

MAX DYNAMIC[®] COUPLING



MAX DYNAMIC® COUPLING

Since 1999, WooJin Industry co. has developed and manufactured Polyurethane flexible coupling exclusively in Korea and supply Standard and Spacer type of the coupling through our overseas business division, FNC TRADING CO., LTD. from 2004.

Thanks to our efforts to improve quality and to support customers and market requirements, we succeeded to develop "HS" type and "HT" type newly.

The MAX DYNAMIC® HS coupling (blue) is specifically designed for hot and humid conditions and HT coupling (red) torque ratings is about 30% higher and torsional stiffness is 45% higher than standard coupling.

The MAX DYNAMIC® coupling is a unique general purpose Elastomeric coupling with Split-In- Half element and interchangeable with Hubs suitable for reducing total cost by reducing inventory and assembly time.

To improve productivity and efficiency in power transmission process, MAX DYNAMIC® coupling will provide superior products for your industrial applications. We , WOOJIN Industry co. and FNC TRADING CO., LTD are ready to work for customers to save and reduce maintenance cost, installation cost, and time.

We have CE ATEX certificate (II2GD c T5) for HS and HT coupling to meet customers' various applications and requirements.



MAX DYNAMIC[®] COUPLING



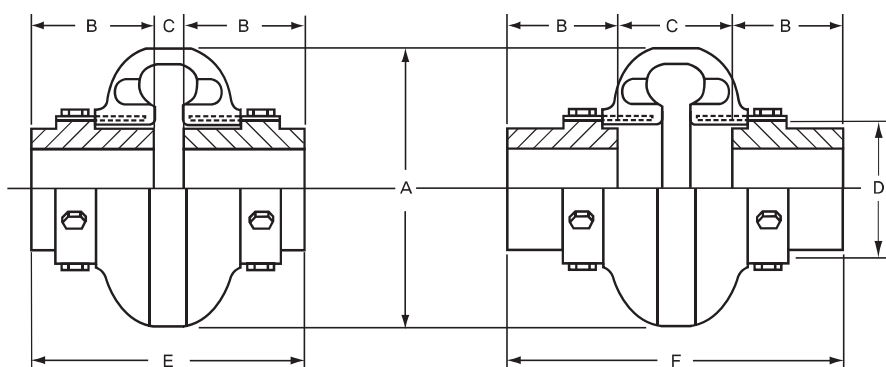
■ Characteristics of MAX DYNAMIC[®] Coupling

1. Facility protection for whirl, twist, impact, and abrasion.
2. Very simple replacement and maintenance without any oil or grease.
3. Very simple replacement without the separation of motor or connector on the related line due to its simple structure.
4. Possible for the dissimilar connection and assembly with the same hub.
5. Polyurethane based for good water and chemical resistance.
6. Highest flexible elasticity on run.
7. Less noise.

■ Application

- | | | |
|-------------------|------------------------|------------------------|
| ■ AGITATOR | ■ FANS | ■ PULP & PAPER MILL |
| ■ BLOWER | ■ GENERATORS | ■ RUBBER INDUSTRY |
| ■ COMPRESSOR | ■ PUMP | ■ STEEL INDUSTRY |
| ■ CONVEYORS | ■ BREWERY & DISTILLING | ■ TEXTILE MILLS |
| ■ CRANES & HOISTS | ■ FOOD INDUSTRY | ■ AGGREGATE PROCESSING |
| ■ ELEVATORS | ■ LUMBER INDUSTRY | CEMENT |

MAX DYNAMIC® STANDARD coupling



MAX DYNAMIC® COUPLING NO.	Torque (N.m)	Max. Bore (mm)	Max. rpm	Power Rating (kw/rpm)	Dimensions in mm							Weight (kg)	
					A	B	C		D	E	F	Element only	*SSH only
					out dia	hub length	Min. shaft spacing	Max. shaft spacing	hub dia	Total Length			
										in	out		
D-2	21.58	28	7,500	0.0023	89	24	35	47	47	83	95	0.34	0.52
D-3	41.20	34	7,500	0.0043	102	37	9	47	59	83	121	0.42	1.27
D-4	62.78	42	7,500	0.0066	116	37	9	47	66	83	121	0.47	1.66
D-5	107.91	48	7,500	0.0110	137	45	10	52	80	100	142	0.85	3.23
D-10	163.83	55	7,500	0.0170	162	45	11	53	93	101	143	1.15	4.30
D-20	261.93	60	6,600	0.0270	184	50	15	63	114	115	163	1.61	6.86
D-30	413.00	75	5,800	0.0430	210	56	12	68	138	124	180	2.42	10.58
D-40	621.95	85	5,000	0.0660	241	61	12	74	168	134	196	3.08	17.20
D-50	865.24	90	4,200	0.0900	279	69	12	86	207	150	224	4.09	24.24
D-60	1,412.64	105	3,800	0.1480	318	80	11	99	222	171	259	6.67	32.72
D-70	2,491.74	120	3,600	0.2620	356	85	18	109	235	189	281	8.64	38.47
D-80	4,463.55	155	2,000	0.4670	406	114	17	149	286	245	377	13.15	89.65
D-100	9,613.80	171	1,900	1.0000	533	140	44	95	359	324	375	29.50	154.50
D-120	19,237.41	190	1,800	2.0000	635	152	57	124	448	362	429	49.00	234.00

*SSH : Straight Standard Hub (No Keyway, Not Bored)