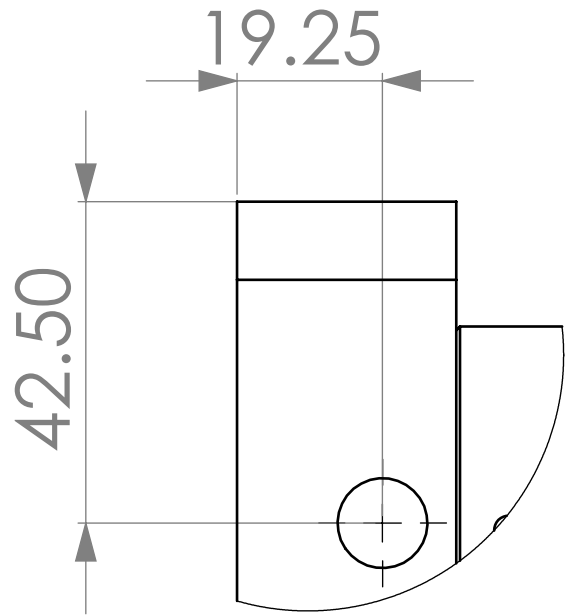
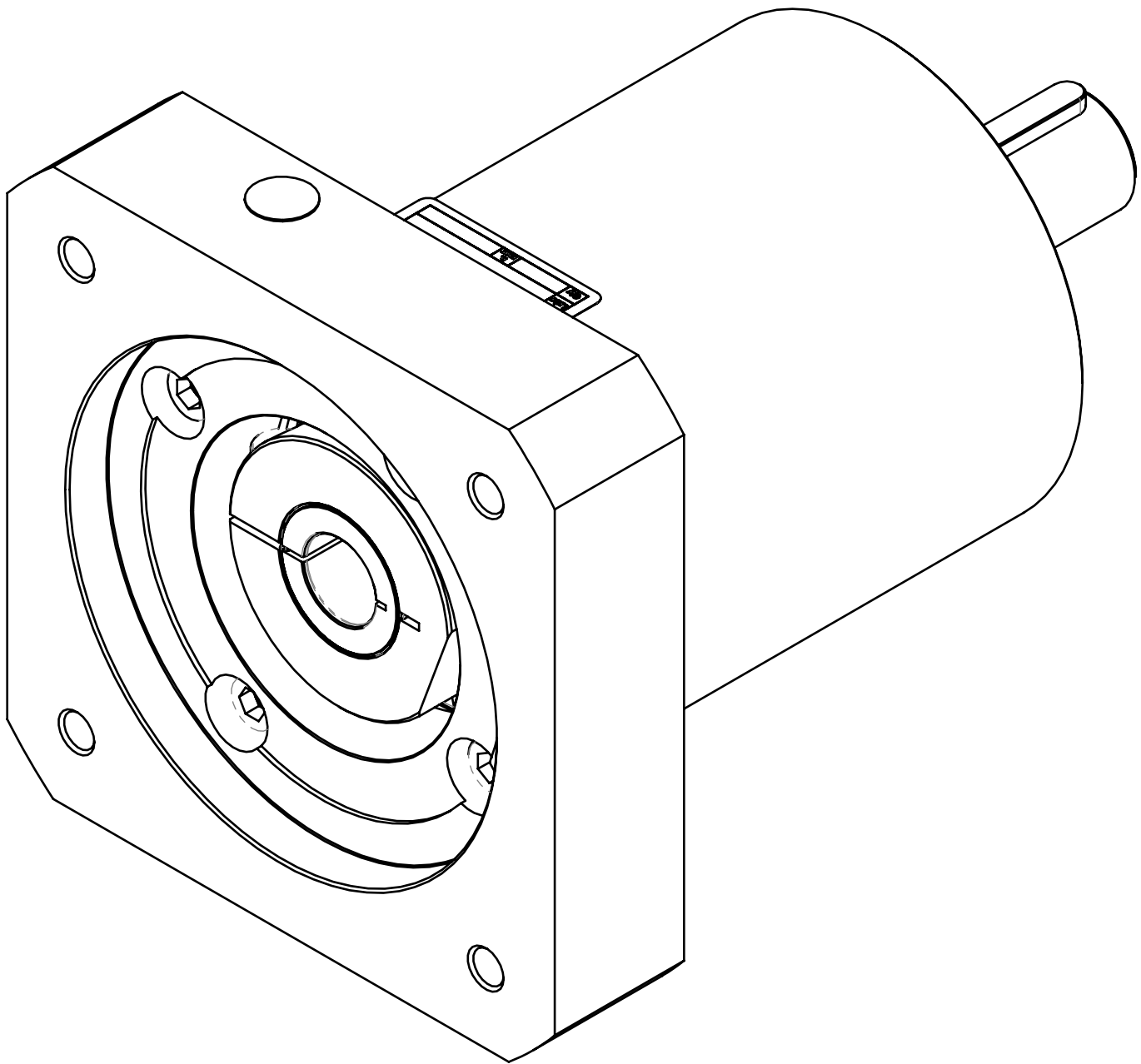


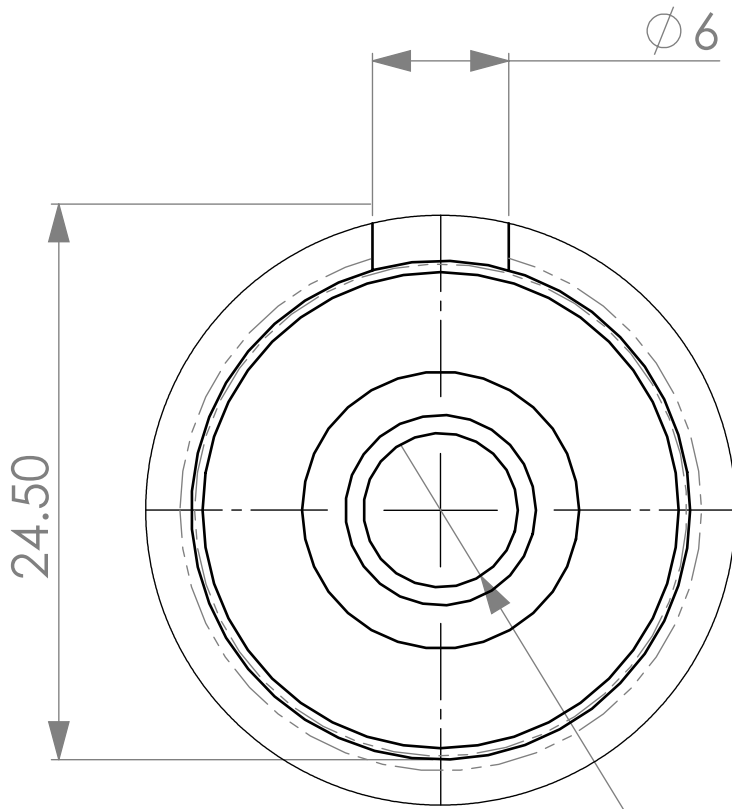
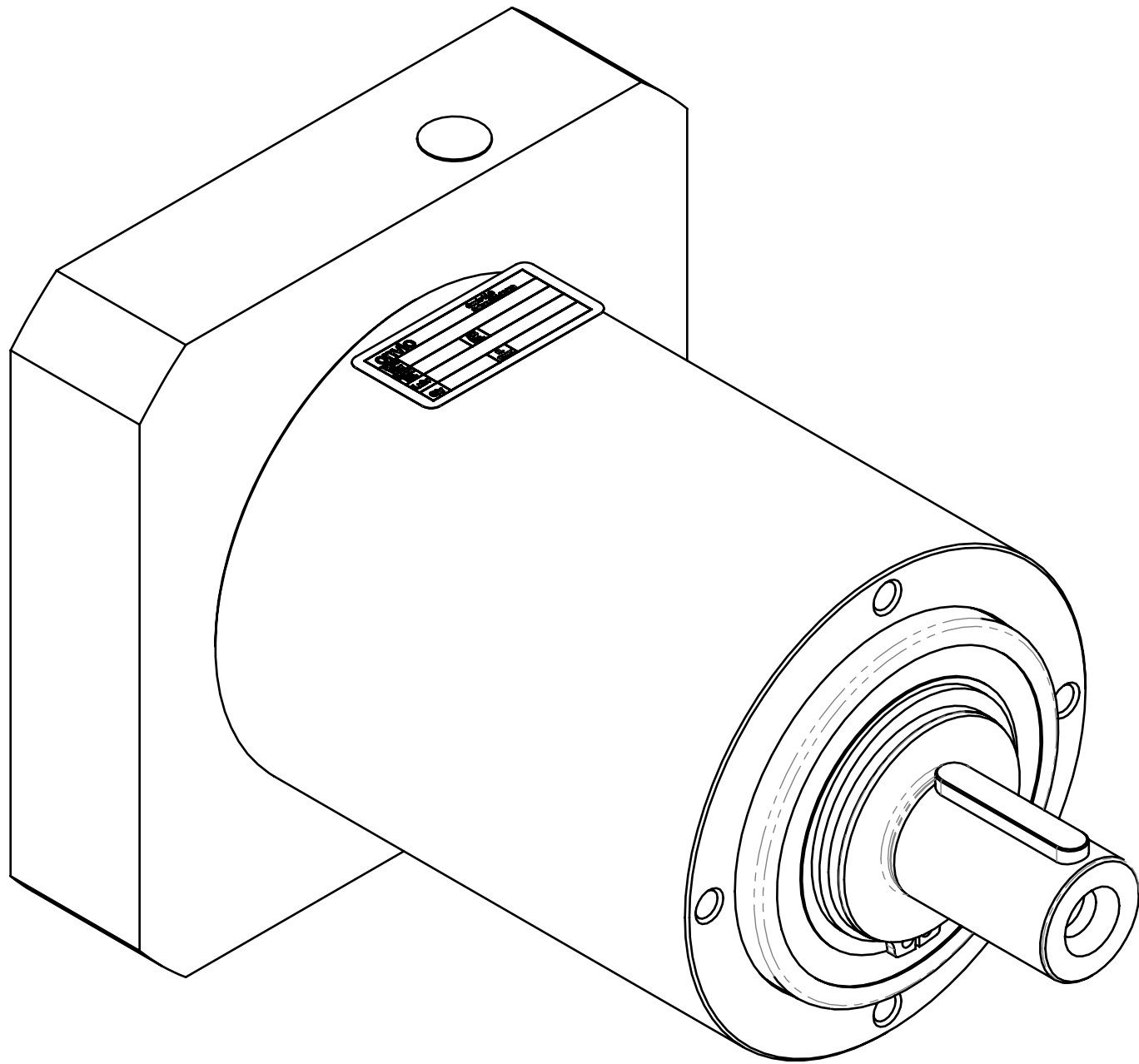
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DUAL STAGE RATIOS

- 15-1
- 16-1
- 20-1
- 25-1
- 30-1
- 40-1
- 50-1
- 70-1
- 100-1

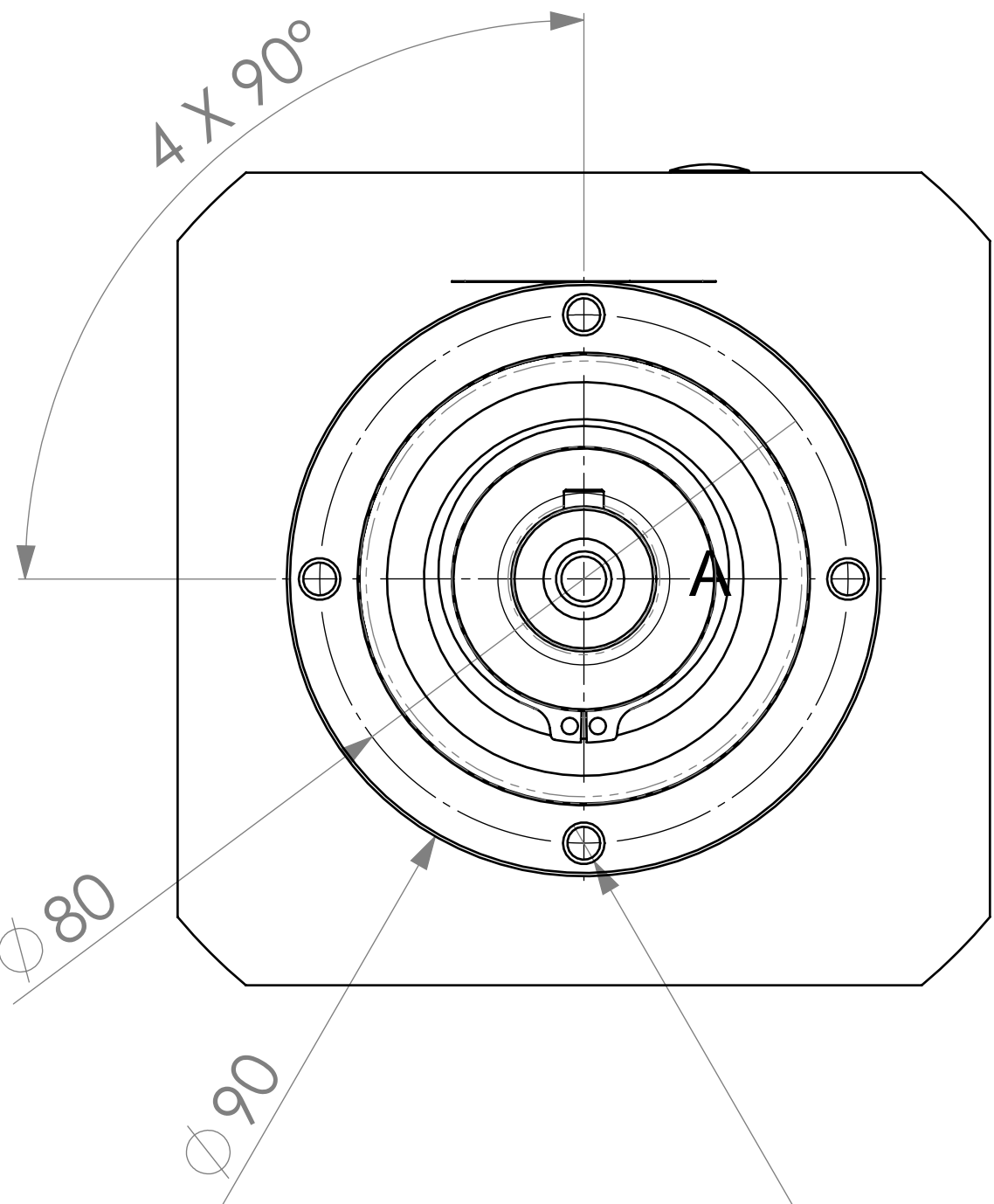


CLAMP COLLAR ACCESS
RECOMMENDED TORQUE FOR CLAMP
COLLAR SCREW 10Nm

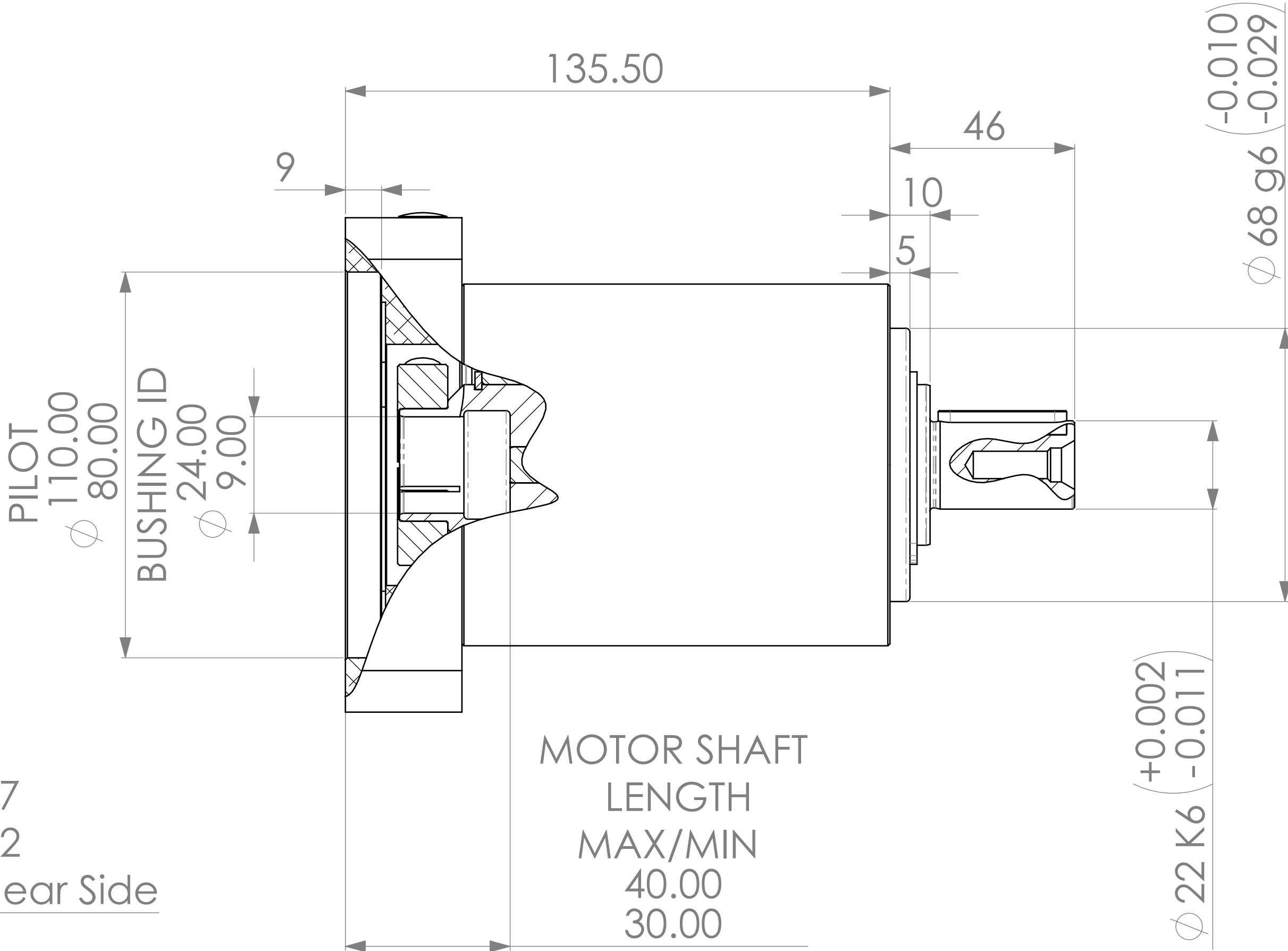


DETAIL A
SCALE 3 : 1

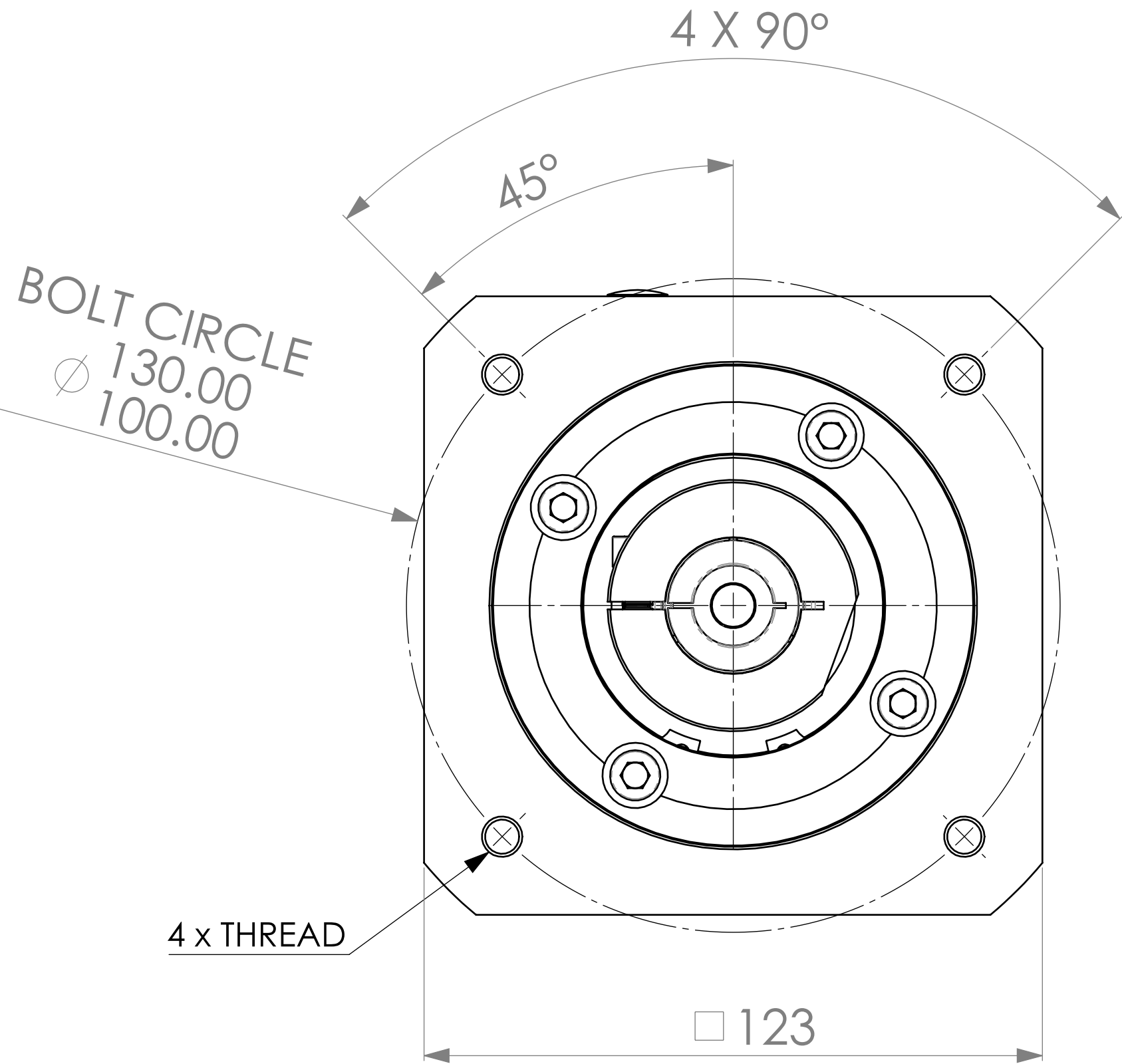
Ø 6.80 ∇ 19.25
M8 - 6H ∇ 13
✓ Ø 8.40 X 90°, Near Side



4 x Ø 5 ∇ 17
M6 - 6H ∇ 12
✓ Ø 6.30 X 90°, Near Side



MOTOR SHAFT
LENGTH
MAX/MIN
40.00
30.00



KEY KEY DESIGN CHARACTERISTICS

✓ Ra 1.6 (✓)

DRAWN BY: NOC	DATE: 30OCT19	SCALE: 1:1	onvio	
CHECKED BY:	DATE:	UNSPECIFIED TOLERANCES PER ISO 2768 m K		
APPROVED BY:	DATE:	UNSPECIFIED EDGES PER ISO 13715	MATERIAL:	FINISH:
ALL DIMENSIONS IN MILLIMETRES		-0.4 -0.3	+0.3 +0.2	HEAT TREAT:
PAPER SIZE: A1	DOCUMENT TYPE: DET	LANGUAGE CODE: EN	SHEET NUMBER: 1/3	PART NUMBER: AL-020-RRR-FFF-MMM-S-LL-XXX-BXX-0000
AL-020, i=RRR, Family Variations, Interface SQ123, BC 100-130, PD 80-110, SL30-40, SD 9-24				REVISION: A

CONFIGURATION DESCRIPTION

AL-020-RRR-FFF-MMM-S-LL-XXX-BXX-0000

ORR

VALUE	GEAR RATIO
015	15-1
016	16-1
020	20-1
025	25-1
030	30-1
040	40-1
050	50-1
070	70-1
100	100-1

FFF

VALUE	HOUSING FINISH
B01	BLACK OXIDE
N01	NICKEL
P01	PAINT, ORANGE

MMM

VALUE	OUTPUT SHAFT MATERIAL
S01	4140 (STANDARD)
N01	4140 NICKEL PLATED
C01	304 STAINLESS STEEL
C02	316 STAINLESS STEEL

S

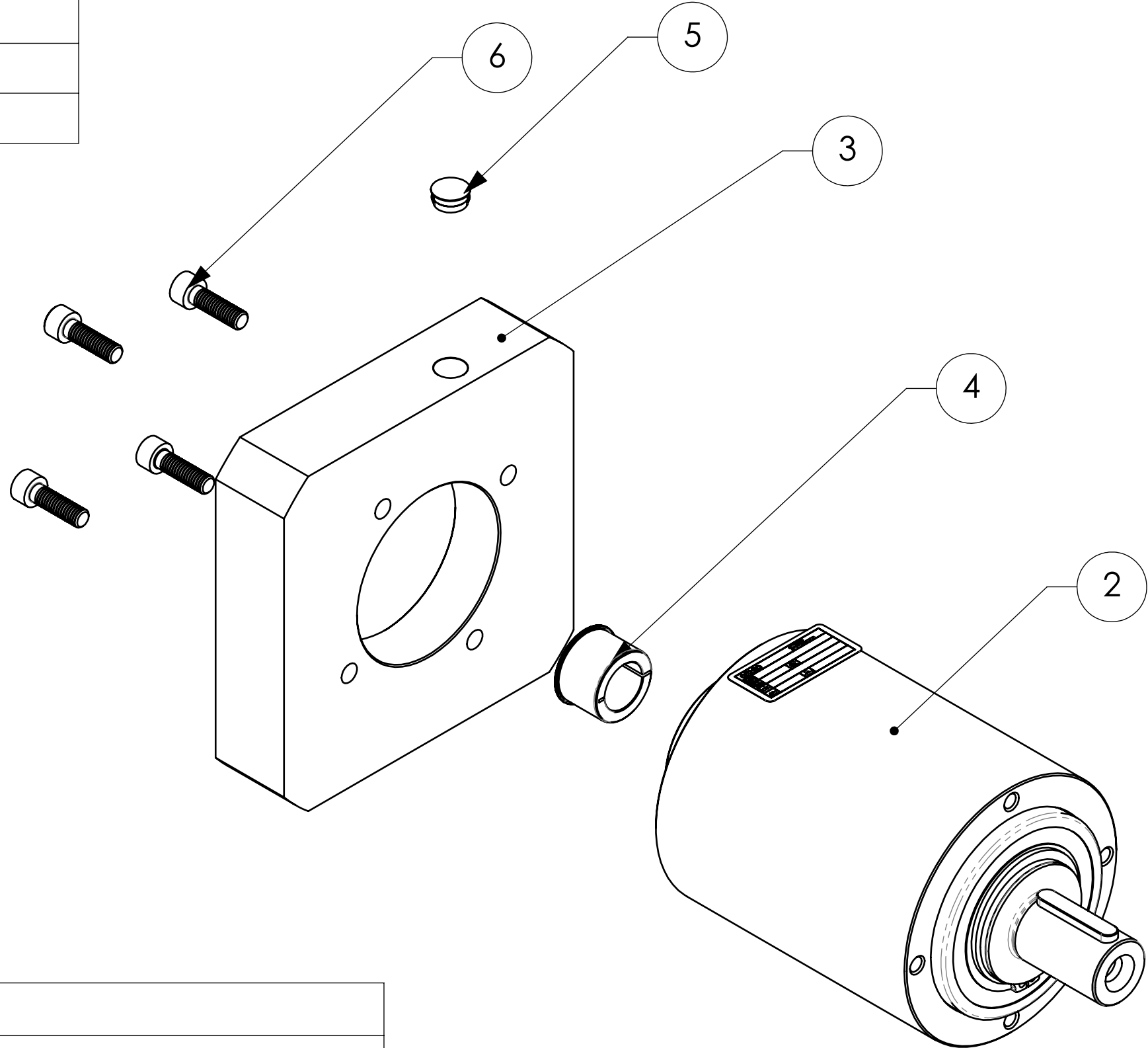
VALUE	OUTPUT SHAFT STYLE
S	STANDARD KEY
N	NO KEY

BXX

INTERFACE CONFIGURATION			
VALUE	BOLT CIRCLE	THREAD	PILOT
B01	100	M5	80
B02	100	M6	80
B03	100	M8	80
B04	115	M6	95
B05	115	M8	95
B06	125.73	1/4-20	80
B07	125.73	5/16-18	80
B08	125.73	M6	80
B09	125.73	M8	80
B10	130	M6	95
B11	130	M8	95
B12	130	M8	110
B13	130	M10	110

XXX

VALUE	BUSHING ID
090	9
095	9.525[0.375]
110	11
127	12.7[0.50]
140	14
189	18.875[0.743]
160	16
190	19
191	19.05[0.75]
220	22
222	22.225[0.875]
240	24



DRAWN BY: NOC		DATE: 30CT19	SCALE: 1:1		<div>onvio</div>	
CHECKED BY:		DATE:	UNSPECIFIED TOLERANCES PER ISO 2768 m K			
APPROVED BY:		DATE:	UNSPECIFIED EDGES PER ISO 13715		MATERIAL:	FINISH:
ALL DIMENSIONS IN MILLIMETRES			<div><div>-0.4 -0.3</div><div>+0.3 +0.2</div></div>		HEAT TREAT:	
			<div>AL-020, i=RRR, Family Variations, Interface SQ123, BC 100-130, PD 80-110, SL30-40, SD 9-24</div>			
PAPER SIZE	DOCUMENT TYPE	LANGUAGE CODE		SHEET NUMBER	PART NUMBER	
A1	DET	EN		2/3	AL-020-RRR-FFF-MMM-S-LL-XXX-BXX-0000	
					REVISION	
					A	