

# NSS Models

COUPLINGS

ETP BUSHINGS

ELECTROMAGNETIC CLUTCHES & BRAKES

SPEED CHANGERS & REDUCERS

INVERTERS

LINEAR SHAFT DRIVES

TORQUE LIMITERS

ROSTA

SERIES

- Metal Disc Couplings  
**SERVOFLEX**
- High-rigidity Couplings  
**SERVORIGID**
- Metal Slit Couplings  
**HELI-CAL**
- Metal Coil Spring Couplings  
**BAUMANNFLEX**
- Pin Bushing Couplings  
**PARAFLEX**
- Link Couplings**  
**SCHMIDT**
- Dual Rubber Couplings  
**STEPFLEX**
- Jaw Couplings  
**MIKI PULLEY STARFLEX**
- Jaw Couplings  
**SPRFLEX**
- Plastic Bellows Couplings  
**BELLOWFLEX**
- Rubber and Plastic Couplings  
**CENTAFLEX**

MODELS

NSS

DL

## Specifications

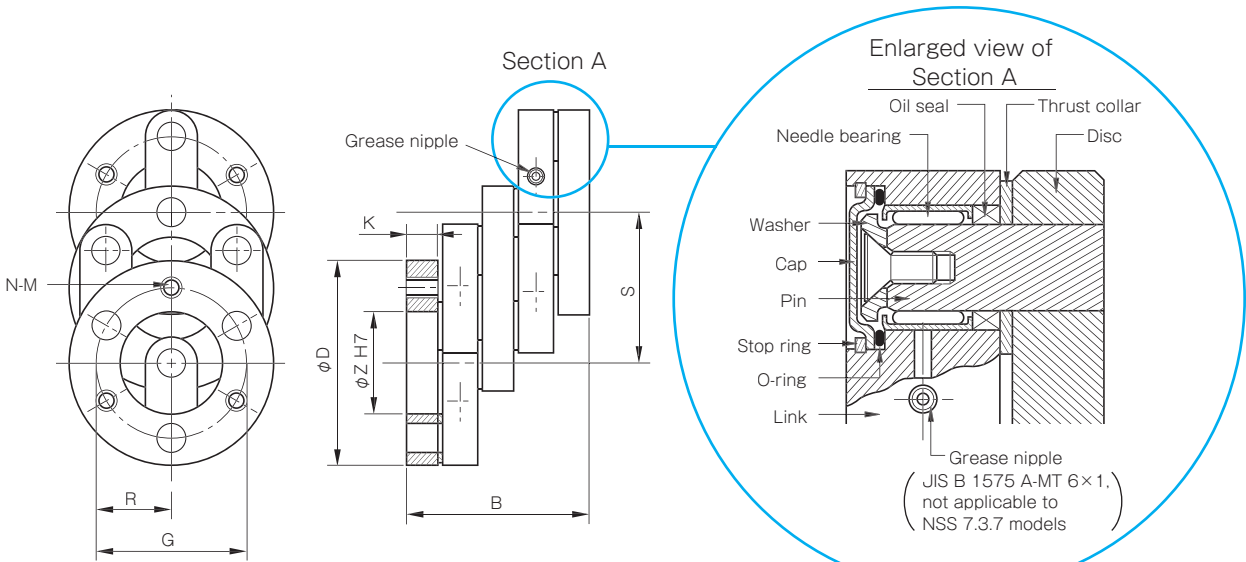
Model	No. of links	Parallel misalignment			Torque		Max. rotation speed [min <sup>-1</sup> ]	Bearing basic load [N] C	Pin pitch = Radius of the circle [m] R	Moment of inertia [kg·m <sup>2</sup> ]	Mass [kg]
		Min. [mm] S × 0.25	Max. [mm] S × 0.95	Linear Max. [mm]	Nominal [N·m]	Max. [N·m]					
NSS 7.3.7	3 × 2	9	34	65	49	137	3000	3870	0.024	9.03 × 10 <sup>-4</sup>	1.3
NSS 7.7.9	3 × 2	18	66	128	68	196	2500	3870	0.035	2.69 × 10 <sup>-3</sup>	1.9
NSS 10.9.12	3 × 2	23	85	165	196	600	2000	8920	0.045	1.15 × 10 <sup>-2</sup>	4.9
NSS 13.9.14	3 × 2	23	85	165	350	1060	1800	14120	0.050	2.80 × 10 <sup>-2</sup>	10.4
NSS 16.10.16	3 × 2	25	95	183	640	1850	1500	21570	0.057	5.80 × 10 <sup>-2</sup>	15.7
NSS 20.9.20	3 × 2	23	85	165	1180	3470	1000	30890	0.075	1.61 × 10 <sup>-1</sup>	27
NSS 20.9.20/4	4 × 2	23	85	165	1370	4170	600	30890	0.075	1.80 × 10 <sup>-1</sup>	30
NSS 20.9.23/5	5 × 2	23	85	165	2060	6280	500	30890	0.090	3.08 × 10 <sup>-1</sup>	35
NSS 20.9.25/6	6 × 2	23	85	165	2750	8340	460	30890	0.100	4.48 × 10 <sup>-1</sup>	43
NSS 20.9.33/8	8 × 2	23	85	165	5200	15700	300	30890	0.140	1.19	59
NSS 20.9.39/10	10 × 2	23	85	165	7850	23500	250	30890	0.170	2.25	79

\* If the number of links is not 3 × 2, the part must be made to order.

\* Max. rotation speed does not take into account dynamic balance.

\* Select NSS model SCHMIDT couplings as guided by the design checklist on P.112-115, with due consideration to service life.

## Dimensions



Model	D	B	S	Z	G	N	M	K
NSS 7.3.7	70	74	36	25	48	3	M10	10
NSS 7.7.9	92	74	70	45	70	3	M10	10
NSS 10.9.12	120	101	90	50	90	3	M12	15
NSS 13.9.14	140	134	90	55	100	3	M16	22
NSS 16.10.16	160	155	100	60	115	3	M16	25
NSS 20.9.20	200	196	90	80	150	3	M20	30
NSS 20.9.20/4	200	196	90	80	150	4	M20	30
NSS 20.9.23/5	230	196	90	120	180	5	M20	30
NSS 20.9.25/6	250	196	90	120	200	6	M20	30
NSS 20.9.33/8	330	196	90	210	280	8	M20	30
NSS 20.9.39/10	390	196	90	250	340	10	M20	30

Unit [mm]

### How to Place an Order

