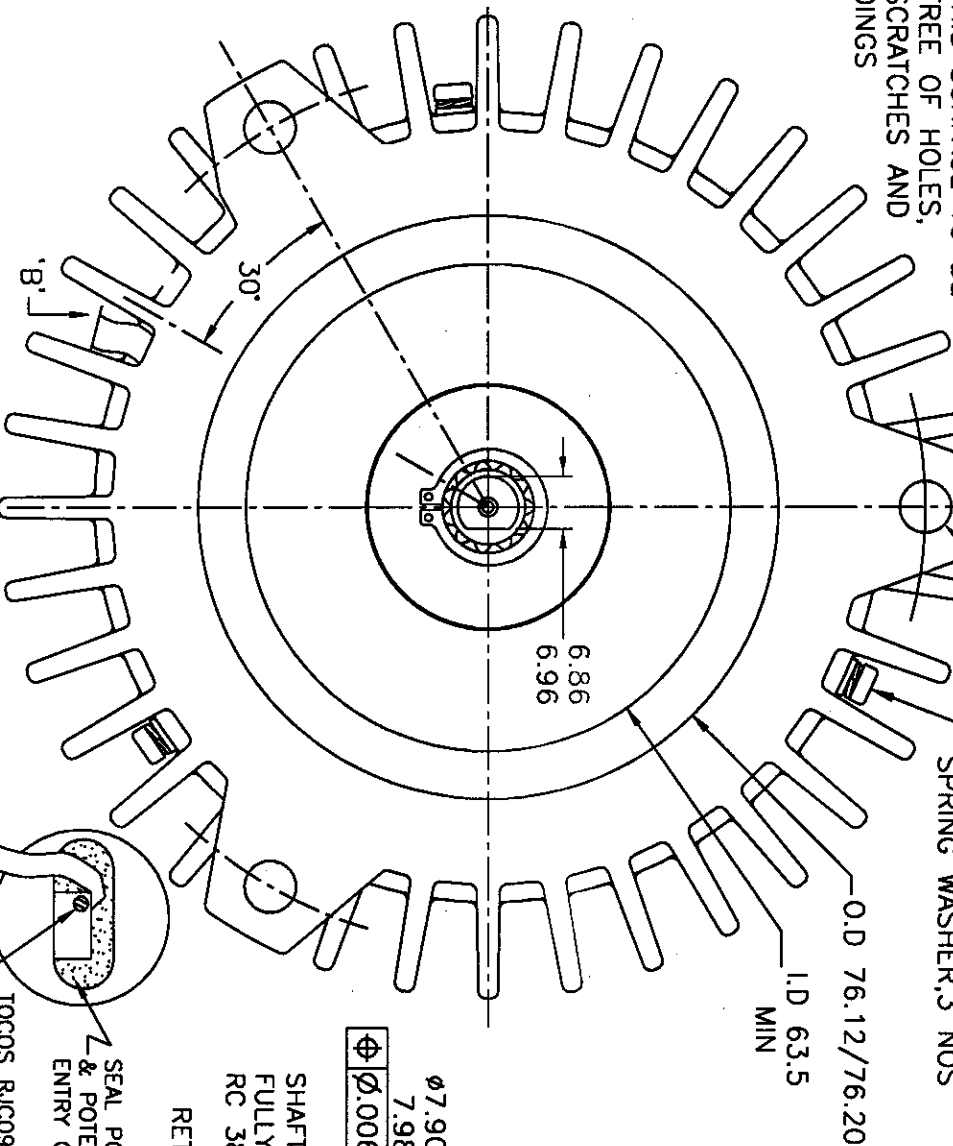


NOTE: THIS IS CONFIDENTIAL PROPERTY OF BMC. IT IS NOT TO BE COPIED OR DUPLICATED IN ANY MANNER AND SHALL NOT BE SUBMITTED TO OUTSIDE PARTIES WITHOUT OUR WRITTEN CONSENT.

PART NO	'L'	REF. H.P
12660-1	56.7	0.125
-2	65.7	0.5
-3	84.7	0.75

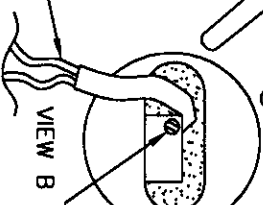
THIS SURFACE TO BE FREE OF HOLES, SCRATCHES AND DINGS



3 PLACES 120° APART  
 Ø6.50 THRU HOLES,  
 ON A 114.3 B.C.

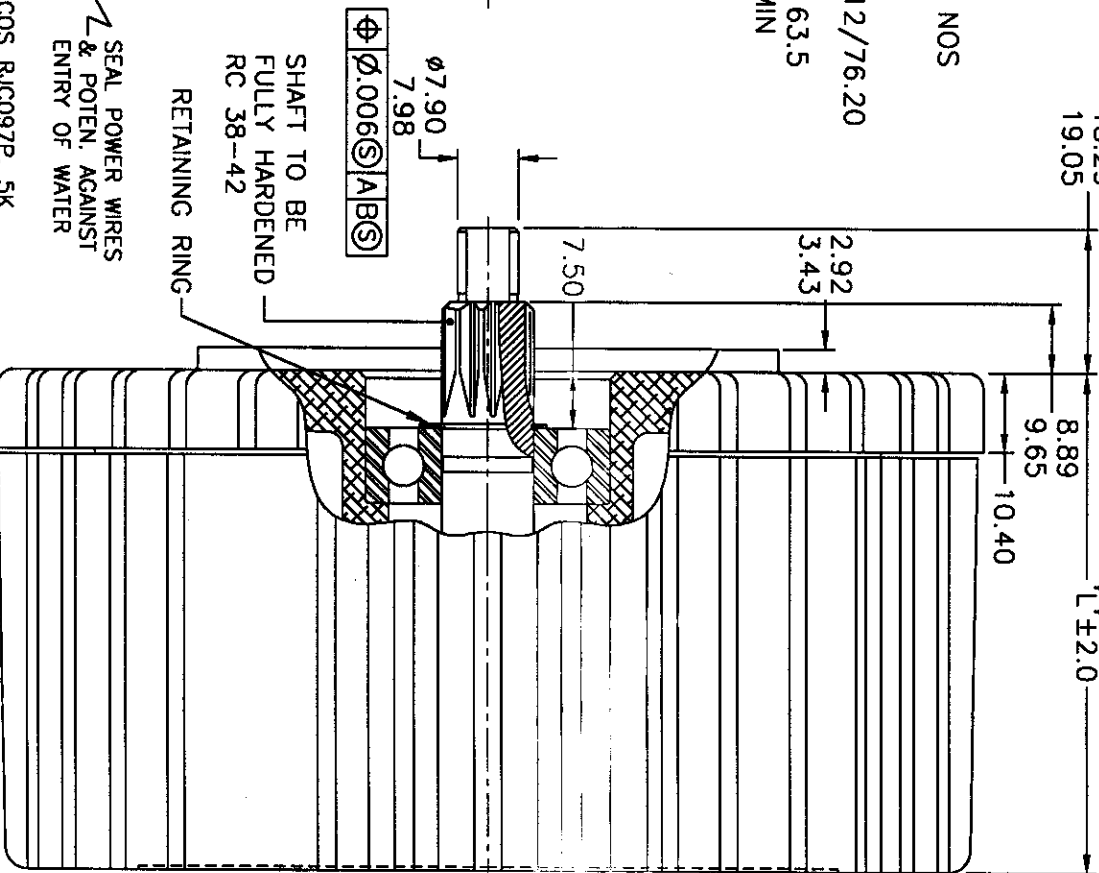
M3x7 LONG SCREW  
 WITH NYLON &  
 SPRING WASHER, 3 NOS

152.4-203.2  
 WIRE LENGTH



SEAL POWER WIRES  
 & POTEN. AGAINST  
 ENTRY OF WATER

TOCOS RUC097P, 5K  
 POTENTIOMETER OR EQUIVALENT.  
 WIRE SO THAT CLOCKWISE ADJUSTMENT  
 OF POTEN. SCREW INCREASES MOTOR SPEED



SHAFT TO BE FULLY HARDENED  
 RC 38-42

RETAINING RING

INVOLUTE SPLINE. FILLET ROOT. SIDE FIT  
 NUMBER OF TEETH:- 11  
 MODULE:- 1  
 PITCH DIA.:- 11.0  
 BASE DIA.:- 7.77  
 PRESSURE ANGLE:- 45°  
 CIRCULAR TOOTH THK.:- 1.56

NOTE:  
 1. DRIVE ELECTRONICS MOUNTED INSIDE THE MOTOR  
 2. ALL DIMENSIONS ARE IN MM.

TOLERANCES UNLESS NOTED	ANGULARITY
0	CIRCULAR RUNOUT
±.25	CONCENTRICITY
±.13	PERPENDICULARITY
ANGLE ± 2°	REFERENCE DIM.
(X) REF. DIM.	(X) DIAMETER

DRAWN BY:  
 PART H  
 CHECKED BY:  
 SCN  
 DATE:  
 03 APRIL 2003

**BMC** BRUSHLESS MOTOR CO.  
 7525 Hawthorn Ave., Suite 24, Van Nuys, CA 91410, USA  
 MOTOR OUTLINE  
 36 FRAME  
 12660C

REV.	DATE	BY	ECN	REMARKS	CK