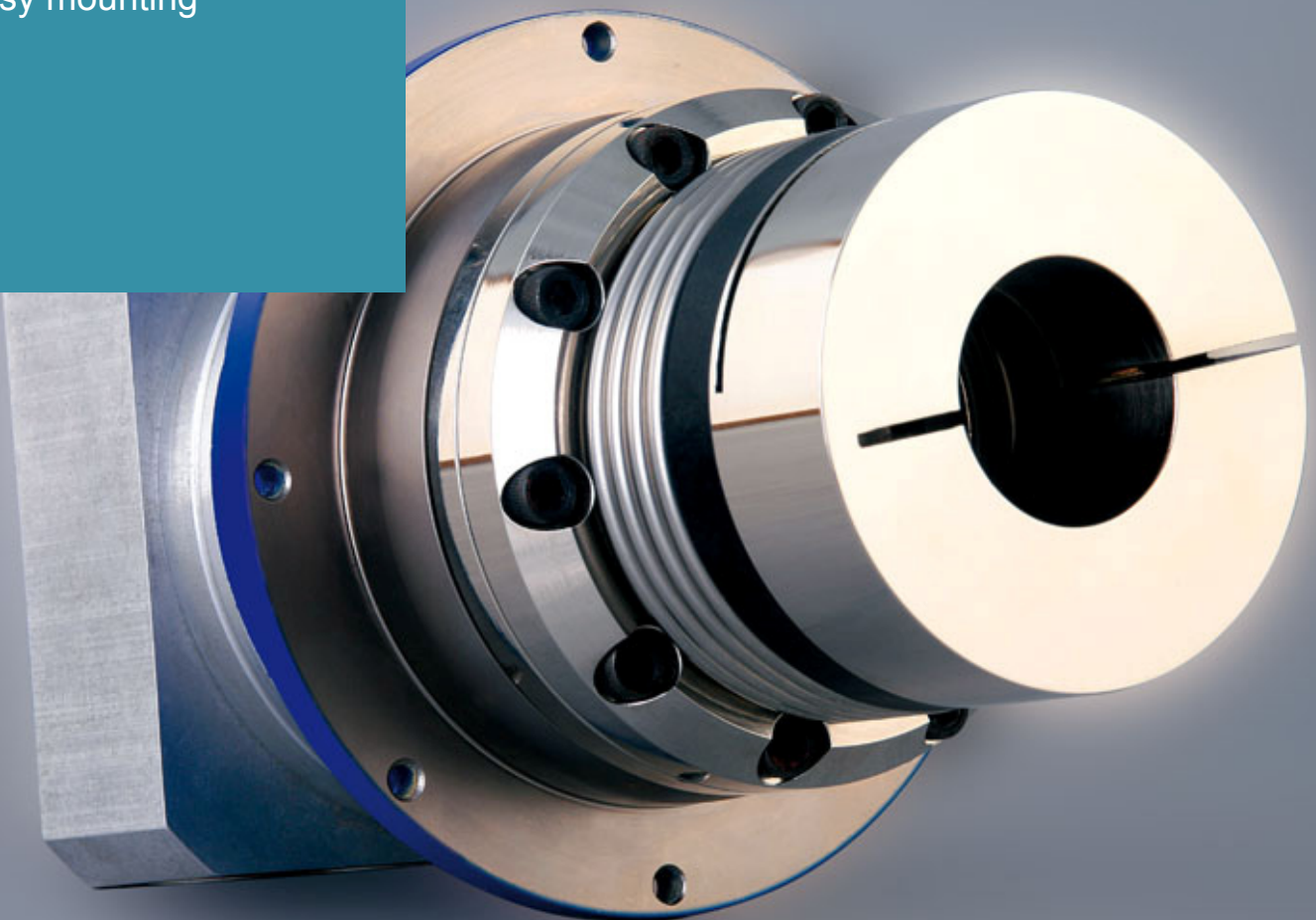


WITTENSTEIN

zero backlash
easy mounting

Servo Couplings

Bellow, Elastomer and Safety Couplings
from WITTENSTEIN



Servo Couplings

Compact and Maintenance-free for Long Lifespan



Features

- Compact
- Zero backlash
- High torsional stiffness
- Exact transmission of motion and torque
- Wear and maintenance free
- Balanced for high speeds
- Easy mounting and dismounting
- Compensation for axial, lateral and angular shaft misalignment

With multiple mounting possibilities, easy installation and low-backlash, our selection provides a perfect fit for whatever your application.

EC2 – Bellows Coupling



- **High Torsional Stiffness** (Best for Highly Dynamic Applications)
- Highly flexible stainless steel for **axial, lateral and angular misalignment**
- Easy Mounting
- **Zero-Backlash**

XC2 – Elastomer Coupling



- **Vibration Dampening**
- Highly customizable through **elastomeric inserts** with different hardness
- **Electrically Insulating**
- **Zero-Backlash**

TL1 / TL2 – Safety Coupling



- Fully adjustable **disengagement** range to help protect motion components
- **Single- or multi-position** disengagement for various applications
- **Pulley Version** Available
- **Zero-Backlash**

EC2 - Bellows Coupling		Series																			
		2		4.5		10		15		30		60		80		150		300		500	
Length options		A	A	A	A	A	A	A	A	A	A	A	A	A	B	A	B	A	B	A	B
Rated torque	TKN NM	2	4.5	10	15	30	60	80	150	300	500										
		18	40	89	133	266	531	708	1328	2655	4425										
Overall length	mm	30	40	44	58	68	79	92	92	109	114										
Outer diameter	mm	25	32	40	49	56	66	82	82	110	123										

XC2 - Elastomer		Series																										
		2			5			10			20			60			150			300			450			800		
Type (insert)		A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C			
Rated torque	TKN NM	2	2.4	0.5	9	12	2	12.5	16	4	17	21	6	60	75	20	160	200	42	325	405	84	530	660	95	950	1100	240
Max. torque	TKmax NM	4	4.8	1	18	24	4	25	32	6	34	42	12	120	150	35	320	400	85	650	810	170	1060	1350	190	1900	2150	400
Overall length	mm	20			26			32			50			58			62			86			94			123		

More products and further technical details can be found online at www.wittenstein-us.com.