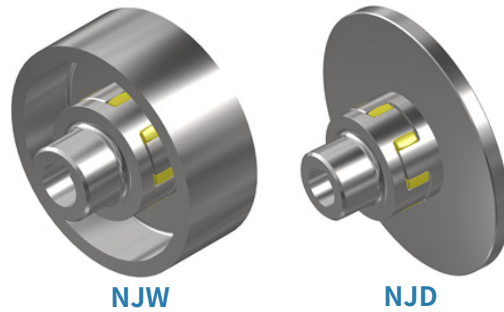


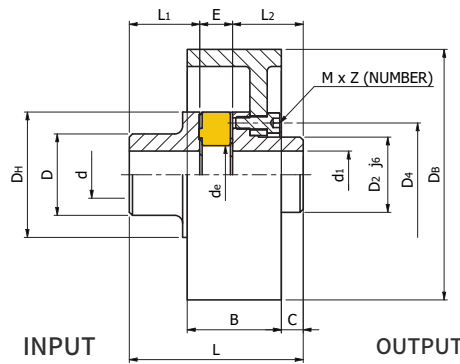
## NJW type (Drum) / NJD type (Disc)

### Features

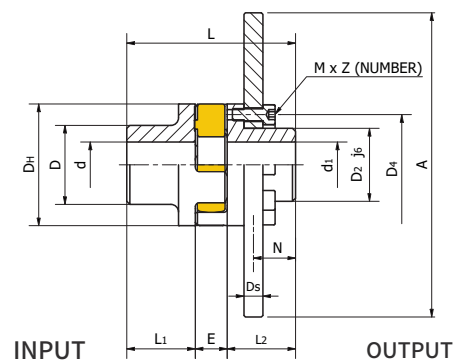


- Two types of the coupling: NJW type with brake drum and NJD type with brake disc.
- The hub where the brake drum or brake disc is mounted must be assembled on the driven shaft.
- The maximum brake torque must not exceed the rated torque of the coupling.
- Refer to the below table for the combination of brake drum disc and coupling specifications.

### Dimensions



BRAKE DRUM TYPE(NJW)



BRAKE DISC TYPE(NJD)

NJW, NJD														
Size	Dimensions(mm)												Without drum/disc	
	D <sub>H</sub>	D	Max bore D	Max Inner bore D <sub>1</sub>	d <sub>e</sub>	E	D <sub>2</sub>	D <sub>4</sub>	L <sub>1</sub> , L <sub>2</sub>	L	M	Z	Mass(kg)	Moment of inertia(kg <sup>m</sup> )
45	80	70	45	34	37	24	50	66	45	114	M8	8	2.1	0.0014
55	95	80	55	42	45	26	60	80	50	126	M8	12	3.24	0.0031
60	105	90	60	48	51	28	68	90	56	140	M8	12	4.41	0.0053
75	135	120	75	65	67	35	92	116	75	185	M10	12	15.4	0.0442
90	160	140	90	75	82	40	106	136	85	210	M12	15	27.6	0.1224
100	200	160	100	100	104	45	140	172	100	245	M16	15	36.9	0.2074
115	225	180	110	100	113	50	156	195	110	270	M16	15	50.9	0.3665
125	255	200	120	110	127	55	176	218	120	295	M20	15	79.1	0.7349
145	290	230	145	130	147	60	204	252	140	340	M20	15	109	1.2292

Brake drum D <sub>B</sub> × B	NJW Type										NJD Type														
	Dimensions C										Mass (kg)	Moment of inertia (kg <sup>m</sup> )	Brake disc A × D <sub>5</sub>	Dimensions N										Mass (kg)	Moment of inertia (kg <sup>m</sup> )
45	55	60	75	90	100	115	125	145	Max. Speed (rpm)	45				55	60	75	90	100	115	125	145	Max. Speed (rpm)			
160×60	14									3,550	2.12	0.01	200×12.5	31.3									3,550	2.928	0.015
200×75	9	12	17							2,800	3.45	0.03	250×12.5	31.3	34.3	39.3					2,800	4.662	0.038		
250×95	1	4	9	25	33					2,240	6.87	0.08	315×16	32.5 37.5 53.5 61.5							2,240	8.618	0.112		
315×118	-5 0		16	24	36					1,800	15	0.28	400×16	37.5 53.5 61.5 73.5 81.5 88.5							1,800	15.23	0.315		
400×150	-18 -13		3	11	23	31	38			1,400	31.2	0.89	500×16	53.5 61.5 73.5 81.5 88.5 105							1,400	23.96	0.77		
500×190	-12 -4			8	16	23	39			1,120	60	2.7	630×20	51.5 59.5 71.5 79.5 86.5 103							1,120	47.72	2.426		
630×236	-22 -10				-2	5	21			900	112	8.01	710×20	51.5 59.5 71.5 79.5 86.5 103							900	60.93	3.915		
710×265	-13 -6					10			800	161	14.9	800×25	69 77 84 100							800	94.91	7.879			
800×300	-4						710			202	27.2	900×25	84 100							710	119	12.61			

1. For other sizes not on the table, contact NARA.
2. The final inner bore is per ISO fit H7
3. Mass and moment of inertia are values without bore's machining.
4. Refer to NJ type for rated and max. torque.