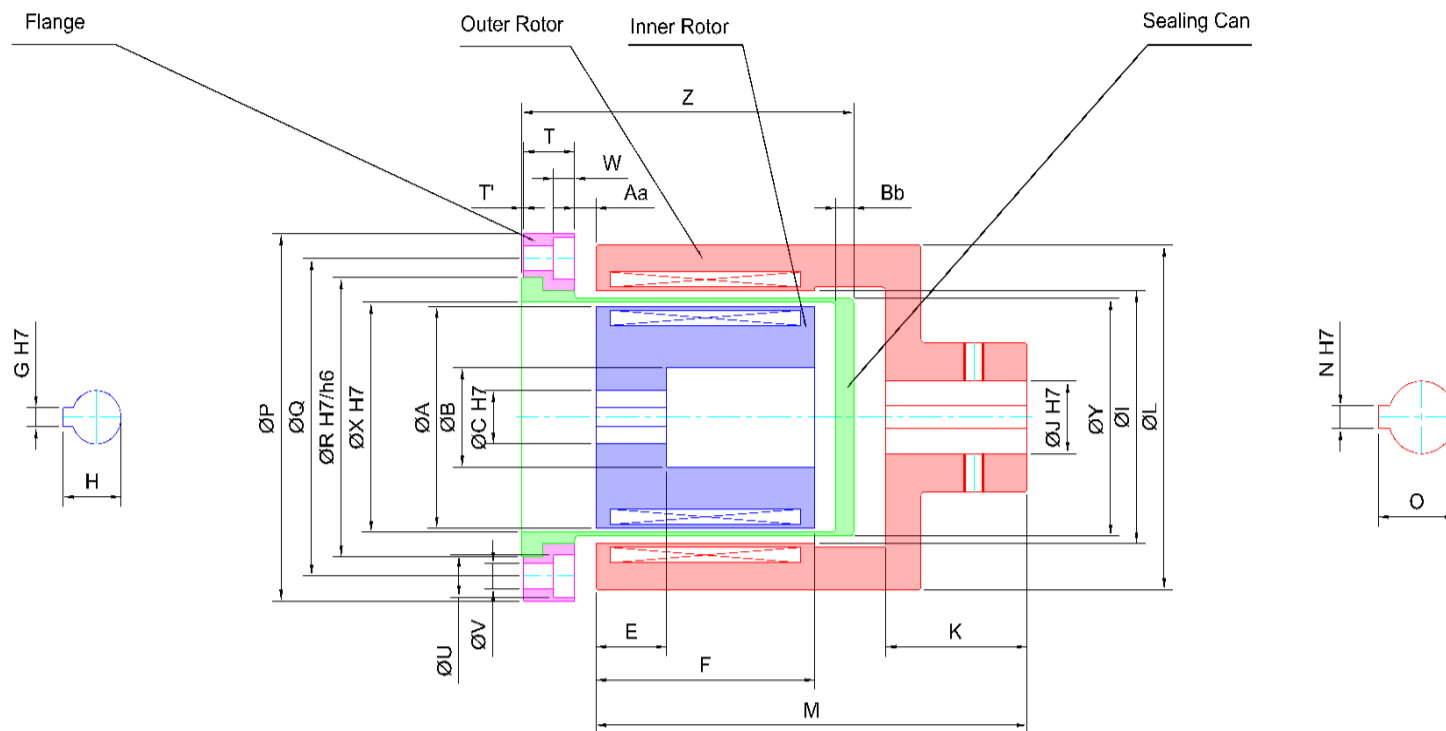


## Performance Data of MCL (3-80NM) Magnetic Coupling



Type	Torque Nm	Overload Torque Nm	Inner Rotor								Outer Rotor								Frang						Sealing Can				
			A	B	C	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	T	T'	U	V	W	X	Y	Z	Aa	Bb
<b>MCL-3</b>	3	4.5	42	20	10	15	25	3	11.4	49	18	30	68	75	6	20.8	83	66	57	14.5	0.5	11	4-Ø6.6	6	44	46	57	6	5
<b>MCL-8</b>	8	12	58	26	12	18	35	4	13.8	66	18	30	88	85	6	20.8	98	83	73	14.5	0.5	11	6-Ø6.6	6	61	62	67	6	5
<b>MCL-16</b>	16	26	58	26	14	20	62	5	16.3	66	19	40	88	122	6	21.8	98	83	73	14.5	0.5	11	6-Ø6.6	6	61	62	94	6	5
<b>MCL-22</b>	22	35	88	50	20	30	50	6	22.8	97	24	50	122	122	8	27.3	136	116	104	14.5	0.5	14	8-Ø8.6	8	90	92	82	6	5
<b>MCL-30</b>	30	48	88	50	24	30	62	8	27.3	97	28	60	122	130	8	31.3	136	116	104	14.5	0.5	14	8-Ø8.6	8	90	92	94	6	5
<b>MCL-50</b>	50	80	122	80	30	30	50	8	33.3	132	38	80	158	130	10	41.3	178	158	142	17.4	0.5	14	8-Ø8.6	8	125	127	88	6	6

### Remarks:

- Air gap between inner rotor and outer rotor can be designed according to customer's requirements;
- Working temperature: NdFeB ≤ 140°C, Sm2Co17 ≤ 280°C;
- The inertia balance for inner and outer rotor is G6.3;
- Material:
  - Inner rotor: stainless steel 316/316L;
  - Outer rotor: carbon steel / Zn coated;
  - Sealing can: stainless steel 316/316L;
  - Flange: carbon steel / Zn coated;
- Pressure bearing of sealing can: 1~2Mpa;
- All the dimensions are in millimeter.