
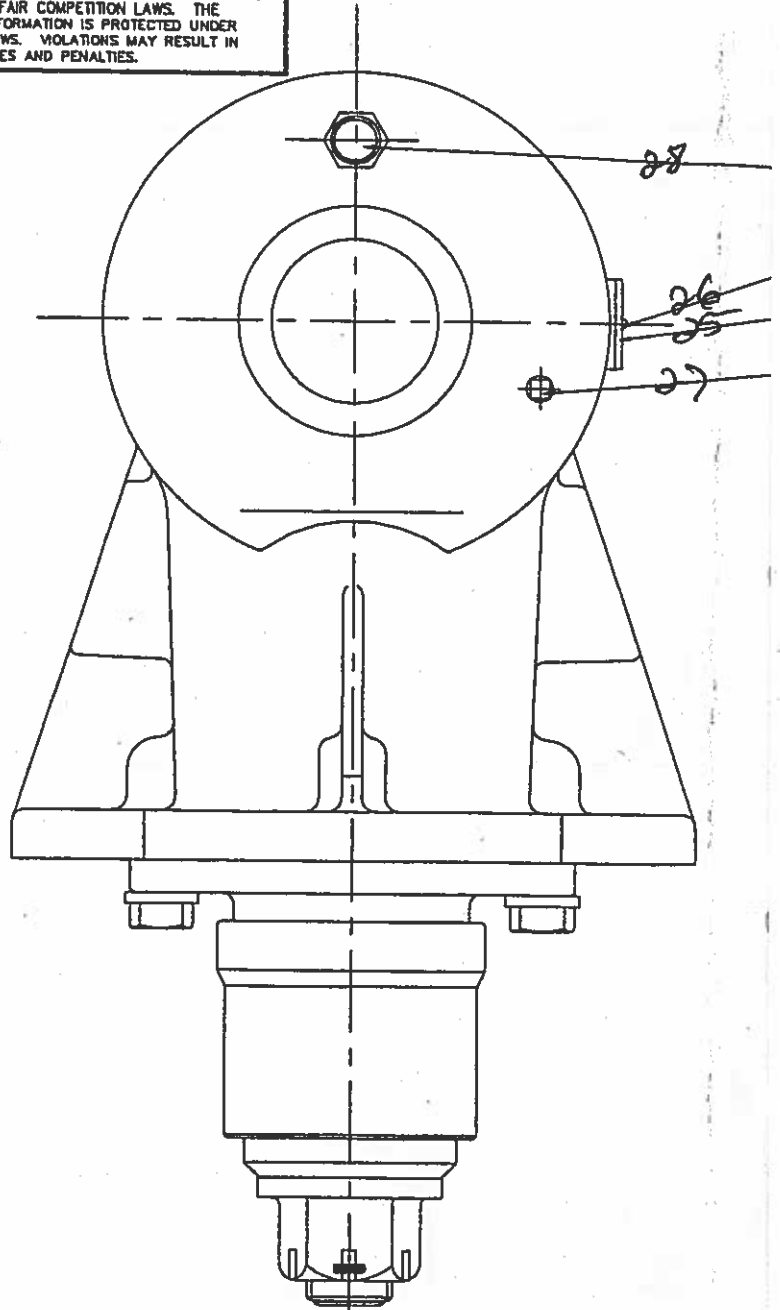


4' 1.1.93
RC 30

CONFIDENTIAL AND PROPRIETARY
 1. BY OMNI USA, INC., 7502 MESA DRIVE,
 028. ANY COPYING, USE OR DISCLOSURE
 IN PERMISSION OF OMNI USA, INC. IS
 2. THIS MATERIAL IS PROTECTED UNDER
 UNFAIR COMPETITION LAWS. THE
 INFORMATION IS PROTECTED UNDER
 LAWS. VIOLATIONS MAY RESULT IN
 FINES AND PENALTIES.

30	200040	1	SNAP RING
29	SEALANT, USED BETWEEN HOUSING AND CAP, PLUG		
28	140033	1	PLUG, PRESS RELIEF
27	140017	1	PIPE PLUG
26	240001	2	RIVET 2x5
25	190028	1	I.D. TAG
24	040040	1	INPUT SHAFT
23	060002	1	OIL SEAL $\phi 34.9 \times \phi 54 \times 9.5$
22	200001	1	RET. RING
21	030036	1	GEAR INPUT 29T
20	020161	1	CAP INPUT
19	050006	1	BEARING, BALL 207K
18	070131	VAR	GASKET 0.40
17	070132	VAR	GASKET 0.15
16	070133	VAR	GASKET 0.10
15	050007	3	BEARING, BALL 208K
14	200000	3	RET. RING
13	090000	1	SPACER
12	010001	1	HOUSING
11	070134	VAR	GASKET 0.40
10	070135	VAR	GASKET 0.15
9	070136	VAR	GASKET 0.10
8	020003	1	OUTPUT CAP
7	130060	10	SPRING WASHER M10
6	110190	10	BOLT M10x30
5	060003	1	OIL SEAL $\phi 39.7 \times \phi 54 \times 9.5$
4	030037	1	OUTPUT PINION
3	210013	1	BLADE HUB
2	120050	1	NUT
1	100001	1	COTTER PIN 5x45
DET PART NO. QTY DESCRIPTION			
 OMNI GEAR®			
TITLE		DRAWN BY	
ASSEMBLY		ZHH	
RC-30 SERIES		APPROVED BY	
(1.93:1)		DATE	
		19 AUG 99	
SCALE	ACAD REF. NUMBER	OMNI DVG. NUMBER	REV
NTS	25-250045-S	250045	-
ES			



1 of 1

1 SHOULD BE 0.15-0.35mm WITH NO LOAD, BUT NOT EXCEED 0.4mm WITH 20KG LOAD. NO ASSEMBLY SHOULD BE CHECKED PER THEY ALL ACCORDING TO SPECIFICATION THEN 5 QUALIFIED.
 F 10 PCS OF 110000 IS 29-39Nm.
 1-3 THREADS OF PLUG REMAIN EXPOSED
 PLUG-140000 IS 20-25Nm AND TORQUE IS 5 Nm.
 MUST BE PERFORMED, THE AIR PRESSURE LESS THAN 65464 Pa 30 SECONDS AFTER PRESSURE TO 68804 Pa.
 I.D. BE CLEANED BEFORE ASSEMBLY, BEARING ED IN OIL 20# (OR APPLIED WITH GREASE)
 I.
 I.D. BE WITHIN 4.8+0.3 AND NOT LESS EN 210013 AND 030037 MATE, AND NUT n. PARTS 210013 AND 100001 SHOULD BE

PACKAGED INDIVIDUALLY, PART 120050 SHOULD INSTALLED ON SHAFT 030037 LOOSELY.
 8) ALL ASSEMBLIES SHOULD BE TESTED WITHOUT AND 10% OF THEM SHOULD BE TESTED WITH F LOAD. SPEED OF INPUT SHAFT 540 n/m, TORQ OF OUTPUT SHAFT 179 Nm FOR 1 MINUTE. NO SHOULD'NT EXCEED 90db(A) AT 1m HEIGHT ADD OIL 20# TO THE CENTER OF GEAR FOR T REMOVE AFTER TESTING.
 9) PRIME HOUSING AND CAP, SHAFT SHOULD BE COVERED WITH PLASTIC TUBE AFTER BE PAINT WITH ANTRUST PAINT.
 10) ORIGINAL RECORDS OF CHEMICAL COMPONENT MECHANICAL PERFORMANCE OF MATERIAL SH BE KEPT.
 11) STAMP MANUFACTURING DATE ON I.D. TAG 1 AFTER ASSEMBLY INSPECTED OK.