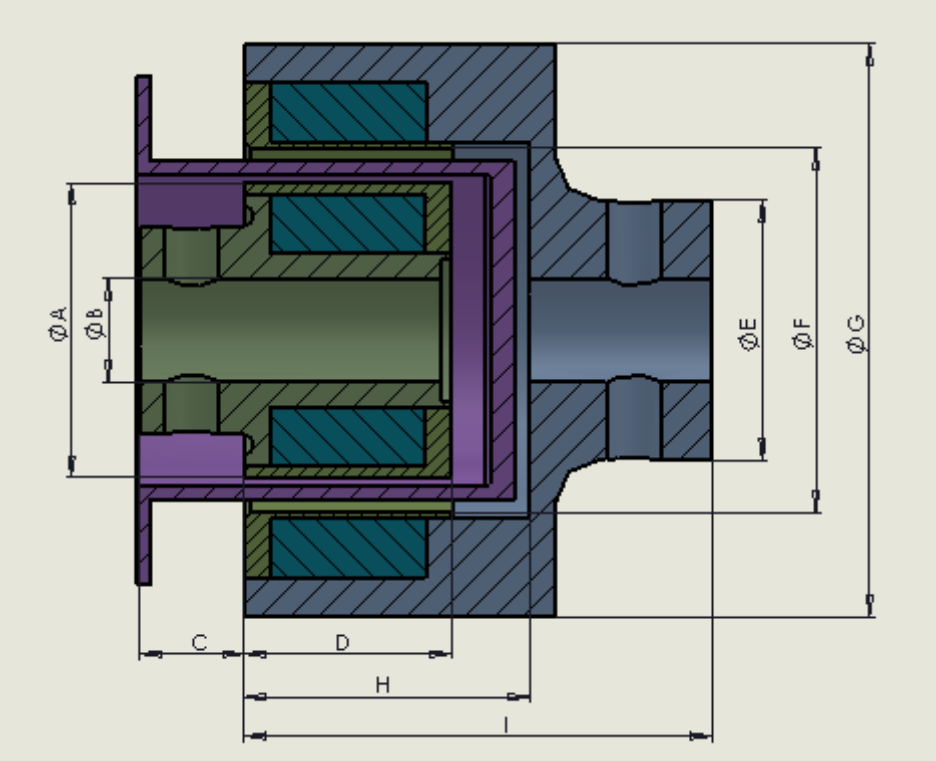
NEWLAND

技术规范
Technical Specification

NMCA (Newland Magnetic Coupling A type) Techincal and Assembly Data

Orignal Date: 2015.03
Updated Date: 2015.03



Type	Torque N.m Max	Over Load Torque N.m	Inner Rotor (mm)				Outer Rotor (mm)				
			A	B	C	D	E	F	G	H	I
ZMCA0.1	0.1	0.15	12.7	4	7	12	6	17.5	26	19	27
ZMCA0.2	0.2	0.3	18	6	8	15	8	23	35	20	32
ZMCA0.3	0.3	0.45	22	8	8	16	8	28	44	22	36
ZMCA1.0	1.0	1.5	28	10	12	20	10	35	52	28	44
ZMCA3.0	3.0	4.5	35	12	16	25	12	43	60	35	55
ZMCA10.0	10.0	15	58	16	20	35	20	66	90	50	80

Remarks:

1. Air gap Lg=(F-A)/2=4-7mm or can be designed in accordance to customer's requirements;
2. Working temperature: NdFeB≤150℃, SmCo≤350℃;
3. The inertia balance grade for inner and outer rotor is G6.3;
4. Material: Inner rotor: Stainless steel 316/316L,
   Outer rotor: Carbon steel (Zn or black coating),
   Sealing can: Stainless steel316/316L,
   Flange: Carbon steel (Zn or black coating);

   Other material: Stainless steel 304/316/316L/430F, Hastelloy C276, B2, C2000, Titanium alloy Ta, Tb, Tc4 etc…;

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5. Pressure bearing of sealing can: 1-4Mpa;

The construction, dimension can be designed and made according to customer's requirements.