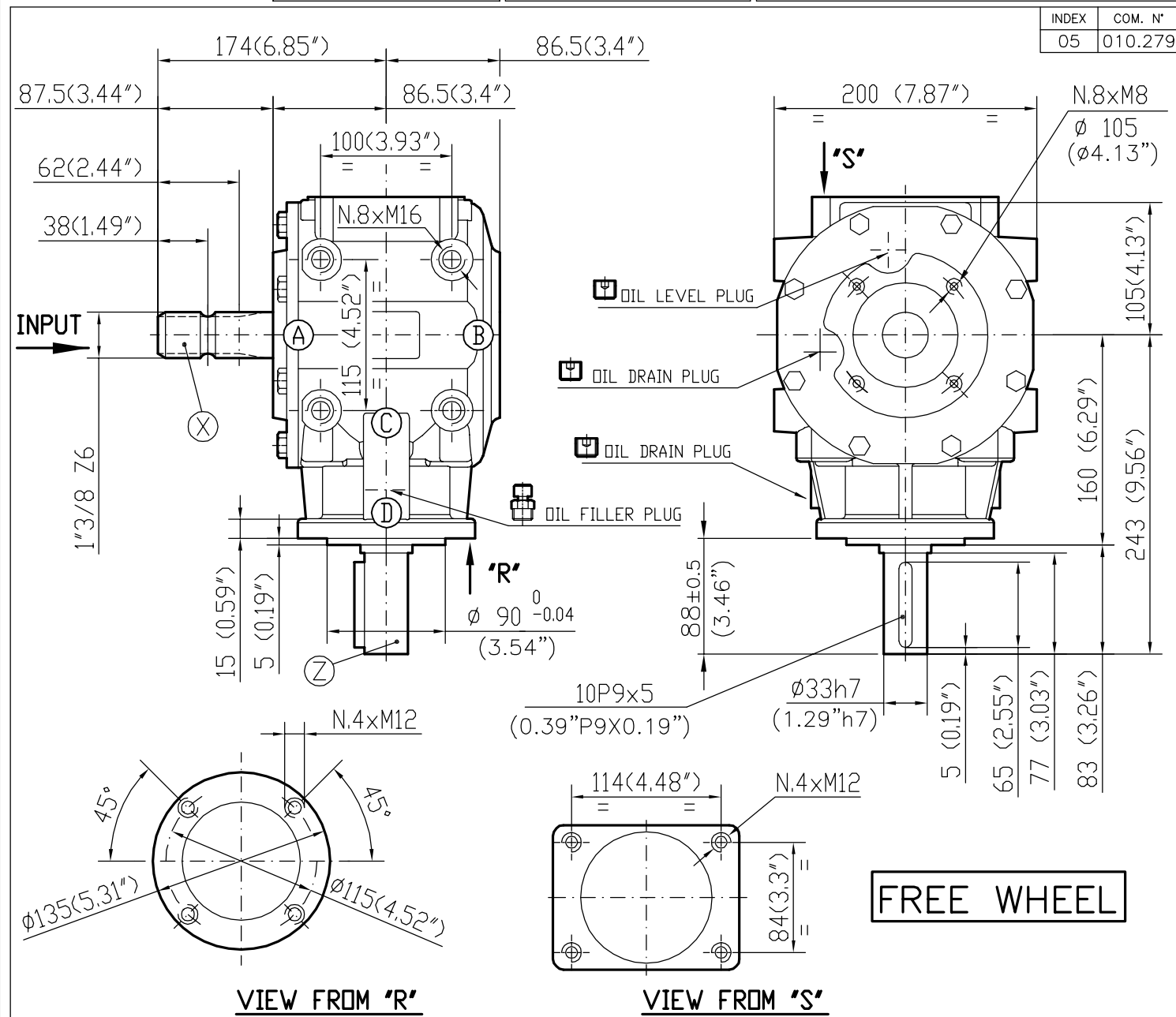
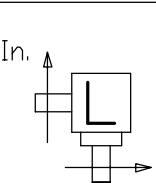


COMPANY	REF.	DESIGNATION
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DATE	CODE	
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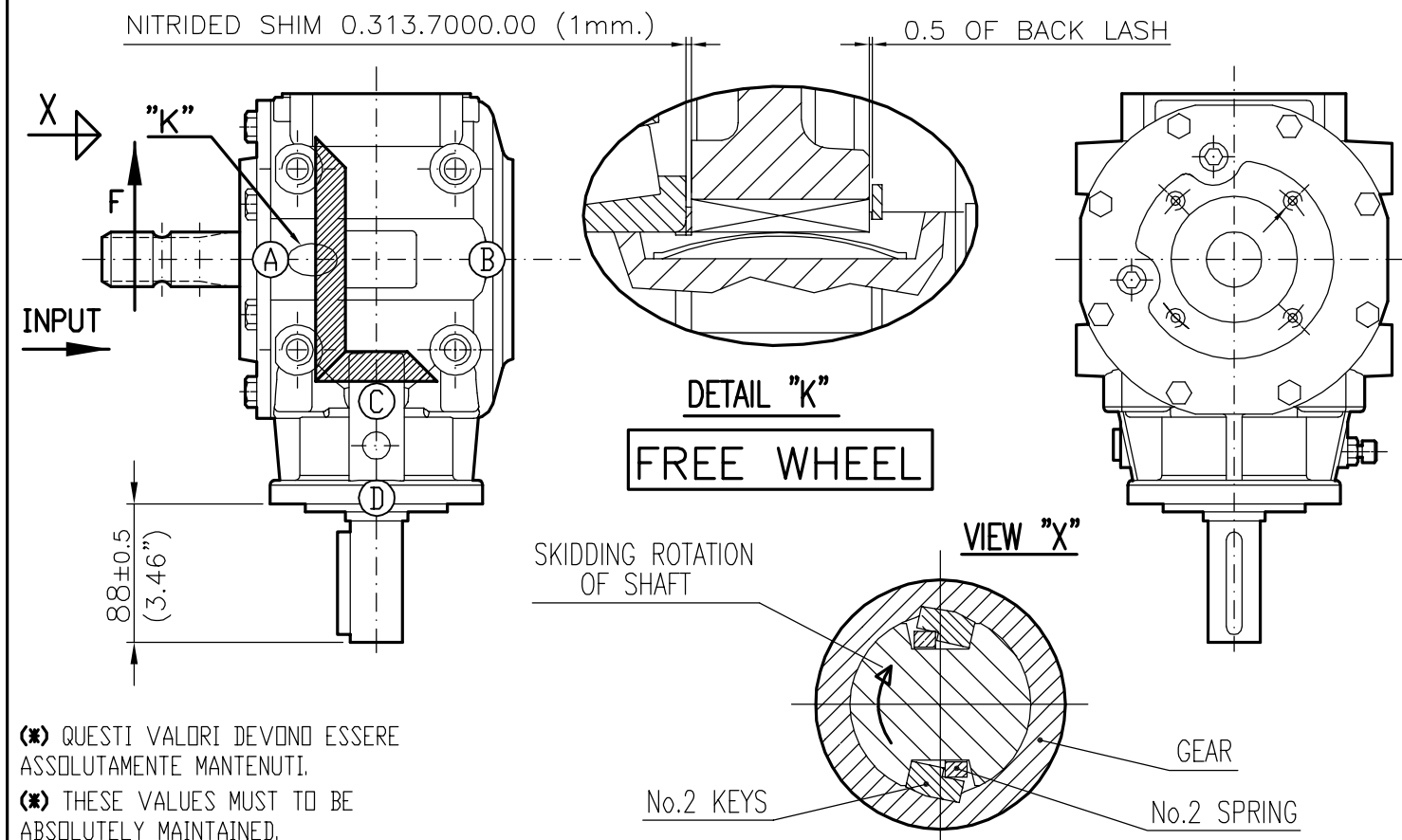
SPEED INCREASING UNIT	Ratio i		Rated input r.p.m.		Rated input power HP kW		Rated output torque da Nm	Weight Kg	Oil ☒ Grease ☐ Type Quantity Lt.								
	1 : 3		540		62 45.6		26.1	27	SAE.90EP 1.5								
	Gear Arrangement		Bevel couplings					Cylindrical couplings				Bearings					
		Helicoidal	Straight	Teeth number				Module	Helicoidal	Straight	Teeth number				Module	A	30307
				Z 1	Z 2	Z 3	Z 4	M.			Z 1	Z 2	Z 3	Z 4	M.	B	6208
			*	12	36			4.58								C	32208
																D	30208
															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

COME 9.313.874.00 MA CON RUOTA LIBERA

REF.	—	COMPANY:	COMMERCIAL	INDEX	COM. N°
				05	010.279
RATIO	FIG. MONT.	COD.LETT.	T-313J	CODE	
1 : 3	21-22	COD.NUM.	313	9.313.875.00	



(*) QUESTI VALORI DEVONO ESSERE ASSOLUTAMENTE MANTENUTI.

(*) THESE VALUES MUST TO BE ABSOLUTELY MAINTAINED.

NOTE DI MONTAGGIO

- MONTARE LO SPESS. DI REG. COD. 0.244.7500.00 IN POS. "D" TRA LO SPESSORE FISSO COD.0.113.7100.00 ED IL CUSCINETTO 30208
- GIOCO DI INGRANAMENTO 0.14 ÷ 0.23 mm.
- PRECARICARE L'ASSE DI USCITA A 4÷10 Kgcm (*)
- (SENZA PARADILIO)
- PRECARICARE L'ASSE DI ENTRATA A 0÷4 kgcm
- (SENZA PARADILIO)
- SERRARE LE VITI COPERCHIO IN POS."A" A 5÷6.5 Kg.
- APPLICARE SILICONE TRA COP. E SCATOLA IN POS. "A".

- IN POS. "A" TRA CUSC. E CORONA METTERE SOLAMENTE LO SPESS. COD. 0.313.7000.00.
- NEBULIZZARE ALL'INTERNO DELLA SCATOLA CON "NUCLEOIL 10" COME ULTIMA OPERAZIONE
- AVVITARE LE VITI COD. 8.1.2.00311 SULLA FLANGIA IN POS."D" SENZA PRECARICHI
- IL PARADILIO IN POS. "D" VA MONTATO PARI ALLA SCATOLA

- LA FRECCIA "F" INDICA LA ROTAZIONE DI LAVORO DELL'ALBERO (SI HA QUINDI LO LITTAMENTO CON ROTAZIONE OPPOSTA).
- AGGIUNGERE CON PENNELLO UN SOTTILE STRATO DI MOLYKOTE TIPO GN/PLUS COD. 8.8.9.02185 SUL Ø INTERNO DELL'INGRANAGGIO E SUL Ø ESTERNO DELL'ALBERO, TRALASCIANDO LE 2 CAVE PER LINGUETTA.
- I TAPPI DEL COPERCHIO NON DEVONO SPORGERE DAL PIANO ATTACCO CUFFIA
- CONTROLLARE 100% QUOTA DELLA SPORGENZA DEL PIGNONE IN USCITA (88±0.5).

ASSEMBLY NOTES

- ASSEMBLE SHIM KIT P/N 0.244.7500.00 IN POS. "D" BETWEEN SHIM P/N 0.113.7100.00 AND ROLLER BEARING.
- GEARS BACKLASH 0.14 ÷ 0.23 mm
- PRELOAD THE BEARINGS OF OUTPUT SHAFT AT 4÷10 Kgcm (*)
- (WITHOUT OIL SEAL)
- PRELOAD THE BEARINGS OF INPUT SHAFT AT 0÷4 Kgcm
- (WITHOUT OIL SEAL)
- TIGHTEN THE COVER BOLTS IN POS."A" AT 5÷6.5 Kg.
- APPLY SILICONE SEALANT BETWEEN COVER AND HOUSING IN POS. "A".
- IN POS. "A", INSERT THE SHIM COD. 0.313.7000.00 ONLY BETWEEN BEARING AND GEAR CROWN.
- SPRAY "NUCLEOIL 10" INSIDE THE HOUSING AS LAST OPERATION

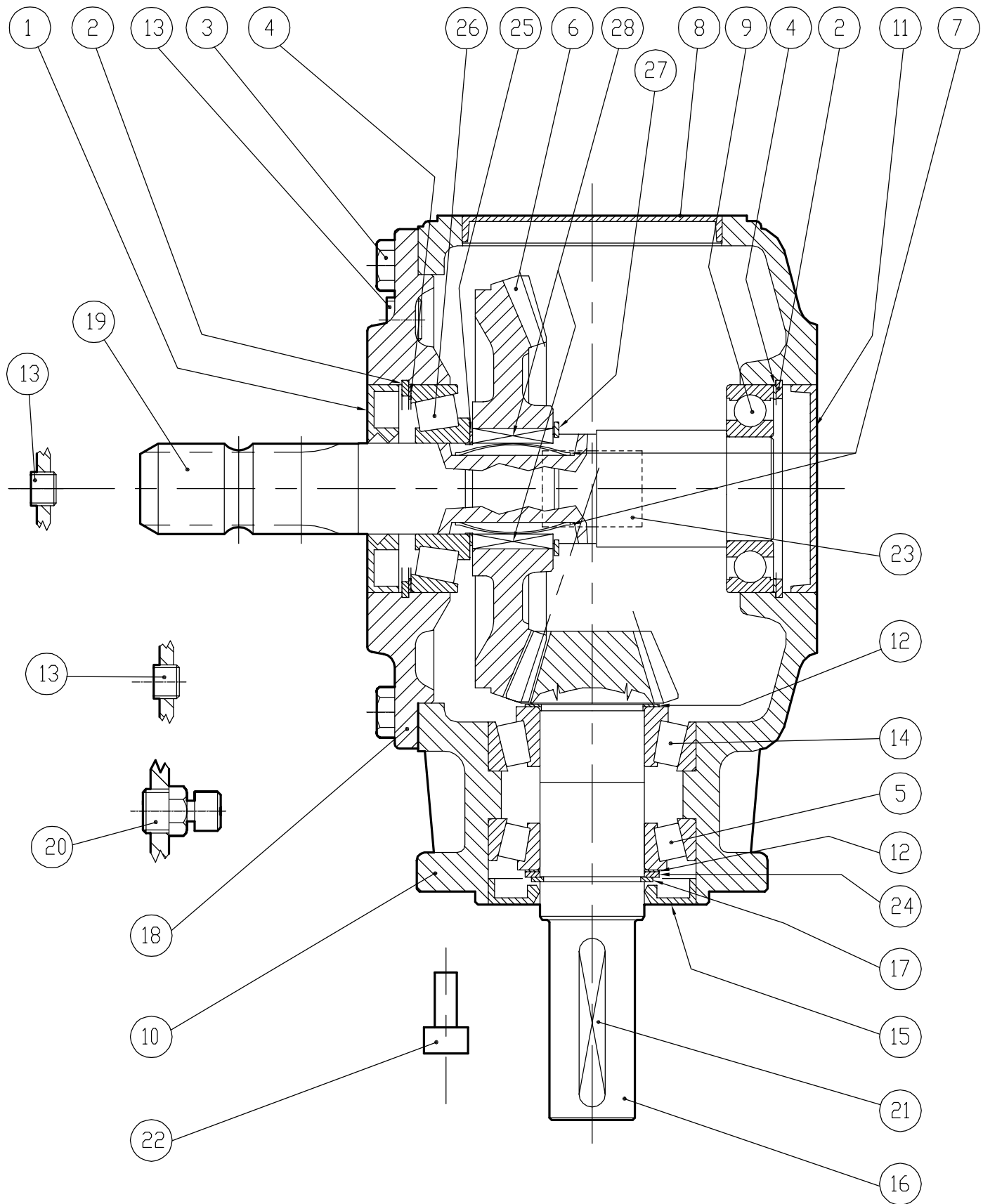
- ASSEMBLE THE BOLTS COD. 8.1.2.00311 ON THE FLANGE POS."D" WITHOUT PRELOAD .
- THE OIL SEAL (POS."D") MUST BE ASSEMBLED ON THE SAME LEVEL WITH THE PLANE HOUSING
- THE ARROW "F" INDICATES THE WORK ROTATION OF SHAFT (SU THE SKIDDING IS WITH OPPOSED ROTATION) .
- APPLY A SMALL LAYER OF MOLYKOTE TYPE "GN/PLUS" 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.
- THE COVER SOLID PLUGS MUST NOT STICK OUT FROM SHIELD MOUNTING PLANE
- CHECK 100% THE DIMENSION OF OUTPUT SHAFT OUTRIGEN (88±0.5).

SPESS. TEORICA IN:
THEORETICAL SHIMS: (A) 1+0.95 mm. (B) 0.90 mm. (C) 0.95 mm. (D) 2+0.7 mm.

COME 9.313.874.00 MA CON RUOTA LIBER

COMPANY	REF.	DESIGNATION
COMMERCIAL	DATE 24/jun/05	T-313J
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 comer industries gearboxes	RIF. , COMPANY: COMMERCIAL				INDEX	COM. N°
					05	010.279
	RATIO	FIG. MONT.	COD.LETT.	T-313J	CODE	
	1 : 3	21 - 22	COD.NUM.	313	9.313.875.00	

POS.	DRG. Nr.	PCS.	DESCRIPTION
1	8.7.1.00315	1	DUST LIP (35×80×10)
2	8.5.2.00030	2	SNAP RING (80×83.5×2.5 , FOR HOLES)
3	8.1.1.00061	8	BOLT M10×25 HHB (8.8)
4	0.267.7500.00	2	SHIM KIT (69×79.7)
5	8.0.9.00024	1	ROLLER BEARING 30208 (40×80×19.75)
6	0.312.6005.00	1	CROWN Z36 M4.58
7	0.267.7110.00	2	RUBBER BAND
8	8.7.0.00975	1	OIL CAP (100×10)
9	8.0.1.00871	1	BALL BEARING 6208 (40×80×18)
10	0.312.0300.00	1	CASTING & MACHINING
11	8.7.0.00790	1	OIL CAP (80×10)
12	0.244.7500.00	2	SHIM KIT (40.3×51.5)
13	8.6.6.00201	3	3/8" GAS SOLID PLUG WITH EMBEDDED HEX
14	8.0.9.00102	1	ROLLER BEARING 32208 (40×80×24.75)
15	8.7.3.00027	1	OIL SEAL (40×80×10)
16	0.313.5001.00	1	PINION SHAFT Z12 M4.58
17	8.5.1.00029	1	SNAP RING (40×37.5×1.75 , FOR SHAFTS)
18	0.312.1300.00	1	COVER
19	0.312.3005.00	1	INPUT SHAFT 1"3/8 Z6
20	8.6.7.00161	1	3/8" GAS OIL VENT PLUG
21	8.4.1.01689	1	PARALLEL KEY B (10×8×65)
22	8.1.2.00311	4	M12X30 HEX SOCKET HEAD CAP SCREWS (8.8)
23	0.124.7135.00	1	NAME PLATE
24	0.113.7100.00	1	SHIM (40.3×51.5×2)
25	0.313.7000.00	1	NITRIDED SHIM (48×35.3×1)
26	8.0.9.00129	1	ROLLER BEARING 30307 (35×80×22.75)
27	8.5.1.00712	1	SNAP RING (42×39.5×1.75 , FOR SHAFTS)
28	0.267.7109.00	2	KEY FOR FREE WHEEL

SHIPPED SEPARATELY			
POS.	DRG. Nr.	PCS.	DESCRIPTION