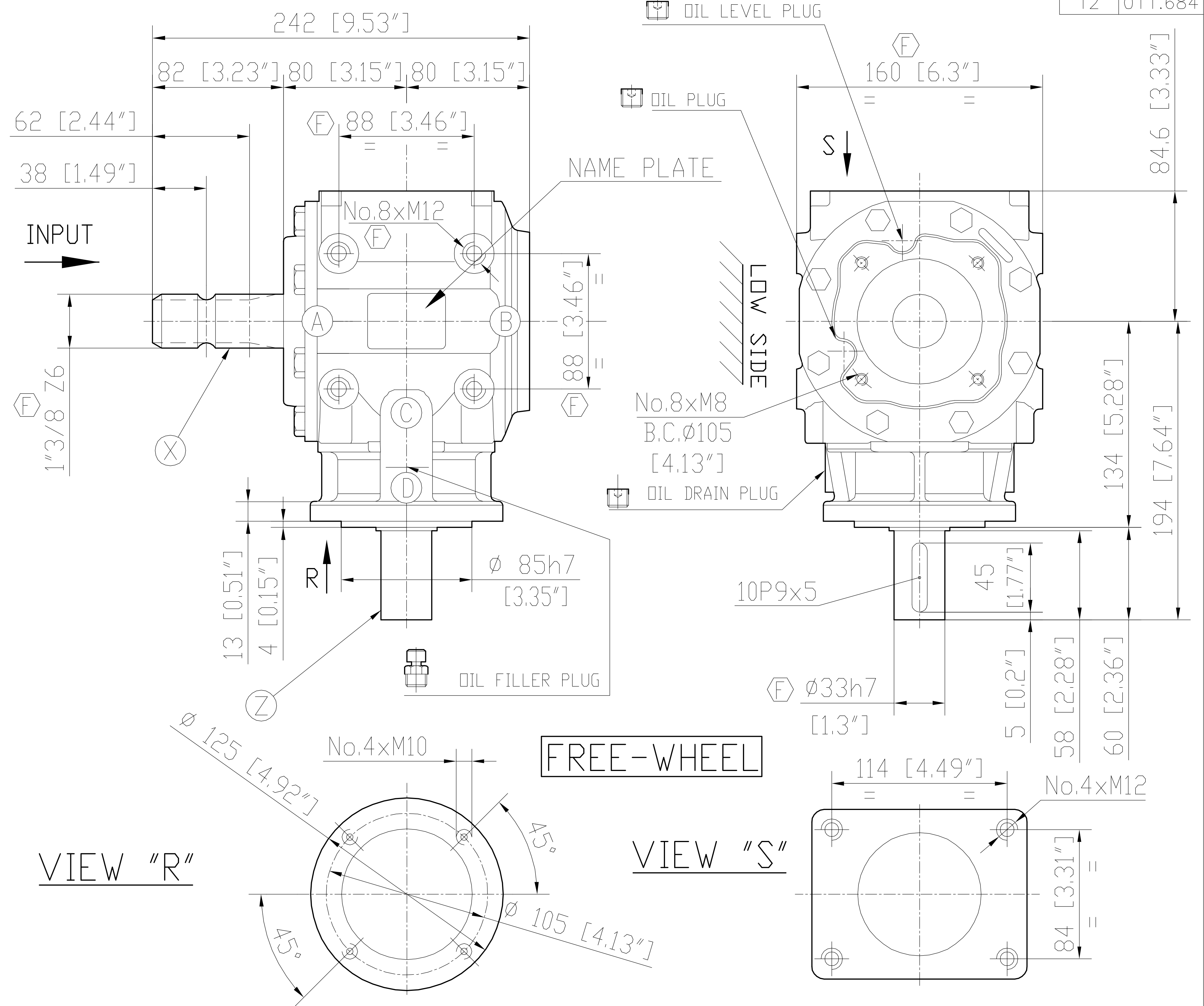
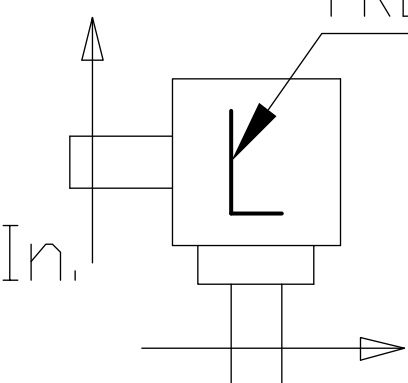


FIT CHARACTERISTIC: 

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SPEED INCREASING UNIT

Ratio i		Rated input r.p.m.		Rated input power HP kW		Rated output torque da Nm		Weight Kg		Oil ☒ Grease ☐ Type Quantity Kg.							
1 : 3		540		30 22.1		12.6		18		SAE.90EP Lt. 0.8							
Gear Arrangement		Bevel couplings						Cylindrical couplings						Bearings			
		Helicoidal	Straight	Teeth number				Module	Helicoidal	Straight	Teeth number				Module	A	6307
			*	Z 1	Z 2	Z 3	Z 4	M.			Z 1	Z 2	Z 3	Z 4	M.	B	6307
				12	36			3.45								C	30207
																D	30207
																E	
Components material																F	
Casing		Shaft X		Shaft Z		Bevel gear		Spur gear		G							
ASTM 60-40-18		AISI 3120		AISI 3120		AISI 3120				H							

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 (9 Linee) Telefax 0522\973249



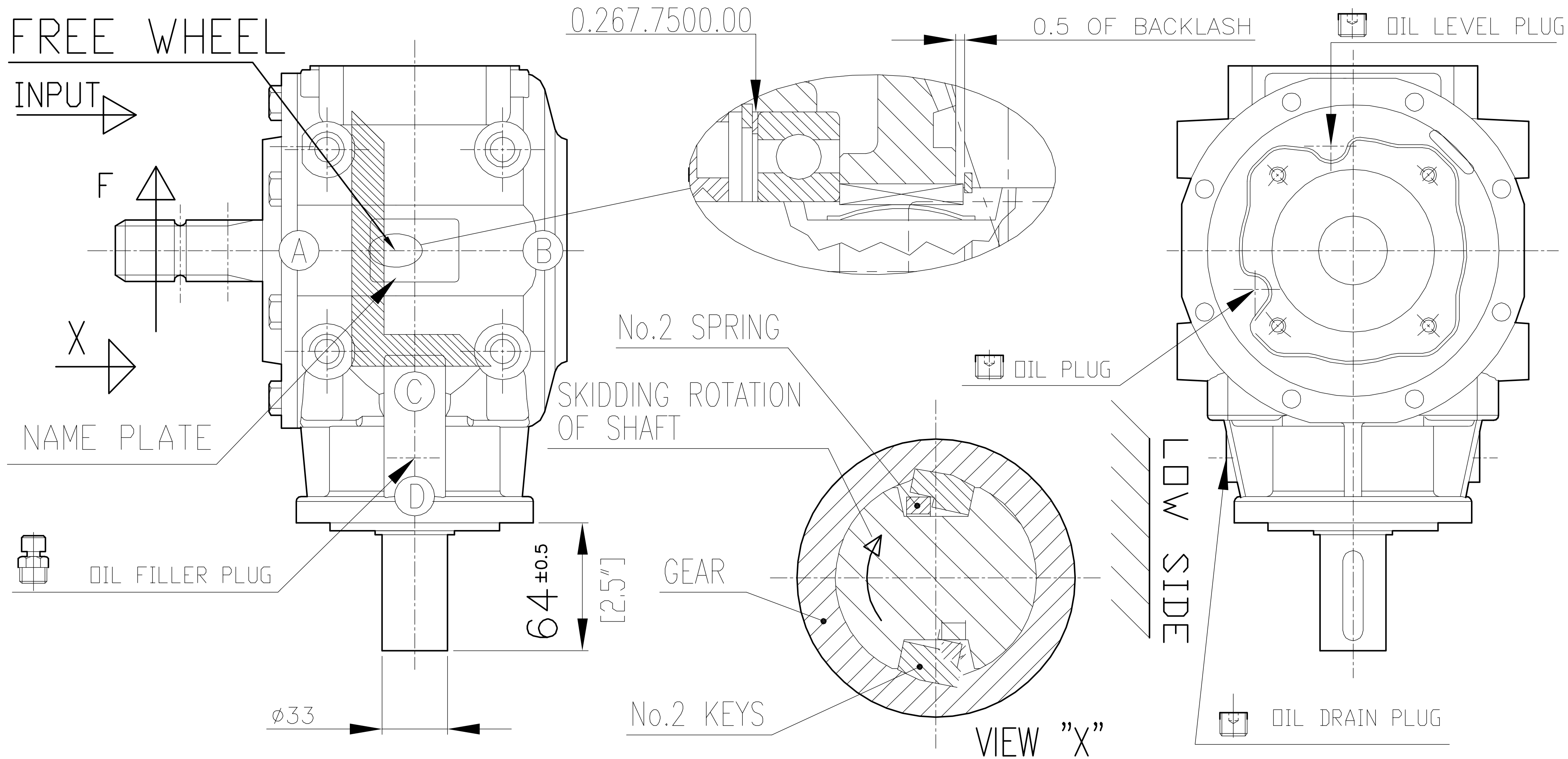
COMPANY:

COM. N°

011.684

CODE

9.310.875.10



ASSEMBLY NOTES

- PRECARICO ASSE DI U. (SENZA PARAOLIO).
- GIOCO ASSIALE DI ENTRATA (SENZA ANELLI DI TENUTA). DI TENUTA).
- GIOCO DI INGRANAMENTO.
- SERRAGGIO VITI COPERCHIO IN POS. -A- .
- APPLICARE SILICONE TRA SCATOLA E COPERCHIO IN POS.-A- .
- LA FRECCIA "F" INDICA LA ROTAZIONE DI LAVORO DELL'ALBERO (SI HA QUINDI LO SLITTAMENTO CON ROTAZIONE OPPOSTA) .
- AGGIUNGERE CON PENNELLO UN SOTTILE STRATO DI MOLYKOTE TIPO GN/PLUS COD.8.8.9.02185 SUL ϕ INTERNO DELL'INGRANAGGIO E SUL ϕ ESTERNO DELL'ALBERO , TRALASCIANDO LE 2 CAVE PER LINGUETTA .
- AVITARE LE VITI COD.8.1.2.00198 SULLA FLANGIA IN POS. -D- SENZA PRECARICHI .
- NEBULIZZARE ALL'INTERNO DELLA SCATOLA CON "NUCLEOIL 10" COME ULTIMA OPERAZIONE .
- UTILIZZARE PARAOLI MARCA "CFW-CP" (Changchun oilseal - CoLTD Nok-Corteco Joint Venture) .
- IN CASO DI MANCANZA MISURE RICHIESTE UTILIZZARE "CORTECO" FORNITURA ITALIA .
- SERRAGGIO TAPPI OLIO 3 Kgm.: INGRASSARE CON IL FORO PRIMA DI MONTARE IL TAPPO.
- PARAOLIO IN POS. -A- : APPLICARE GRASSO AL BISOLFURO DI MOLIBDENO TRA I DUE LABBRI.

- OUTPUT SHAFT BEARINGS PRELOAD (WITHOUT OIL SEAL) .
- INPUT SHAFT AXIAL CLEARANCE (WITHOUT OIL SEAL).
- GEARS BACKLASH .
- TIGHTENING INPUT COVER BOLTS.
- APPLY SILICONE SEALANT BETWEEN HOUSING AND COVER IN POS.-A- .
- THE ARROW "F" INDICATES THE WORK ROTATION OF SHAFT (SU THE SKIDDING IS WITH OPPOSED ROTATION).
- APPLY A SMALL LAYER OF MOLYKOTE TYPE "GN/PLUS" CODE 8.8.9.02185 WITH BRUSH ON INSIDE DIA. OF GEAR AND ON OUTSIDE DIA. OF SHAFT . DON'T APPLY MOLYKOTE ON TWO KEYS SEAT .
- ASSEMBLE THE BOLTS COD.8.1.2.00198 ON THE FLANGE POS. -D- WITHOUT PRELOAD .
- SPRAY "NUCLEOIL 10" INSIDE THE HOUSING AS LAST OPERATION .
- USE OIL SEAL "CFW-CP" China production (Changchun oilseal – CoLTD Nok-Corteco Joint Venture) .
- IF THE REQUESTED SIZES ARE NOT AVAILABLE USE "CORTECO" ITALIAN SUPPLY .
- TIGHTEN OIL PLUG AT 3 Kgm. : GREASE WITH GREASE THE HOLE BEFORE ASSEMBLING THE PLUG.
- OIL SEAL IN POS.-A- : APPLY BISULPHIDE MOLYBDENUM GREASE BETWEEN PRINCIPAL LIP AND DUST LIP.

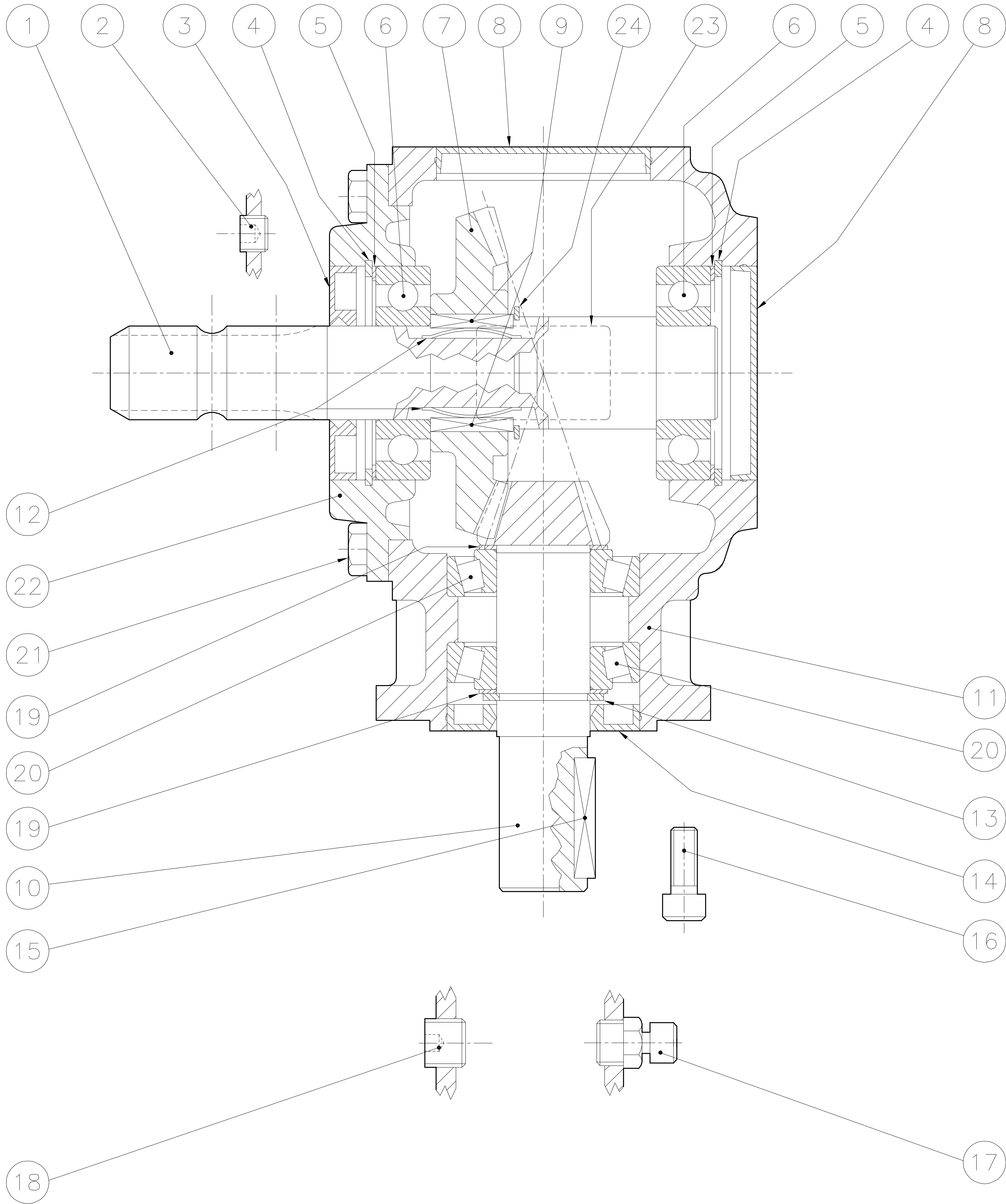
0.10 ÷ 0.28 mm.
5 ÷ 6.5 Kgm.

THEORETICAL SHIMS / SPESS.TEORICA IN :

(A) 0.9 mm. (B) 0.9 mm. (C) 0.95 mm. (D) 0.95 mm.

COMPANY	REF.	DESIGNATION
		T-310J
DATE	CODE	
01/MAR/11	9.310.875.10	

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 comer industries gearboxes		REF.OFF.			COMPANY : .		INDEX	COM. N°	
							12	011.684	
		RATIO		FIG. MONT.	COD.LETT.	T-310J	CODE		
1 : 3		21 - 22		COD.NUM.		310		9.310.875.10	
POS.	DRG. Nr.		PCS.	DESCRIPTION					
1	0.311.3201.00		1	INPUT SHAFT FREE-WHEEL 1”3/8 Z6					
2	8.6.6.00271		2	1/4” GAS OIL PLUG WHIT EMBEDDED HEXAGON					
3	8.7.1.00315		1	DUST LIP (35x80x10)					
4	8.5.2.00030		2	SNAP RING (80x83.5x2.5 , FOR HOLES)					
5	0.267.7500.00		2	SHIM KIT (69x79.7)					
6	8.0.1.00049		2	BALL BEARING 6307 (35x80x21)					
7	0.310.6010.00		1	CROWN WHEEL Z36 M3.45					
8	8.7.0.00790		2	OIL CAP (80x10)					
9	0.267.7109.00		2	KEY FOR FREE WHEEL					
10	0.310.5002.00		1	PINION SHAFT Z12 M3.45					
11	0.310.0304.00		1	HOUSING					
12	0.267.7110.00		2	RUBBER BAND					
13	8.5.1.00583		1	SNAP RING (35x33x2.5 , FOR SHAFTS)					
14	8.7.3.00055		1	OIL SEAL (35x72x10)					
15	8.4.1.00314		1	PARALLEL KEY A (10x8x45)					
16	8.1.2.00198		4	BOLT M10x25 HEX SOCKET HEAD CAP SCREWS (8.8)					
17	8.6.7.00161		1	3/8” GAS OIL VENT PLUG					
18	8.6.6.00201		1	3/8” GAS OIL PLUG WHIT EMBEDDED HEXAGON					
19	0.259.7500.00		2	SHIM KIT (35.3x48)					
20	8.0.9.00026		2	ROLLER BEARING 30207 (35x72x18.25)					
21	8.1.1.00501		8	BOLT M10x22 HHB (8.8)					
22	0.310.1300.00		1	COVER					
23	0.124.7135.00		1	NAME PLATE					
24	8.5.1.00712		1	SNAP RING (42x39.5x1.75 , FOR SHAFTS)					

SHIPPED SEPARATELY			
POS.	DRG. Nr.	PCS.	DESCRIPTION