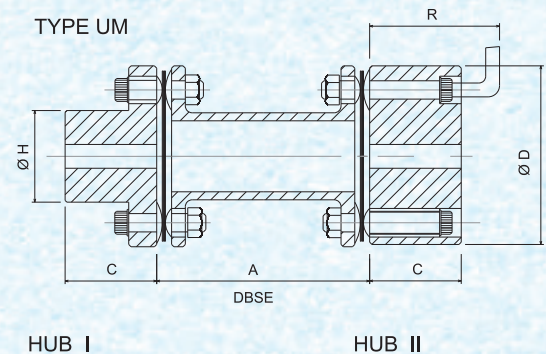


## UMS Type



### Special Features "UMS" Metal Flex Coupling:

- Power to weight ratio HIGH
- Spacer makes installation EASY
- Accommodates parallel, angular and axial misalignments.
- High Temperature application
- Flexible membranes replaceable.
- Visual inspection is possible without dismantling equipments.
- Inherently balanced.
- Low axial stiffness with high torsional rigidity.
- Zero backlash.
- High-speed capacity.
- High precision standard.
- Spacer lengths, adaptors, material can be modified as per customer's special requirements.

## Technical Data - UMS

SIZE	TORQUE NM	KW AT 100 RPM	MAX SPEED RPM	BORE			STD DBSE "A"	C	Ø D	Ø H	R	WEIGHT IN KG APPROX		M.I. (WR <sup>2</sup> ) IN KGM <sup>2</sup> APPROX		TORSIONAL STIFFNESS Nm / Radian Approx.
				MIN	MAX							Min Std.: "A"	Per Mtr Extra "A"	Min Std.: "A"	Per Mtr Extra "A"	
					HUB I	HUB II										
5	33	0.35	7500	8	20	22	100	25	55	30	65	0.70	2.00	0.0002	0.0003	0.016
10	64	0.67	7500	10	22	25	140	30	63	35	75	1.10	2.30	0.0003	0.0004	0.031
35	160	1.67	7000	12	30	38		40	82	45	85	2.45	2.41	0.0017	0.00047	0.025
95	515	5.4	6000	17	40	50	100	45	102	57	95	4.50	3.20	0.004	0.001	0.04
170	860	9	5200	17	52	70	140	55	128	77	110	8.30	7.00	0.012	0.005	0.099
220	1337	14	4800	22	65	80	180	60	146	94	120	11.80	8.40	0.036	0.008	0.176
400	2388	25	4400	27	80	100		70	176	115	140	19.50	13.10	0.070	0.0200	0.305
520	3342	35	4200	32	90	115	140	90	197	132	170	29.30	12.22	0.130	0.0355	0.432
1000	5060	53	4000	42	105	130	250	95	225	147	165	43.00	19.62	0.240	0.0541	0.60
1300	7161	75	3800	47	115	140	180	105	250	162	195	62.00	27.10	0.500	0.0700	0.80
2000	10025	105	3700	52	120	155	250	115	275	178	195	81.00	36.30	0.660	0.1486	1.50
2500	13367	140	3600	62	135	165	300	130	300	190	235	107.00	42.80	1.000	0.1000	1.40