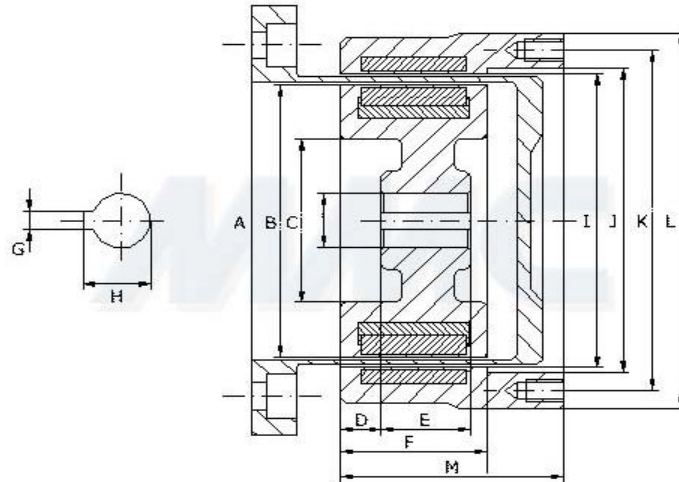


**MAGNETIC PUMP COUPLING**



\* The transmissible torque is from 1N.m to 320NM.  
\* The transmissible strength is from 1N to 500N.

**Technical and Assembly Data**

Type	Torque max (NM)	Inner Rotor (mm)								Outer Rotor (mm)				
		A	B	C	D	E	F	G	H	I	J	K	L	M
FCD	3	42	20	10	5	15	25	3	11.2	49	52	60/4M4x90°	68	50
FCD	8	58	26	12	10	18	35	4	13.7	66	70	80/4M6x90°	90	65
FCD	16	58	26	14	30	20	62	4	15.8	66	70	80/6M6x60°	90	95
FCD	22	88	50	20	10	30	50	6	22.8	97	100	110/8M6x45°	120	85
FCD	30	88	50	24	20	30	62	6	26.8	97	100	110/8M6x45°	120	100
FCD	50	122	80	30	10	30	50	8	33.3	132	136	148/8M8x45°	164	85
FCD	65	122	80	30	20	30	65	8	33.3	132	136	148/8M8x45°	164	100
FCD	80	142	100	35	20	30	65	10	38.8	152	156	168/8M8x45°	184	100
FCD	110	142	100	35	30	30	80	10	38.8	152	156	168/12M8x30°	184	115
FCD	140	142	100	40	40	40	110	12	43.8	152	156	170/12M10x30°	190	145
FCD	180	142	100	40	60	50	140	12	43.8	152	156	170/12M10x30°	190	180
FCD	220	142	100	48	70	60	160	14	52.3	152	156	170/12M10x30°	190	200
FCD	280	142	100	48	90	60	180	14	52.3	152	156	170/12M12x30°	190	230
FCD	320	164	110	50	90	60	190	16	55.3	174	178	196/12M12x30°	214	230
FCD	380	164	110	50	100	80	240	16	55.3	175	178	196/12M12x30°	214	280

1. Air gap,  $g = 1/2 (I - A)$ , can be designed per customers' requirements.
2. Working temperature: NdFeB: < 140°C, SmCo2:17: < 280°C.
3. The inertia balance grade for the inner and outer rotor is 6.3G.
4. The drive couplings can be designed and manufactured to meet customers' requirements