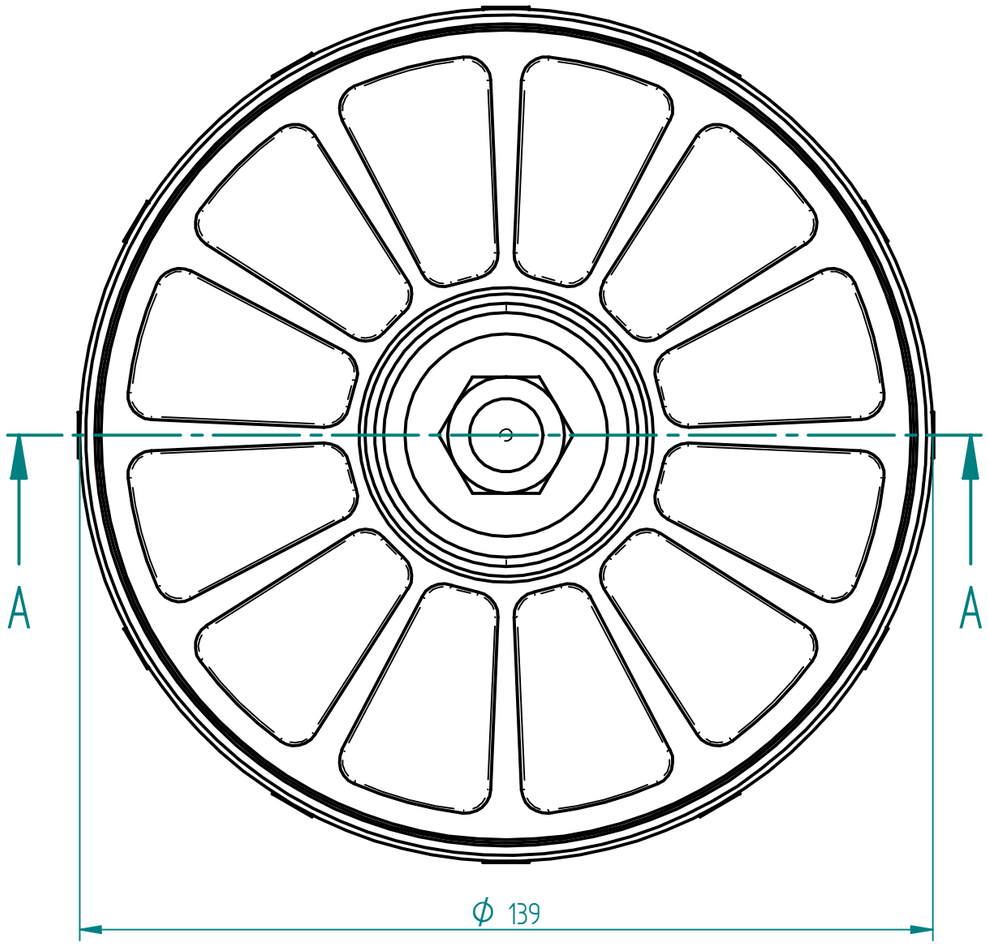
Item	Document Number	Rev	Title	Material	Mass	Qty
1	105	00	Dual stator fixture	Aluminium	110,572 g	1
2	101	00	LRK motor, insulator 110-86-48	Epoxy, cast rigid	2,038 g	2
3	102	00	LRK motor, stator 110-86-48	Magnet steel	122,801 g	1
4	106	00	LRK motor, coils	Copper	202,297 g	1
5	012		Disc motor, stator holder	FR-4 substrate	5,994 g	1
6	013		Disc motor, stator holder	FR-4 substrate	2,431 g	1
7	011		Disc motor stator coil	Copper	6,446 g	9
12			Screw, M4x30	A4	22,917 g	6
13	206	00	Disc motor, rotor	Soft iron	40,293 g	1
14	Φ10x3		Disc magnet, round	NdFeB	42,262 g	24
15	203		Disc motor, magnet holder	FR-4 substrate	11,948 g	2
16	202	00	Disc motor, rotor	Soft iron	38,175 g	1
17	201	00	Disc motor, spindle	Aluminium	17,832 g	1
18	608-2Z		Ball bear			



	NAME	DATE
DRAWN	PerS	08/10/2008
CHECKED		
ENG APPR		
MGR APPR		

All dimensions are in mm. Unspecified tolerances are according to ISO 2768-m. Surface roughness Ra 3.2 um if not given.

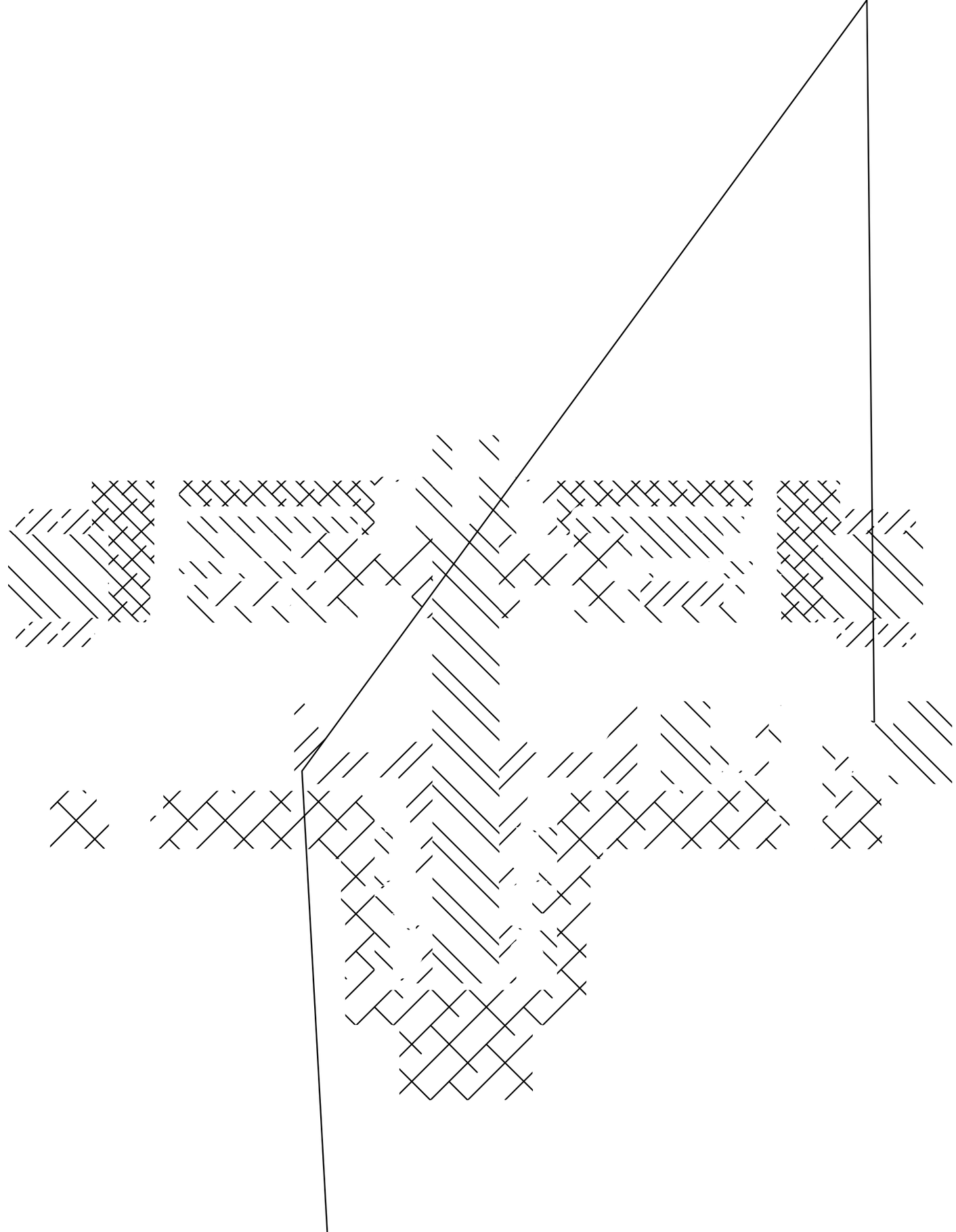
The cycle motor solution

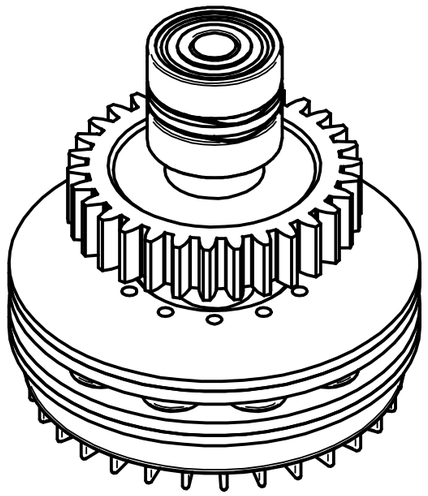
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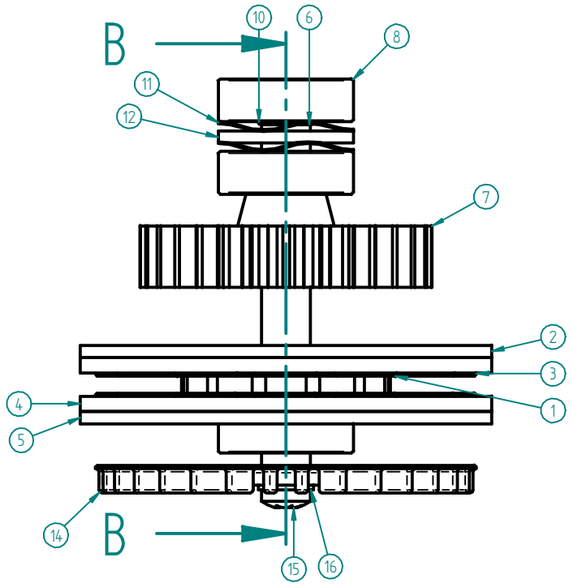
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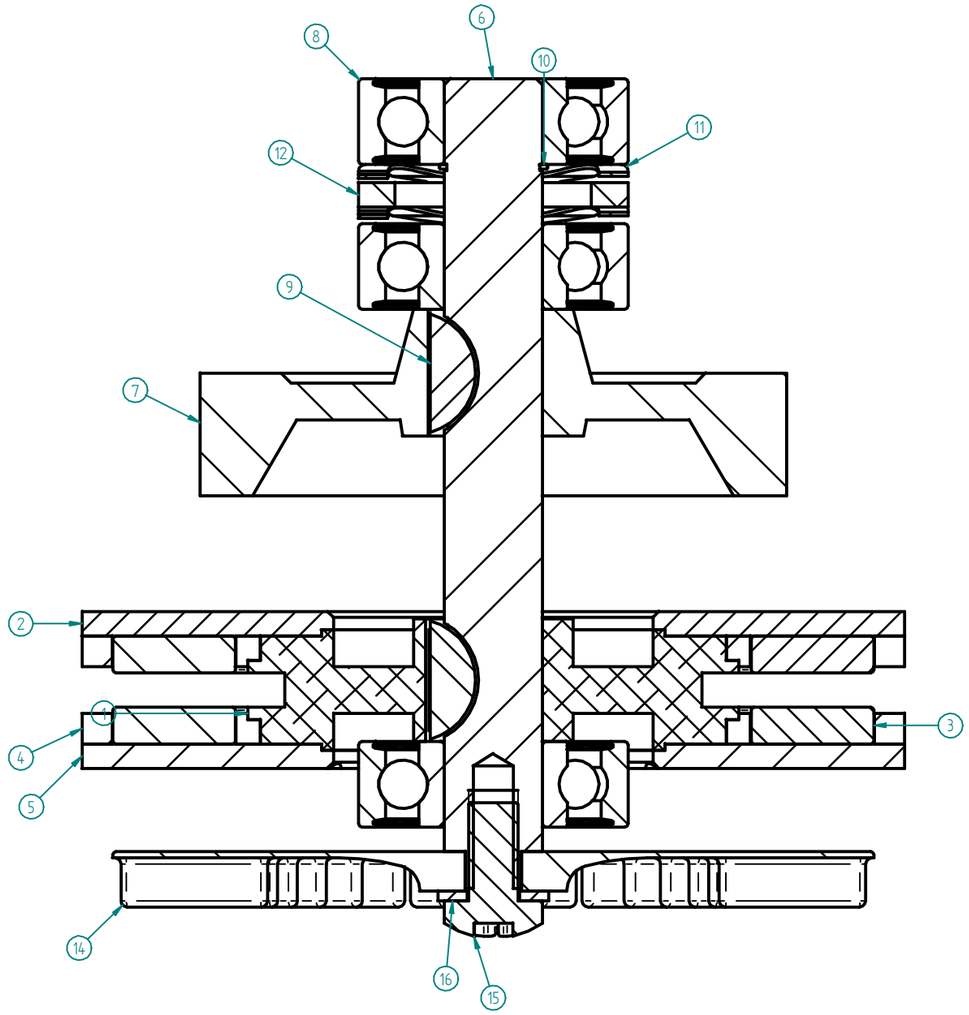
FILE NAME: Nohassel propulsion unit-01.dft

WEIGHT: 2213,909 g | SHEET 1 OF 6









SECTION B-B
2:1

Item	Document Number	Rev	Title	Material	Mass	Qty
1	201	00	Disc motor, spindle	Aluminium	17,832 g	1
2	206	00	Disc motor, rotor	Soft iron	40,293 g	1
3	Φ10x3		Disc magnet, round	NdFeB	42,262 g	24
4	203		Disc motor, magnet holder	FR-4 substrate	11,948 g	2
5	202	00	Disc motor, rotor	Soft iron	38,175 g	1
6	205	00	Sun axle	Steel	24,064 g	1
7	207		Sun gear 30t	Steel	73,489 g	1
8	608-2Z		Ball bearing		35,829 g	3
9	209		Woodruff key	Steel	1,238 g	2
10	208		Lock ring, external	Steel	0,045 g	1
11	SSB 0087 1.57		Spring washer	Steel	0,704 g	2
12	210		Washer	Aluminium	0,971 g	1
13*	M3x12	00	Screw, countersunk	Stainless Steel, 304	0,785 g	1
14			Cooling fan	ABS Plastic, medium impact	3,363 g	1
15	ISO 7045 M4x8		Screw, M4x8, Torx	A4	1,663 g	1
16	DIN 125 M4		Washer	A4	0,306 g	1

	NAME	DATE
DRAWN	PerS	08/10/2008
CHECKED		
ENG APPR		
MGR APPR		

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The cycle motor solution

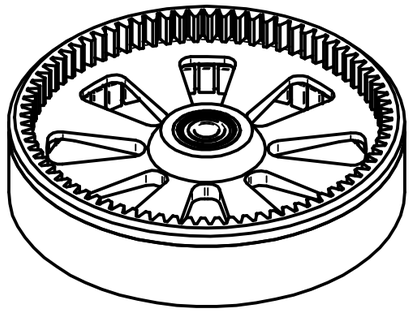
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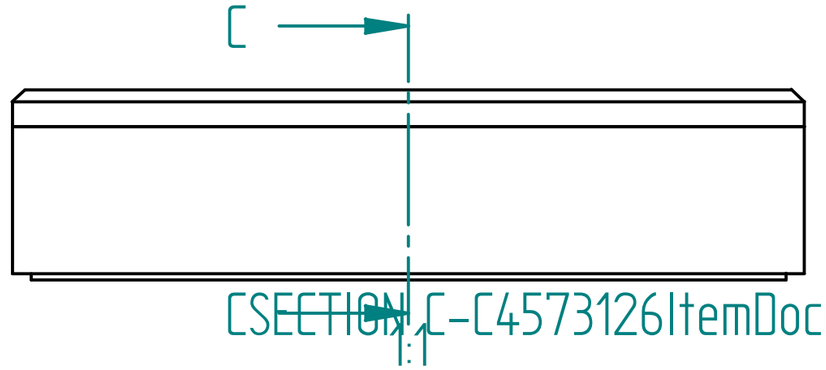
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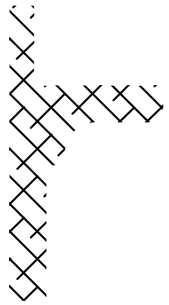
FILE NAME: Nohassel propulsion unit-01.dft

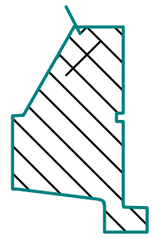
WEIGHT: 2213,909 g

SHEET 3 OF 6









	NAME	DATE
DRAWN	PerS	08/10/2008
CHECKED		
ENG APPR		
MGR APPR		

All dimensions are in mm. Unspecified tolerances are according to ISO 2768-m. Surface roughness Ra 3.2 um if not given.

The cycle motor solution

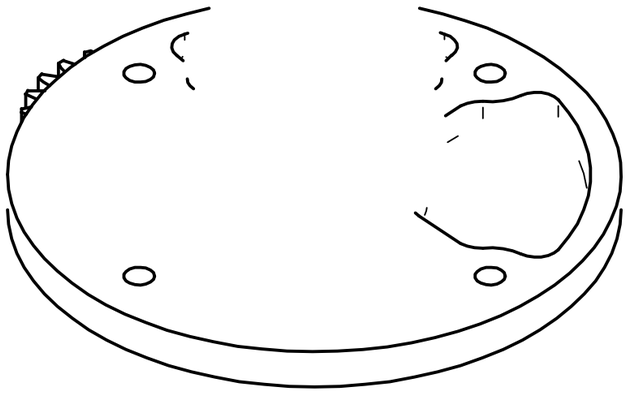
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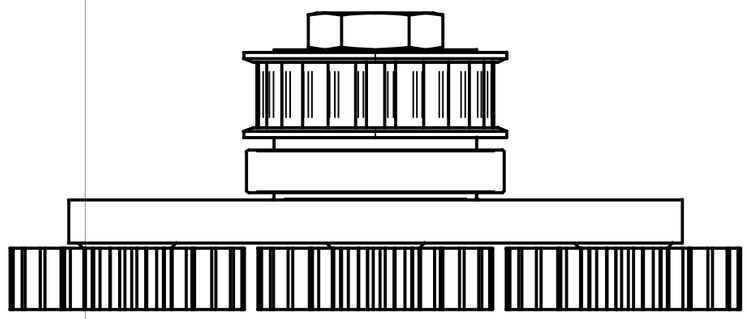
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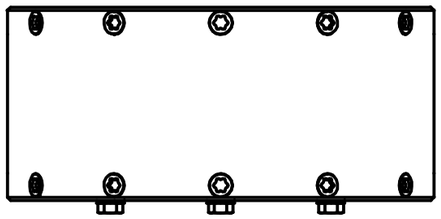
FILE NAME: Nohassel propulsion unit-01.dft

WEIGHT: 2213,909 g

SHEET 4 OF 6







	NAME	DATE
DRAWN	PerS	08/10/2008
CHECKED		
ENG APPR		
MGR APPR		

All dimensions are in mm. Unspecified tolerances are according to ISO 2768-m. Surface roughness Ra 3.2 um if not given.

The cycle motor solution

TITLE

SIZE	DWG NO	REV

FILE NAME: Nohassel propulsion unit-01.dft

WEIGHT: 2213,909 g

SHEET 6 OF 6