



- installation and usage -

1. The tolerance of the sprocket, gear or pulley bore and outer race shall be H7 or H8. The recommendable tolerance of shaft is h6 or h7.
2. Usage of parallel keyways between outer race and sprocket, gear or pulley as well as clutch and shaft, is compulsory.
3. When installing the clutch on the shaft, apply pressure only on the inner race.
4. If thrust loads are encountered, other devices which release loads should be applied.
5. When installing a pulley where the radial load is bigger than the max. given load of the clutch, we recommend the use of lateral bearings. See installation figure 2 and refer to column N (*).
6. In arduous environments it is recommended to use MDEU-2GD Series, which have dust seals, in order to prevent contamination. The maximum overrunning speed of 2GD Series is 80% of the standard MDEU Series.

Model	Torque capacity N-m	Max. overrunning speed inner race r/min	Max. indexing cycle/min	Max. radial load when overrunning N(*)	Bore size H7	Keyway inner race										Keyway outer race	Weight kg
							A	B	C	D	E	F	G	H	I		
MDEU15	70	600	100	610	15	5x2.3	39	55	37	25	42	1.0	30	3.5	0.5	5x3.0	0.52
MDEU20	150	500	100	910	20	6x2.8	42	68	40	32	52	1.0	33	3.5	0.5	6x3.5	0.88
MDEU25	230	450	100	1,060	25	8x3.3	42	80	40	40	65	1.0	33	3.5	0.5	8x4.0	1.1
MDEU30	390	400	100	1,400	30	8x3.3	50	90	48	45	72	1.0	36	6.0	1.0	8x4.0	1.7
MDEU35	460	350	100	1,500	35	10x3.3	50	100	48	50	80	1.0	36	6.0	1.0	10x5.0	2.1
MDEU40	530	350	100	1,580	40	12x3.3	50	110	48	55	78	1.0	36	6.0	1.0	12x5.0	2.7
MDEU45	690	300	100	1,770	45	14x3.8	50	120	48	65	88	1.0	36	6.0	1.0	14x5.5	3.2
MDEU50	870	300	100	1,880	50	14x3.8	50	130	48	70	95	1.0	36	6.0	1.0	14x5.5	3.8
MDEU55	1,100	250	100	2,850	55	16x4.3	60	140	58	80	105	1.0	46	6.0	1.0	16x6.0	5.3
MDEU60	1,500	250	100	3,060	60	18x4.4	60	150	58	90	115	1.0	46	6.0	1.0	18x7.0	6.1
MDEU70	1,900	200	100	3,470	70	20x4.9	60	170	58	100	125	1.0	46	6.0	1.0	20x7.5	7.9
MDEU80	2,300	200	100	3,600	80	22x5.4	60	190	58	110	140	1.0	46	6.0	1.0	22x9.0	9.7

For more information please contact:

TSUBAKIMOTO EUROPE B.V. - Belder 1 - NL 4704 RK Roosendaal - The Netherlands
Tel. +31 (0)165 59 48 00 - Fax +31 (0)165 54 94 50 - Email info@tsubaki.nl - Internet http://tsubaki.nl



CCMDEU002023 E 2005.03 TEU Printed in the Netherlands B 2,000



New!

Economical package solutions

No bearings nor flanges required

Easy installation

**CAM CLUTCHES
MDEU SERIES**



TSUBAKI EMERSON