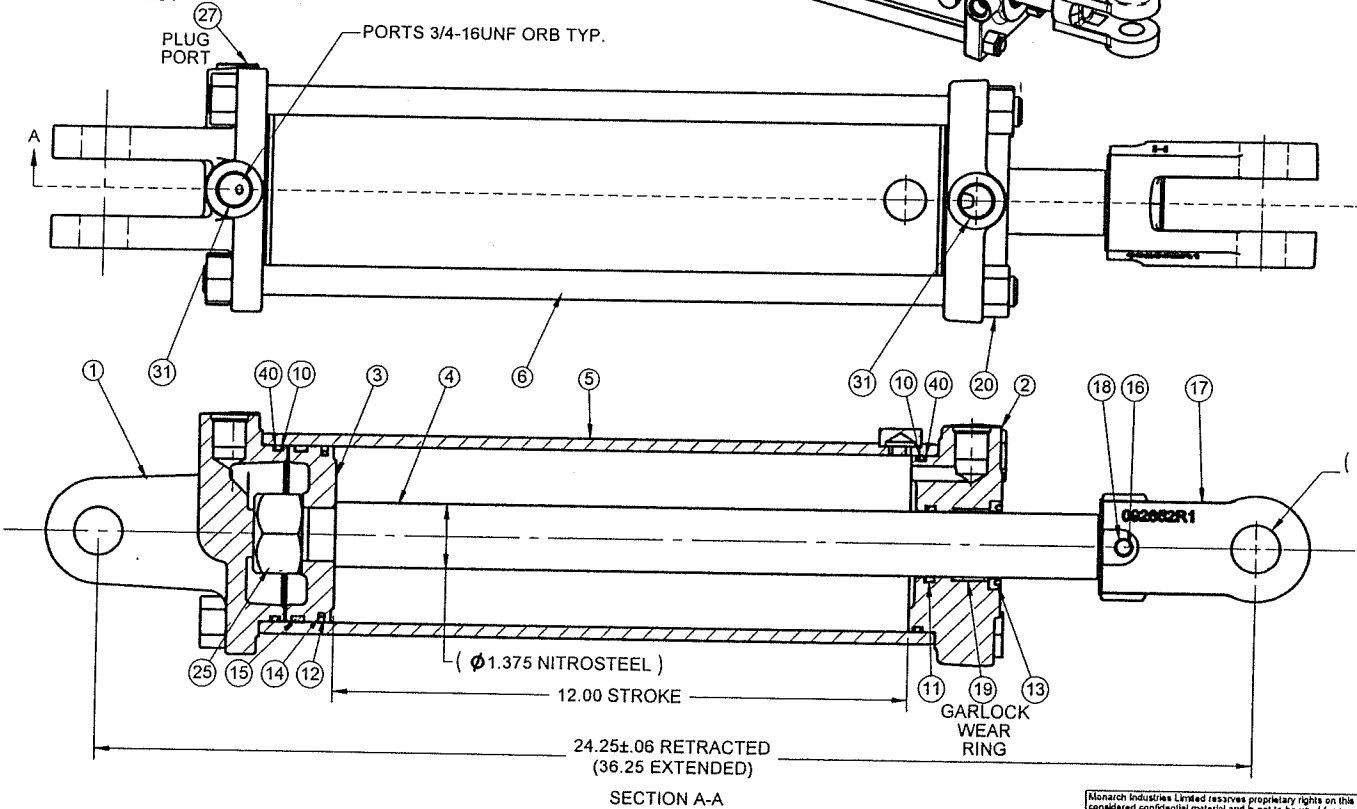


NOTES: (ASSEMBLY)

1. PORTS ARE 90° TO PIN HOLES
2. RETRACTED LENGTH _____
3. EXTENDED LENGTH _____
4. ROD DIAMETER _____
5. PORTS _____
6. REPHASE ON EXTENSION
7. ROD MATERIAL NITROSTEEL (75,000 PSI)
8. SPECIAL ROD CLEVIS (INDUCTION HARDENED PIN HOLES)
9. 100% AIR TEST
10. 100% OIL TEST

		REVISIONS		
NO	ECR #	DESCRIPTION	DATE	REVISED BY
1	98-524	DRAWING RELEASE	24DEC99	CDP
2	05-0588	REMOVE LI ON LABEL	20JUN05	JR



Customer approval
for fit and function

Date _____

Per _____

Title _____

BORE 3.75 X 12.00 STROKE
MAX. WORKING PRESSURE 3000 PSI
CUSTOMER PART #: 3301-45

SECTION A-A

NOTES: (PAINTING/PACKAGING)

1. PAINT RED PRIMER
2. PAINT MONARCH RED
3. AFFIX ID LABEL
4. PACK CYLINDER IN PLASTIC BAG

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MATERIAL			MONARCH INDUSTRIES LTD WINNIPEG CANADA	
MAT. #			3.75 CYLINDER FOR BOURGAULT	
MACHINING TOLERANCES UNLESS OTHERWISE SPECIFIED		DRAWN	J. RATHBONE	
XX	±.100 FRACTIONS ± 1/32	DESIGNED	J. RATHBONE	
XXX	±.020 ANGULAR ±1°	APPROVED		
X,XXX	±.005 RADIUS 1/8	DATE	20JUN05	
Ø .005 Tr	Ø .01	SCALE	NTS	
1 .001/inch	1 .002/inch			
2 .001/inch	2 .001/inch			
3 .001/inch	3 .001/inch			
Surface Finish 125				
REMOVE BURRS CHAMFER OR RADIUS CORNERS 1/84 MAX.			CODE #	643846
				37TP12-137