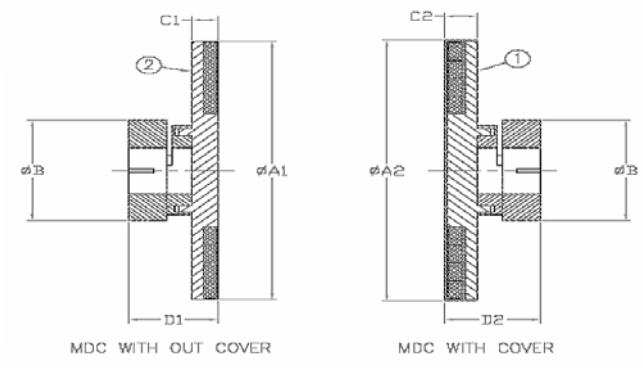
MDC SERIES
DISC TYPE

PERMANENT- MAGNET SYNCHRONOUS COUPLING

ORDER CODE: MDC 2 — 10H7 — 25H7 — XX

- Type
- Size(Nm)
- Bore D1
- Bore D2
- Keyways,material,etc



DIMENSIONS (mm):

Type MDC	ØA1	ØA2	ØB	C1	C2	D1	D2
MDC 2	84	85.5	45.1	9.5	10.3	29.1	30.0
MDC 10	100	101.6	45.1	9.3	10.6	28.8	30.0
MDC 20	124	125.7	56.0	9.5	12.3	34.1	37.0
MDC 30	144	145.8	56.0	10.3	13.0	35.0	37.4

TECHNICAL DATA:

Type MDC	Moment of Inertia (10^{-3}kgm^2) w/o cover	Moment of Inertia (10^{-3}kgm^2) w/ cover	Overload Torque (Nm)	Max. Operating Speed (rpm)	Mass (kg)	Torque to Tighten Clamps (Nm)
MDC 2	0.77	0.80	2	1750	0.3	2
MDC 10	0.82	0.85	10	1750	0.7	6
MDC 20	1.01	1.04	20	1750	1.2	8
MDC 30	1.07	1.10	30	1750	1.6	12

1) Samarium Cobalt (SmCo) magnets available for higher temperature applications, up to 300°C.
2) Standard models made of stainless steel.
3) In the case of bores of less than D_{min}, transmission of nominal torque Mn of the clutch is no longer guaranteed. Versions with bores of less than D_{min} can be supplied. All hub bores are supplied in accordance with customer specifications to quality of fit H7.
4) Keyways according to standard DIN 6885 or American on request. Clearance of keyway, standard JS 9. Keyways are not required.