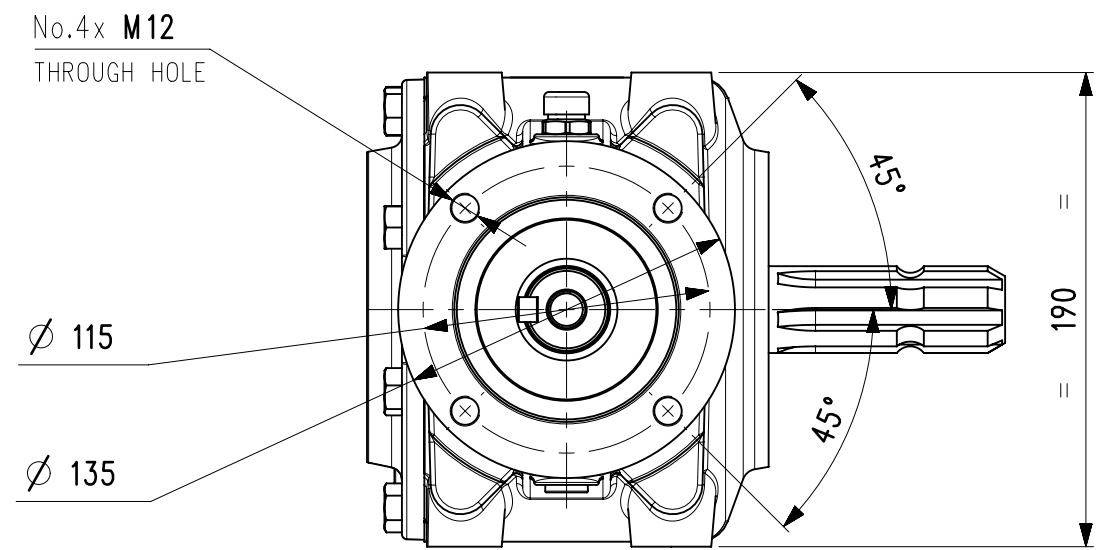
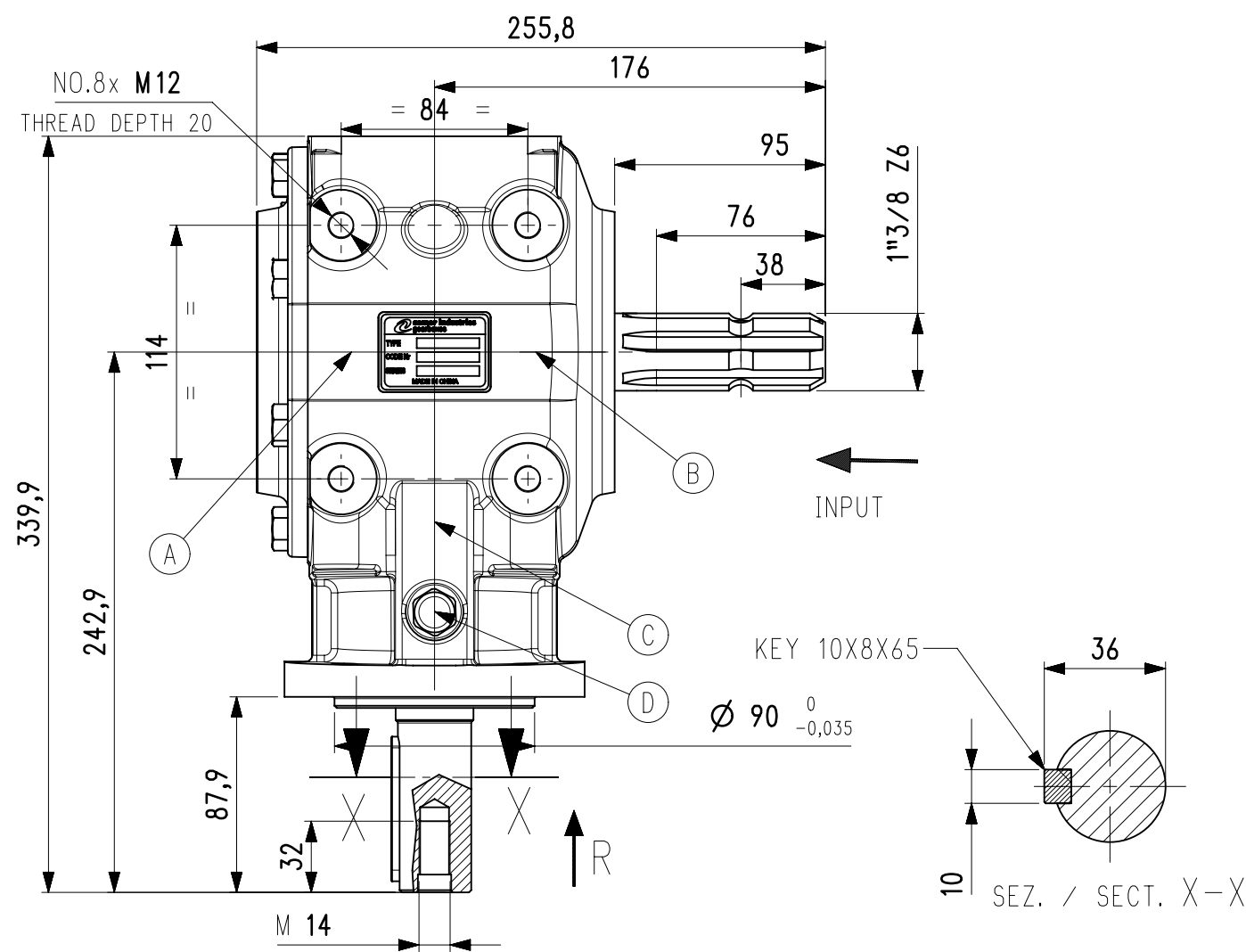
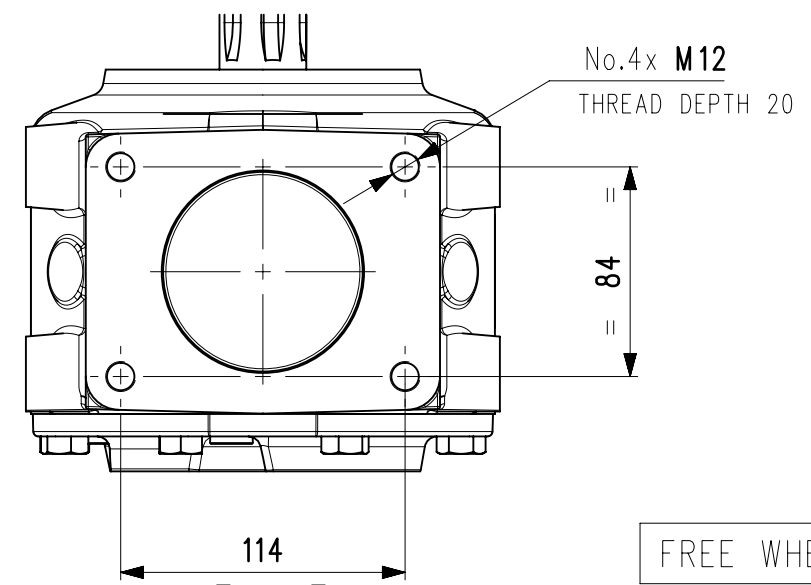
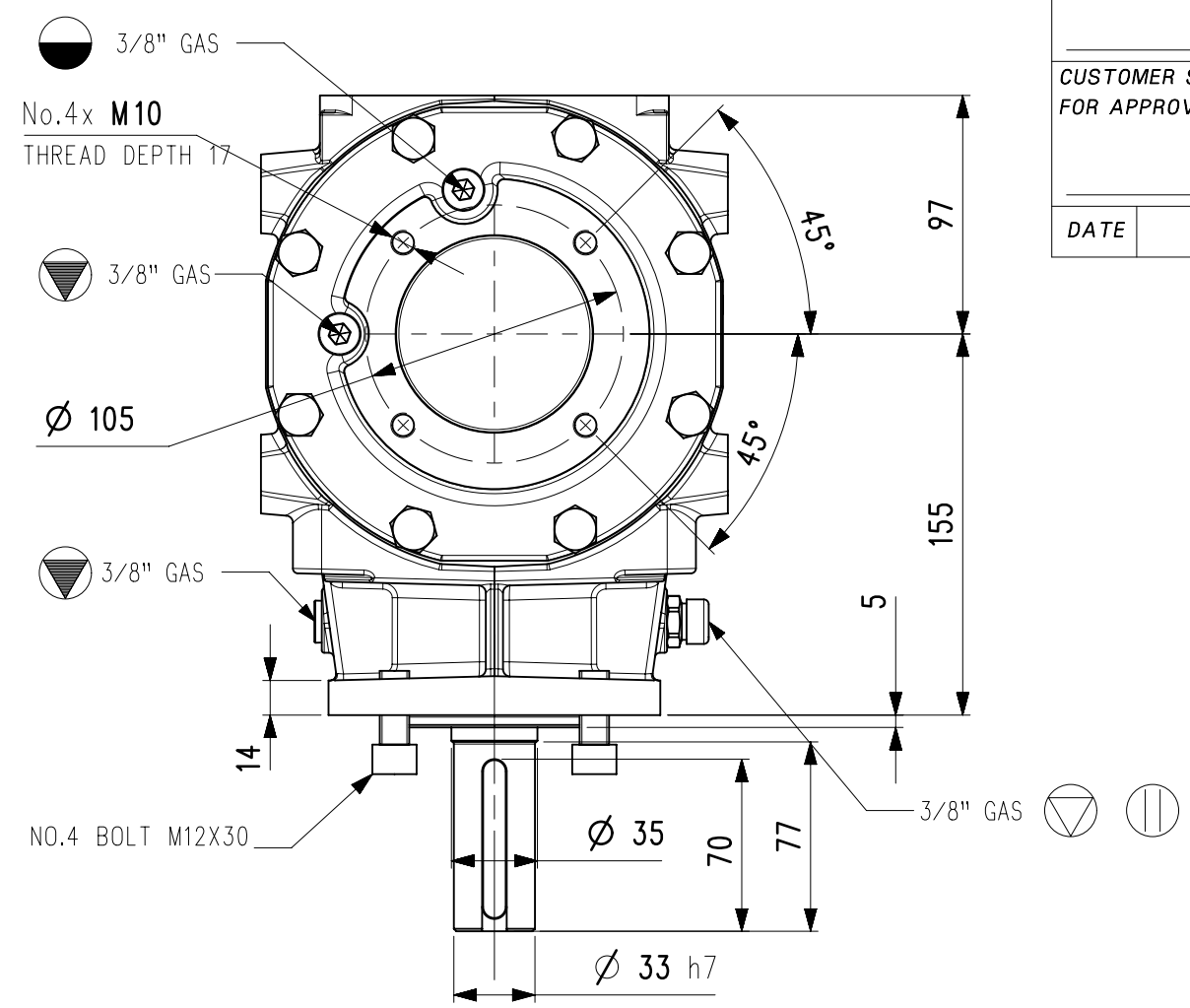
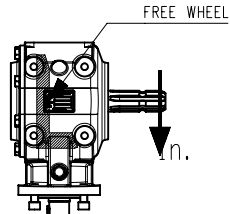




VISTA / VIEW R



FREE WHEEL

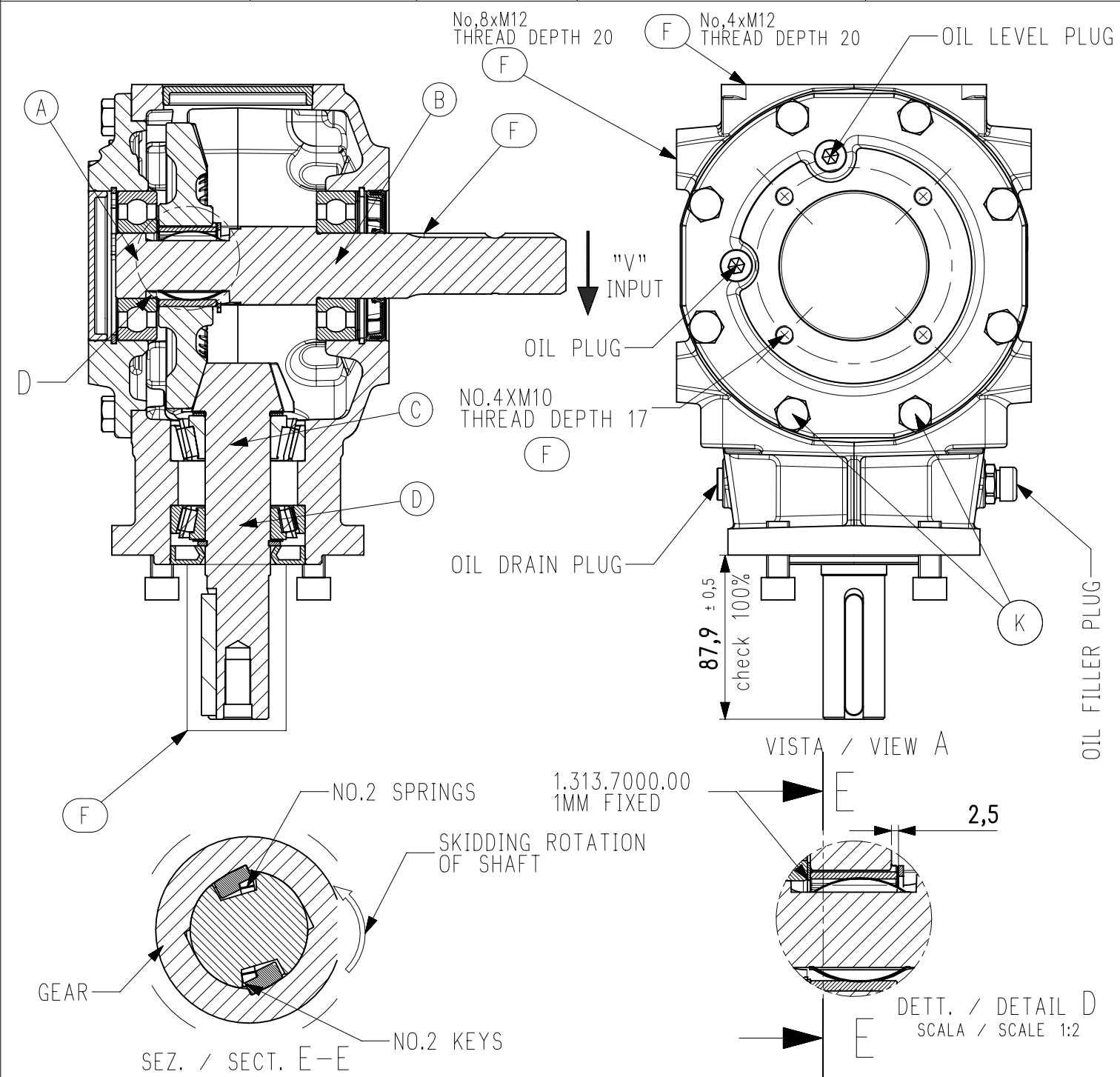
Rapporto Ratio 1:3 Verhältnis Rapport		Giri in entrata g/min. Input speed r.p.m. 540 Eingangsdrehzahl u/min. Tours en entrée tr/min.		Potenza in entrata 50 HP Input power Eingangsleistung 36.8 kW Puissance en entrée		Coppia in uscita 21 da Nm Output torque moment Ausgangsdrehmoment Couple en sortie				Code 9.311.885.30		Customer Ref.		 comer industries gearboxes			
Lubricant Oil ☒ Litres Grease ☐ kg. Recommended type SAE.90EP Estimated quantity Lt. 1.2 Gearbox supplied with Lubricant ☐ Yes ☒ No		Cuscinetti Bearings Lager Roulements	A 6307 B 6307 C 32207 D 30207 E F G H	Peso - Weight- Gewicht - Poids 21.6 kg.		☐	Tappo sfiato - Breather plug Entlüftungsstopfen-Bouchon ventilation		☒ 1 : X ☐ 1 : 1 ☐ X : 1	Designation T-311J		Date 5/July/2018				Company	
			☒	 Denti diritti Straight Gerade Droite	 Denti elicoidali Helicoidal Schraubenfoermig Helicoidale	☐	Tappo carico - filler plug Fullstopfen - Bouchon remplissage			Gearbox not painted ☒ Gearbox painted ☐							
COMER INDUSTRIES reserves the right to make any change to this product without prior public acknowledgement COMER INDUSTRIES S.p.A. 42046 Villanova di Reggiolo (R.E.) Italia Tel. 0522\974111 fax 0522\973249																	

CUSTOMER

CUSTOMER SIGNATURE FOR APPROVAL

DATE

 comer industries gearboxes	RIF.		COMPANY:		INDEX	COM. N°
					30	23710
	RATIO	FIG. MONT.	COD.LETT.	T-311J	CODE	
1:3			COD.NUM.	311	9.311.885.30	



SPECIFICA CIS.1.01 PRODOTTO-PROCESSO PRODUCT-PROCESS SPECIFICATION CIS.1.01		CLASSE FUNZIONALE FUNCTIONAL CLASS	
 CARATTERISTICA REPORT REPORT CHARACTERISTIC	0	CF 3	MOUTH OF THE PRODUCTION (BY LETTER A-L) YEAR OF PRODUCTION (LAST TWO DIGIT) SERIAL NUMBER SUPPLIER IDENTIFICATION (PREVIOUSLY PRINTED)
 CARATTERISTICA IMPORTANTE CRITICA CRITICAL CHARACTERISTIC	0		
 CARATTERISTICA DI ATTENZIONE WARNING CHARACTERISTIC	0		
 CARATTERISTICA DI FISSAGGIO CLIENTE FIT CHARACTERISTIC	4		

 comer industries gearboxes	RIF.		COMPANY:		INDEX	COM. N°
					30	23710
	RATIO	FIG. MONT.	COD.LETT.	T-311J	CODE	
1:3			COD.NUM.	311	9.311.885.30	

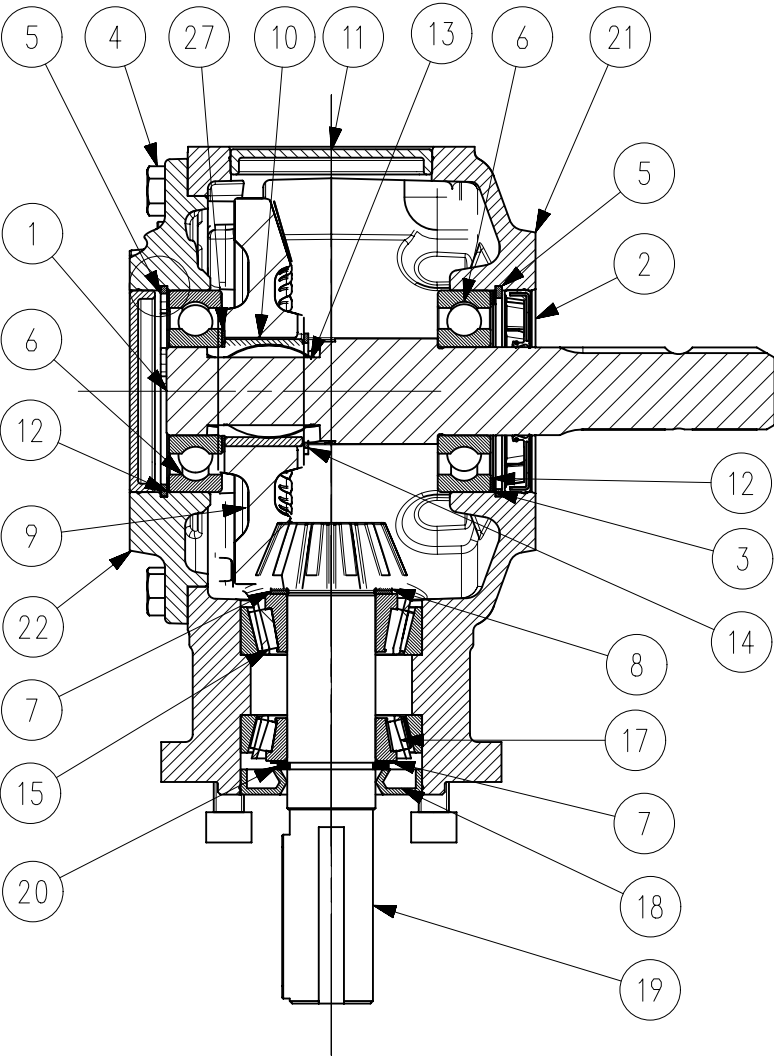
ASSEMBLY NOTES

- Gear backlash 0.13-0.35 mm
- Preload the bearing of output shaft at 4-10 kgcm without oil seal
- Clearance input shaft 0-0.2 mm without oil seal
- Tighten the cover bolts in pos. **A** at 5-6.4 kgm
- Assemble the bolts code 8.1.2.00311 on the flange in pos. **D** without preload
- Apply silicone sealant between cover and housing in pos. **A**
- Spray antirust oil inside the housing at last operation
- Apply silicone sealant on bolts in pos. **K**
- The arrow "V" indicates the work rotation of shaft (su the skidding is with opposite rotation)
- In pos. **A** insert the shim 0.313.7000.00 only between bearing and gear crown
- Apply a small layer of molykote type "GN/PLUS" on inside $\varnothing$ of gear and on outside $\varnothing$ of shaft. Don't apply on keys seat
- Tighten oil plug at 3 kgm max; grease with grease the hole before assembling the plug
- Oil seal in pos. **B** and **C** : apply bisulphide molybdenum grease between principal lip and dust lip
- Assemble the seal on input shaft with sleeve
- Assemble input seal under casting 1mm , assemble the seal on output shaft the same level with casting

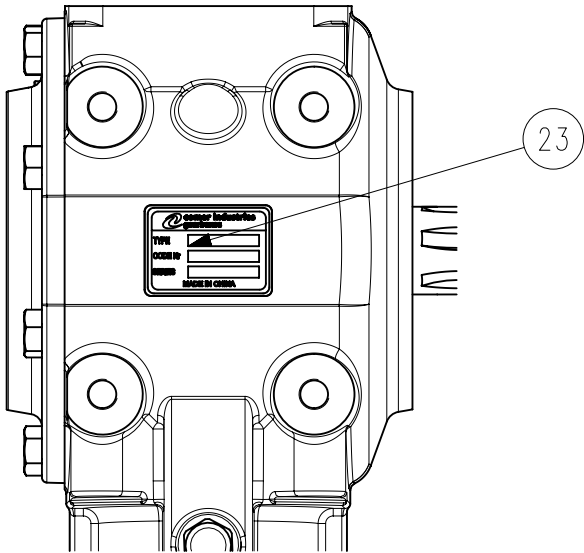
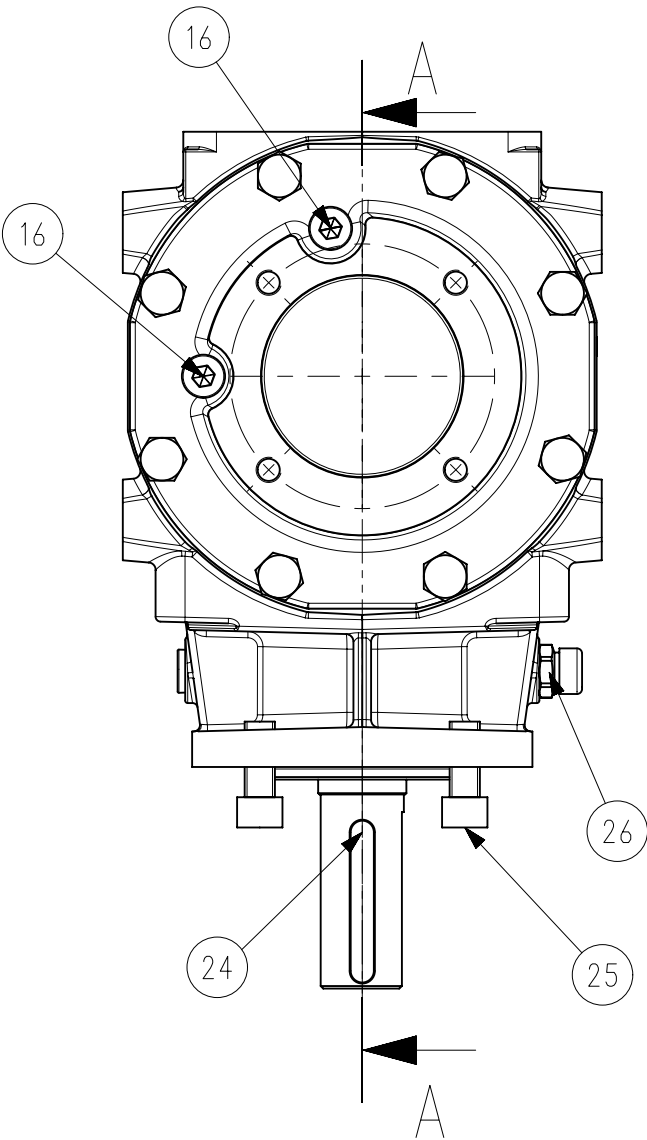
THEORETICAL SHIMS:

A	0.8mm	B	2mm	C	2.15mm	D	0.85mm
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 comer industries gearboxes	RIF.				COMPANY:		INDEX	COM. N°
							30	23710
	RATIO	FIG. MONT.	COD.LETT.		T-311J	CODE		
	1:3		COD.NUM.		311	9.311.885.30		



SEZ. / SECT. A-A



DESIGNATION	GEAR BOX	T-311J	CODE N°	9.311.885.30
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POS.	DRG. N.	PIEC	DESCRIPTION
1	0.311.3206.00	1	INPUT SHAFT 1"3/8 Z6
2	8.7.1.00315	1	DOUBLE LIP SEAL 35X80X10
3	0.267.7510.00	1	SHIM 69.0X 79.7x1.0
4	8.1.1.00061	8	BOLT HH M10x25 UNI5739 8.8
5	8.5.2.00030	2	SNAP RING HOLE D80 UNI7437 DIN472
6	8.0.1.00049	2	BALL BEARING 6307
7	0.259.7500.00	2	SHIM KIT 35.3x48.0
8	0.259.7510.00	1	SHIM 35.3x48.0x1
9	0.311.6235.00	1	BEVEL GEAR FORGED Z36 M4.35
10	0.267.7109.00	2	KEY FOR FREE WHEEL
11	8.7.0.00790	2	CAP 80X10
12	0.267.7500.00	2	SHIM KIT 69.0x79.9
13	0.267.7110.00	2	SPRING .
14	8.5.1.00712	1	SNAP RING SHAFT 42 UNI7435
15	8.0.9.00127	1	TAPERED ROLLER BEARING 32207
16	8.6.6.00201	3	PLUG 3/8"GAS
17	8.0.9.00026	1	TAPERED ROLLER BEARING 30207
18	8.7.3.00055	1	OIL SEAL 35X72X10 NBR
19	0.311.5012.00	1	PINION SHAFT FORGED Z12 M4.35
20	8.5.1.00583	1	SNAP RING SHAFT 35 UNI7436
21	0.311.0505.00	1	HOUSING
22	0.311.1501.00	1	COVER
23	0.124.7135.00	1	NAME PLATE
24	8.4.1.01689	1	PARALLEL KEY A 10x8x65
25	8.1.2.00311	4	BOLT HSH M12x30 UNI5931 8.8
26	8.6.7.00161	1	BREATHER PLUG 3/8"GAS
27	0.313.7000.00	1	SHIM 48.0x35.3x1