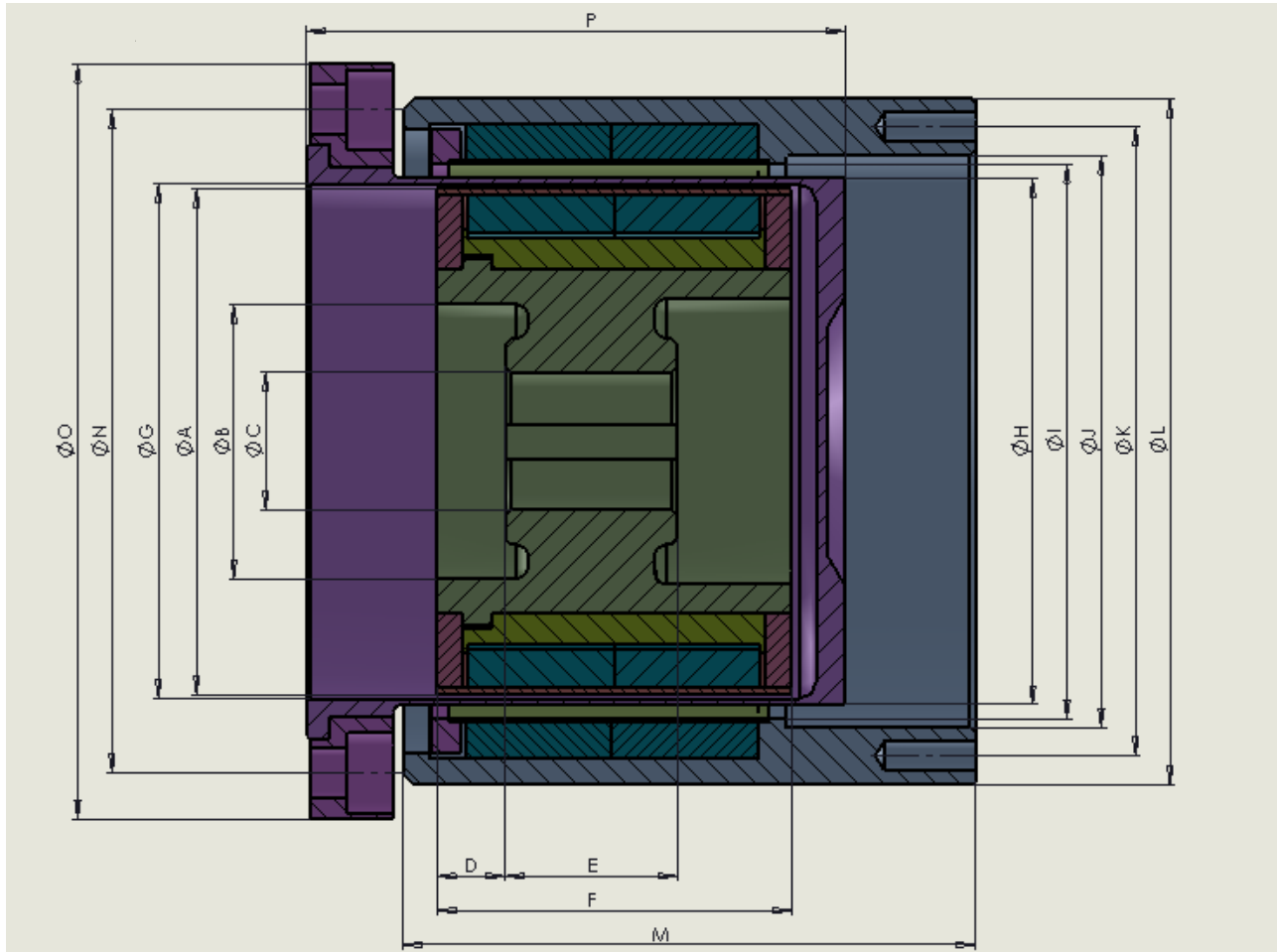


NMCB (Newland Magnetic Coupling B type) Technical and Assembly Data

Original Date: 2015.03
Updated Date: 2015.03



Type	Torq Max	Over Load	Inner Rotor (mm)						Outer Rotor (mm)					Sealing can/Flang (mm)				
			A	B	C	D	E	F	I	J	K	L	M	G	H	N	O	P
ZMCC03	3	4.5	42	20	10	5	15	25	49	52	M5	68	50	44	46	6.6	80	57
ZMCC08	8	12	58	26	12	10	18	35	66	70	M5	90	65	60	62	6.6	96	67
ZMCC16	16	26	58	26	14	30	20	62	66	70	M6	90	95	60	62	6.6	96	94
ZMCC22	22	35	88	50	20	10	30	50	97	100	M6	120	85	90	92	8.6	132	82
ZMCC30	30	48	88	50	24	20	30	62	97	100	M6	120	100	90	92	8.6	132	94
ZMCC50	50	80	122	80	30	10	30	60	132	136	M8	164	85	126	128	8.6	176	88
ZMCC65	65	100	122	80	30	20	30	65	132	136	M8	164	100	126	128	8.6	176	104
ZMCC80	80	130	142	90	35	20	30	65	152	156	M8	184	100	146	148	10.8	208	106
ZMCC110	110	165	142	90	35	30	30	80	152	156	M8	184	115	146	148	10.8	208	122
ZMCC140	140	210	142	90	40	40	40	110	152	156	M10	190	145	146	148	10.8	208	152

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ZMCC180	180	290	142	90	40	60	50	140	152	156	M10	190	180	146	148	10.8	208	182
ZMCC220	220	330	142	90	48	70	60	160	152	156	M10	190	200	146	148	10.8	208	204
ZMCC280	280	380	142	90	48	90	60	180	152	156	M10	190	230	146	148	10.8	208	224
ZMCC320	320	430	164	110	50	90	60	190	174	178	M12	214	230	168	170	10.8	230	240
ZMCC380	380	500	164	110	50	100	80	240	174	178	M12	214	280	168	170	10.8	230	290
ZMCC500	500	650	186	130	60	115	90	300	196	190	M12	240	300	190	192	10.8	250	310

Remarks:

1. Air gap $L_g=(l-A)/2=4-7\text{mm}$ or can be designed in accordance to customer's requirements;
2. Working temperature: $\text{NdFeB} \leq 150^\circ\text{C}$, $\text{SmCo} \leq 350^\circ\text{C}$;
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 steel 316/316L,
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...;

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

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