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PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	Arm1	40x80 Aluminium extrusion
2	1	bearing_flange_1	Output side flange
3	8	T_NUT_N10_M5	T slot nut
4	1	bearing_flange_2	Encoder side flange
5	1	worm_flange_1	608 bearing flange
6	1	worm_flange_2	608 bearing flange
7	2	tension_device	Worm shaft tension adjustment contraption
8	8	ISO 7093 A - ST 5 - 140 HV	Plain washers - Large series - Product grade A
9	2	ISO 4762 - M5 x 12(1)	Hexagon Socket Head Cap Screw
12	4	ISO 4762 - M3 x 25(1)	Hexagon Socket Head Cap Screw
13	1	Shaft	
14	1	Worm	Ondrives PW101
15	1	Worm Gear	Ondrives ABPWG-1-48-1
16	1	DIN 6885 - A 3 x 3 x 20	Parallel Key
17	2	BS 290 SKF - SKF 7200 BE	Single row angular contact ball bearings SKF
19	1	main_thrust washer	Steel spacer
20	4	Belleville Spring	
21	1	main_collar	Steel spacer
25	2	ISO 4027 - M4 x 5(1)	Hexagon socket set screw with cone point
26	1	motor_adapter	2 mm steel plate adapter
27	4	M3x30 6 mm hex standoff	Motor standoffs
28	4	M4_RUBBER_BUSHING	Dampeners for motor adapter plate
29	8	ISO 7089 - 3	Plain washers - Normal series - Product grade A
30	4	ISO 4762 - M3 x 10	Hexagon Socket Head Cap Screw
31	1	coupling	Flexible spiral shaft coupling with set screws
32	1	ws_collar1	Steel spacer
33	1	ws_collar2	Steel spacer
34	2	%3% BS 290 - SKF 608	Single row ball bearings
35	12	DIN 6797 - A 5.3	Toothed Lock Washer
36	4	ISO 4032 - M5(4)	Hexagon nuts, style 1 - Product grades A and B
37	4	ISO 7089 - 5	Plain washers - Normal series - Product grade A
38	4	CNS 3932 - M 5 x 55	Hexagon Socket Head Cap Screw
39	2	ISO 4032 - M3(4)	Hexagon nuts, style 1 - Product grades A and B
40	1	AZ_Shaft	
41	2	ISO 4762 - M5 x 16(1)	Hexagon Socket Head Cap Screw

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Date

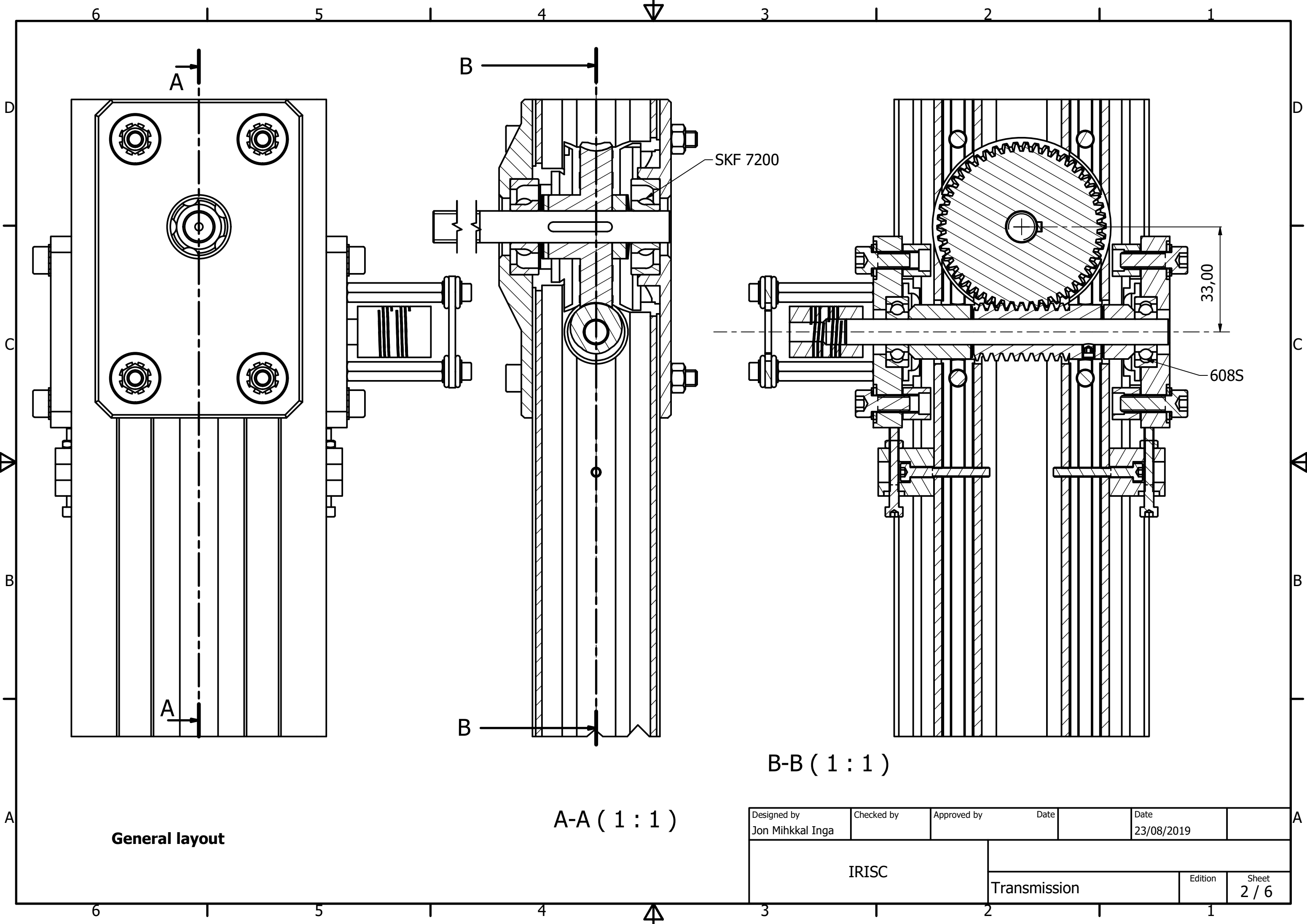
Date  
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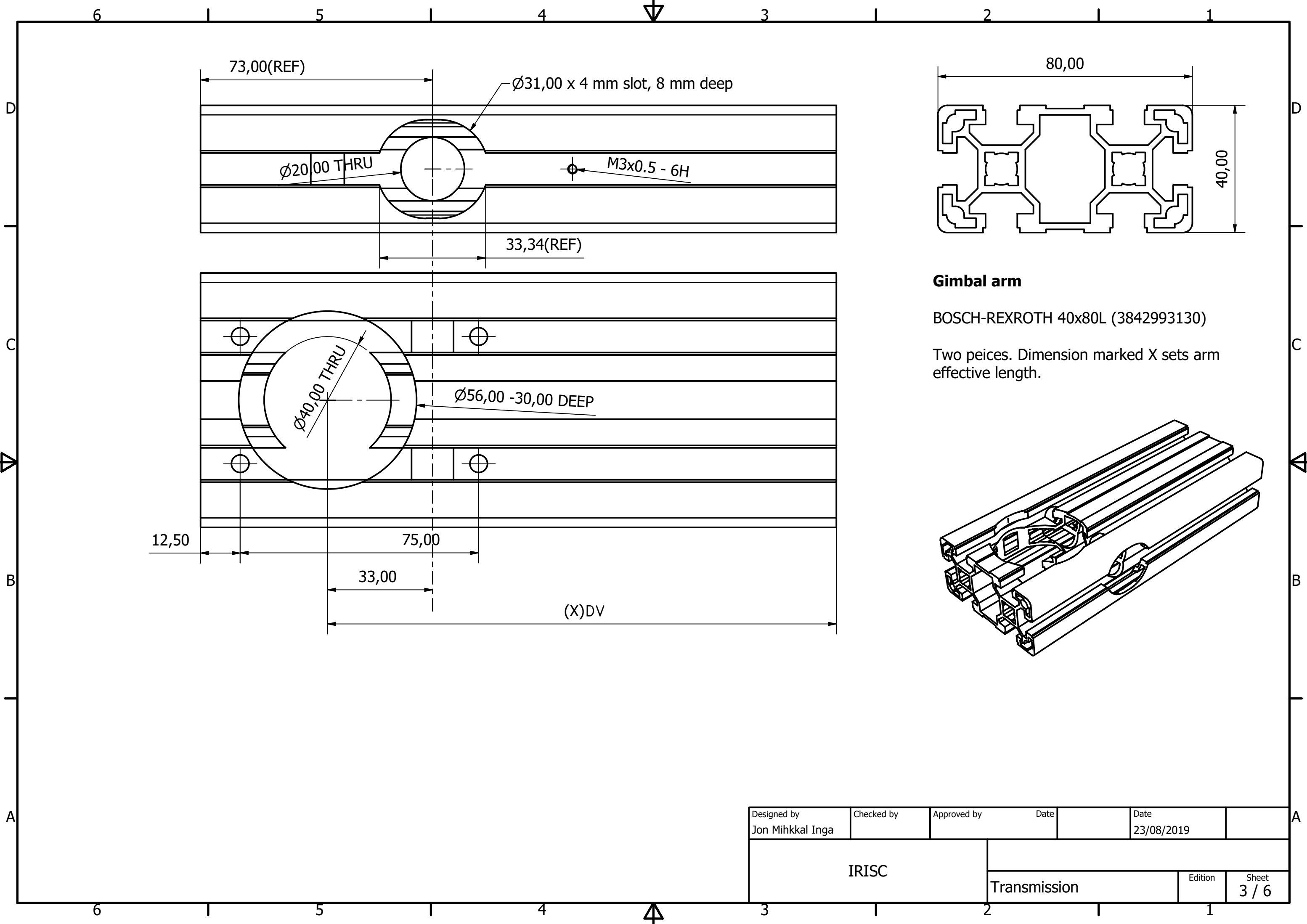


General layout

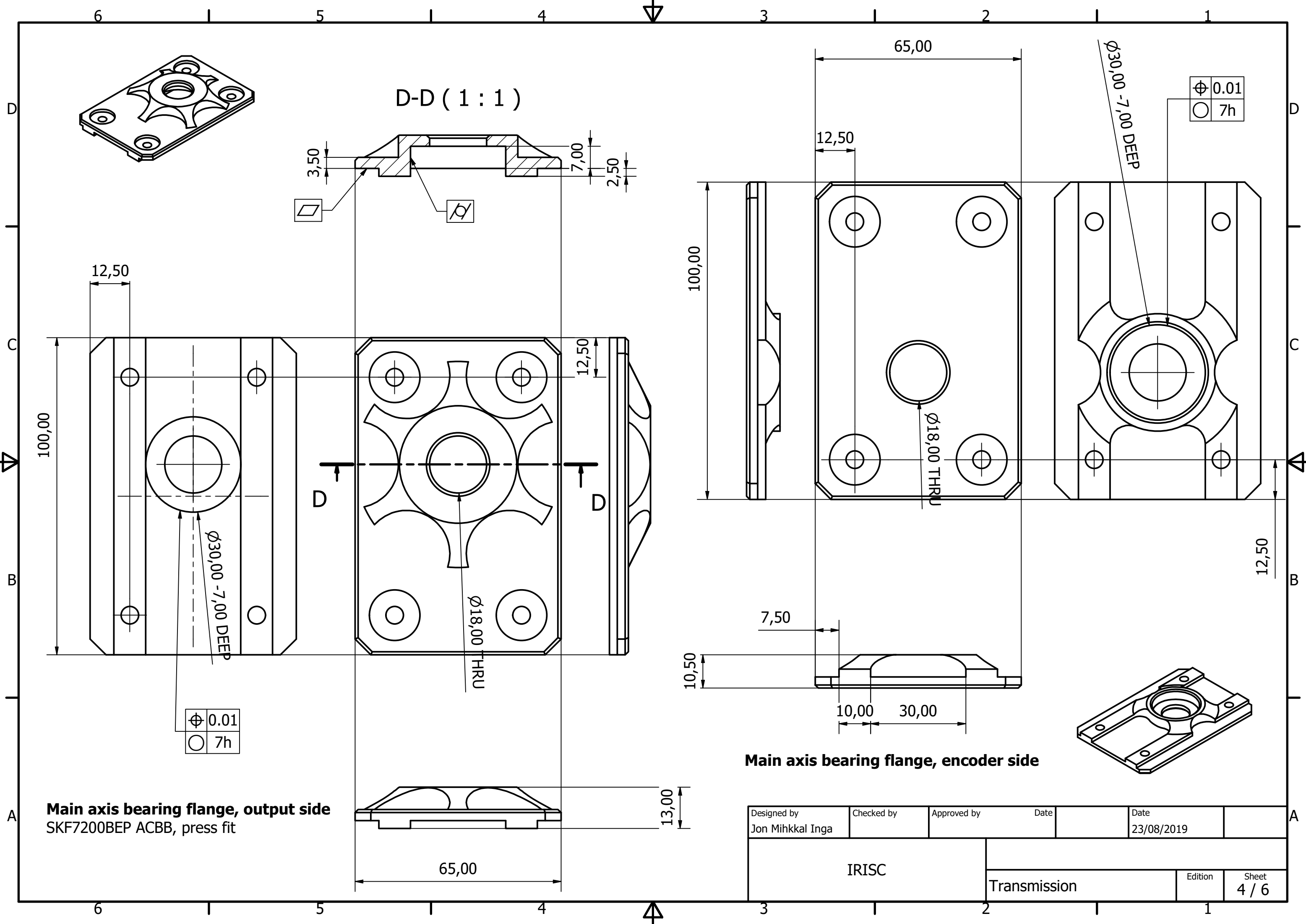
A-A ( 1 : 1 )

B-B ( 1 : 1 )

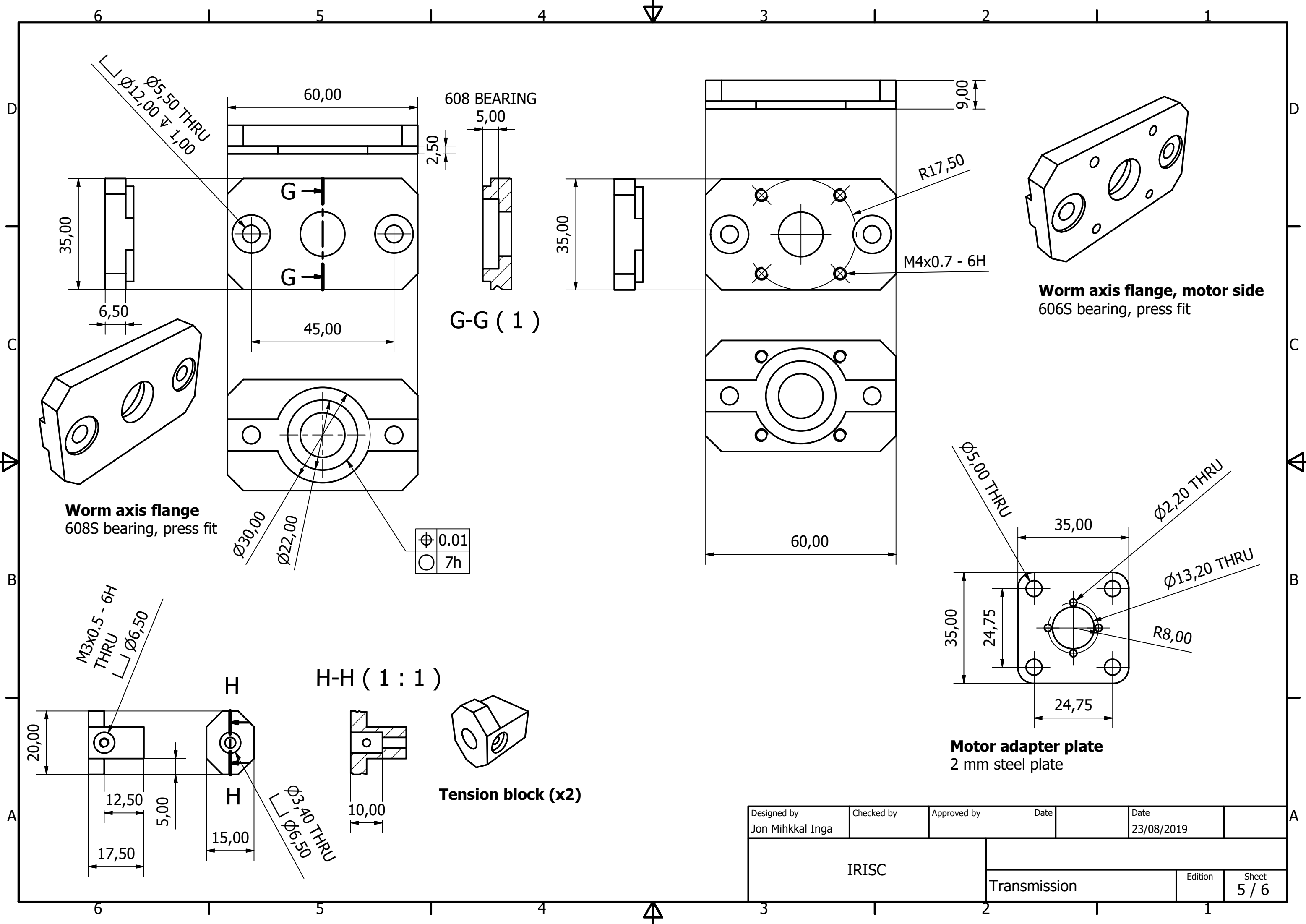
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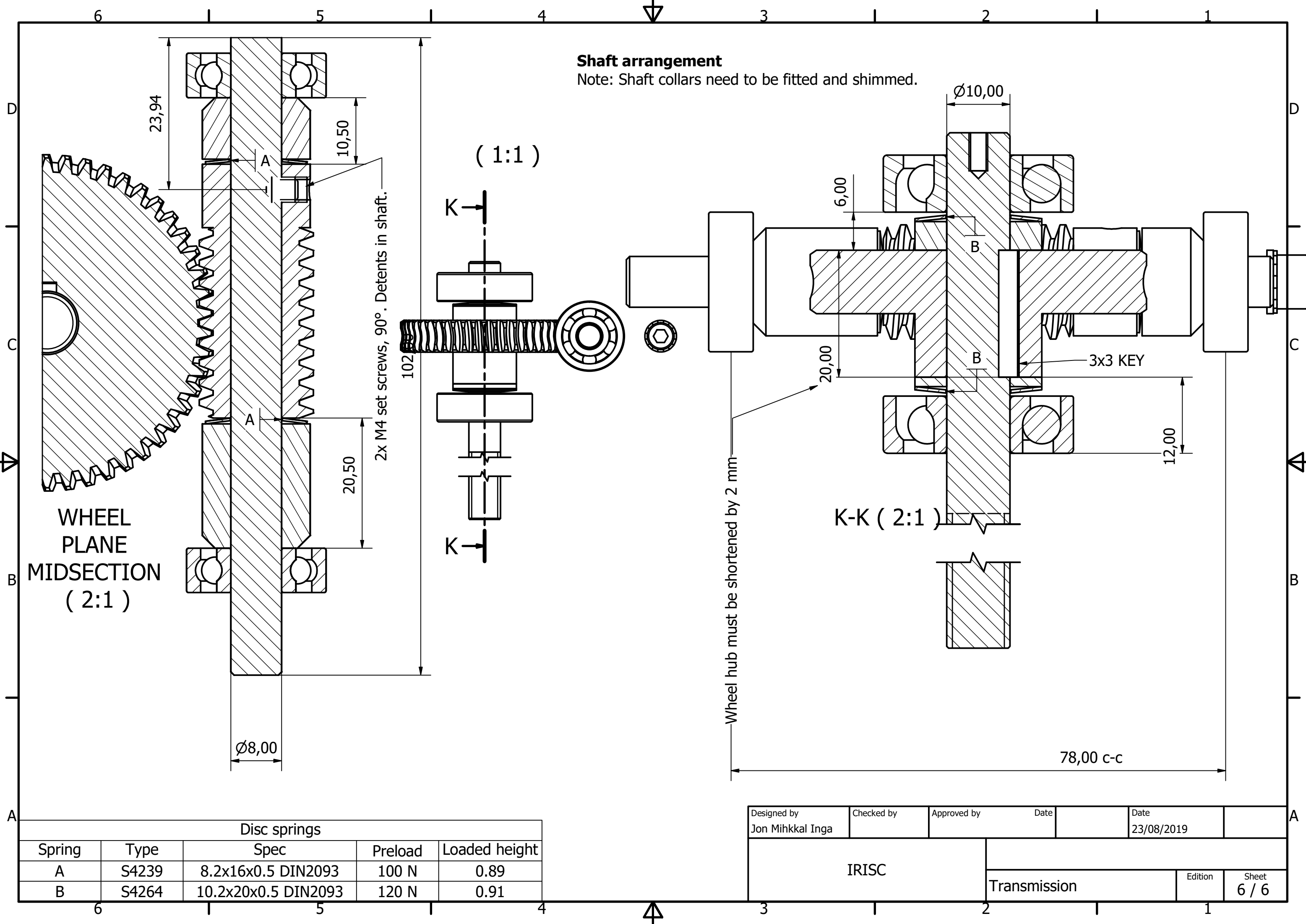
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**Shaft arrangement**

Note: Shaft collars need to be fitted and shimmed.

WHEEL  
PLANE  
MIDSECTION  
( 2:1 )

( 1:1 )

K-K ( 2:1 )

Wheel hub must be shortened by 2 mm

78,00 c-c

Disc springs				
Spring	Type	Spec	Preload	Loaded height
A	S4239	8.2x16x0.5 DIN2093	100 N	0.89
B	S4264	10.2x20x0.5 DIN2093	120 N	0.91

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