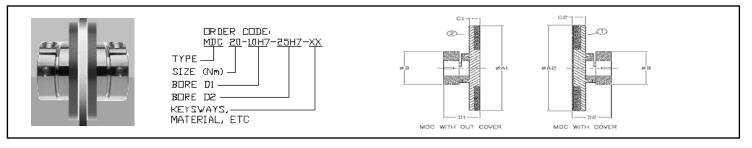
MDC SERIES DISC TYPE PERMANENT - MAGNET SYNCHRONOUS COUPLING



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 w/o cover (10 ⁻³ kgm ²) | w/cover | Overload Torque @ 6mm air gap (Nm) ⁵⁾ | Mass (kg) | Torque to Tighten Clamps (Nm) |
|----------|--|---------|--|--------------|-------------------------------------|
| MDC 2 | 0.77 | 0.80 | 2 | 0.3 | 2 |
| MDC 10 | 0.82 | 0.85 | 10 | 0.7 | 6 |
| MDC 20 | 1.01 | 1.04 | 15 | 1.2 | 8 |
| MDC 30 | 1.07 | 1.10 | 25 | 1.6 | 12 |

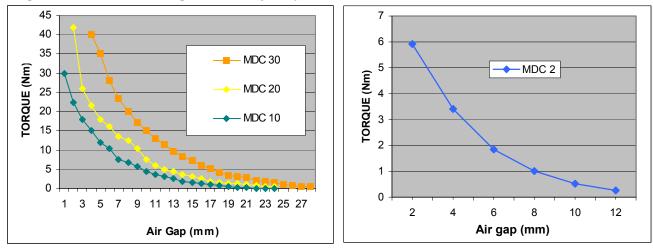
1) Maximum operating temperature for standard models is 110°C, however, for higher temperature applications, up to 300°C, Somarium Cobalt (SmCo) magnets are available.

2) Standard models made of low carbon steel. Stainless steel option is available.

3) In the case of bores of less than D_{min} , transmission of nominal torque Nm 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 necessary.

5) Torque values lower with cover please consult factory.





211 S. Lombard Road, Addison, IL 60101, USA E-mail: help@RimtecCorporation.com

Toll Free 877-4RIMTEC (877-474-6832) T. 630.628.0036 • F. 630.628.0041