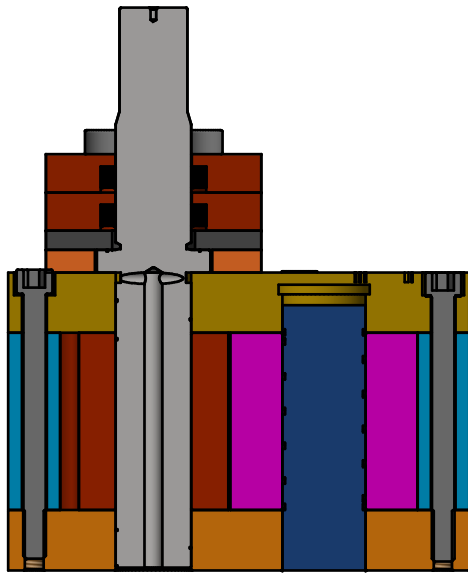
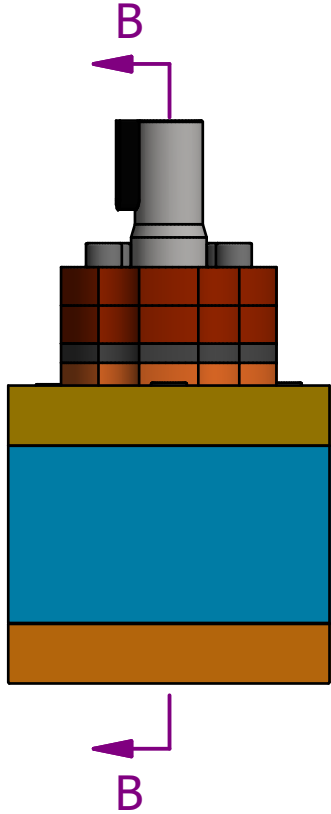
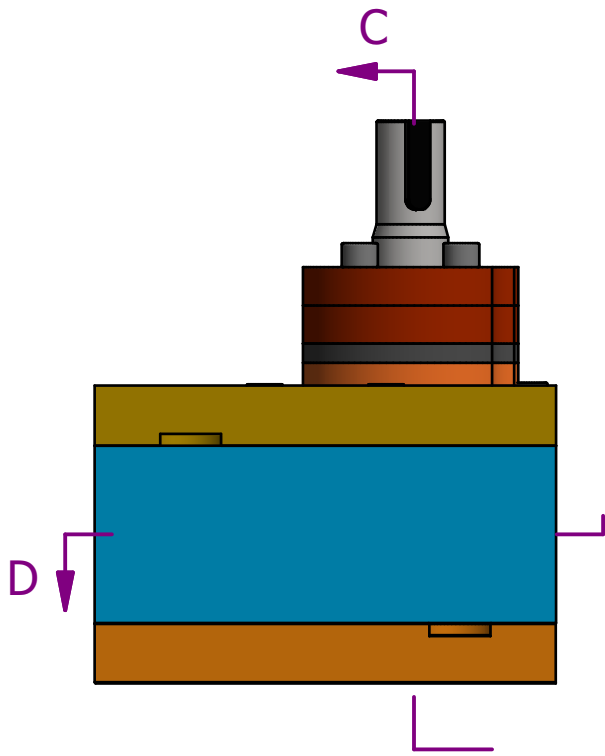
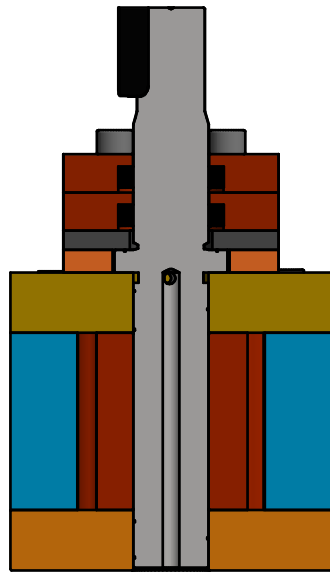


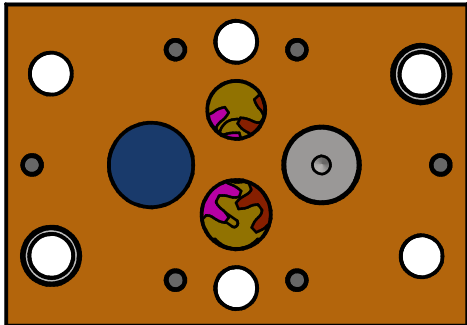
SECTION D-D
SCALE 1 / 2



SECTION B-B
SCALE 1 / 2

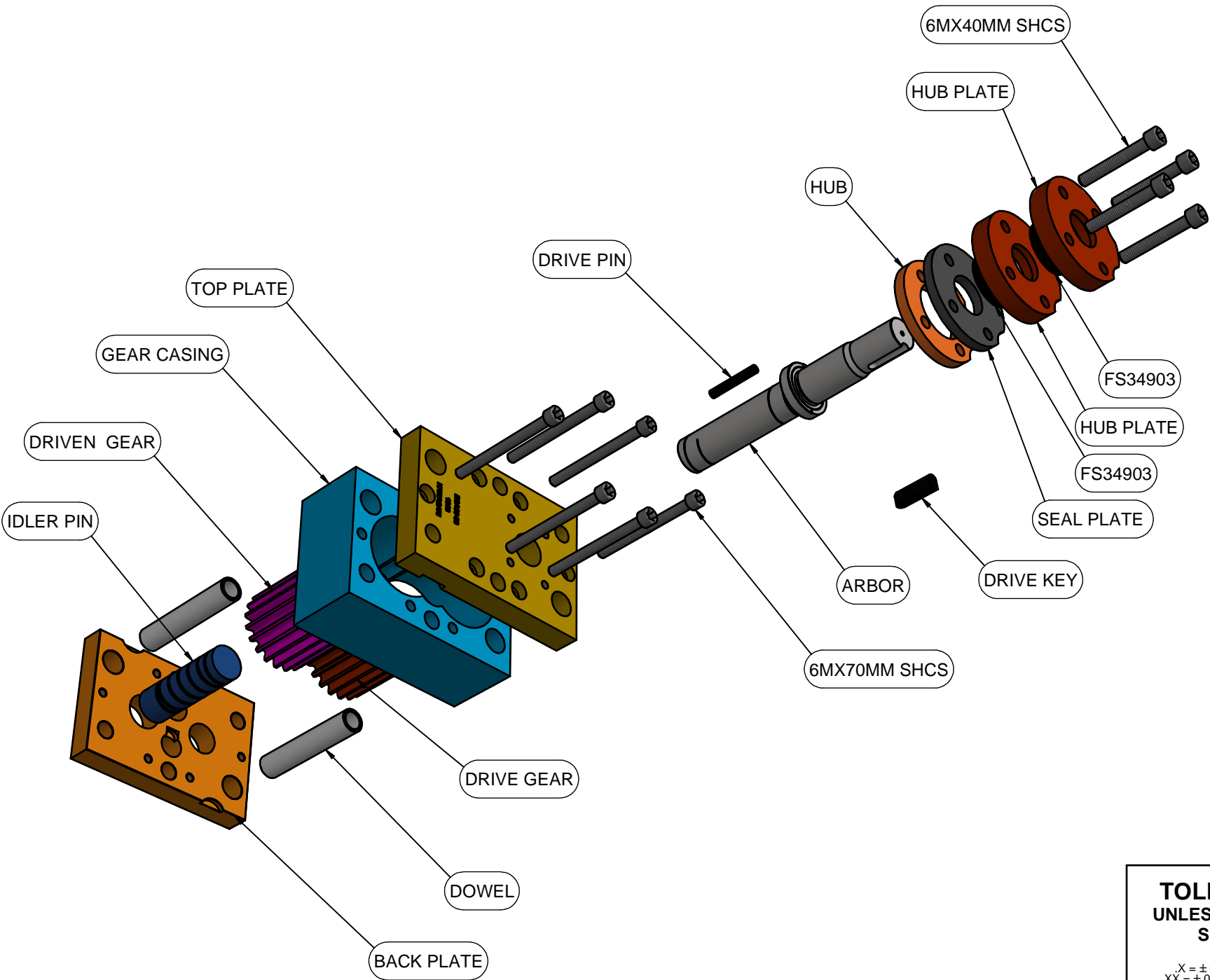


SECTION C-C
SCALE 1 / 2



DRAWING
SIZE
B

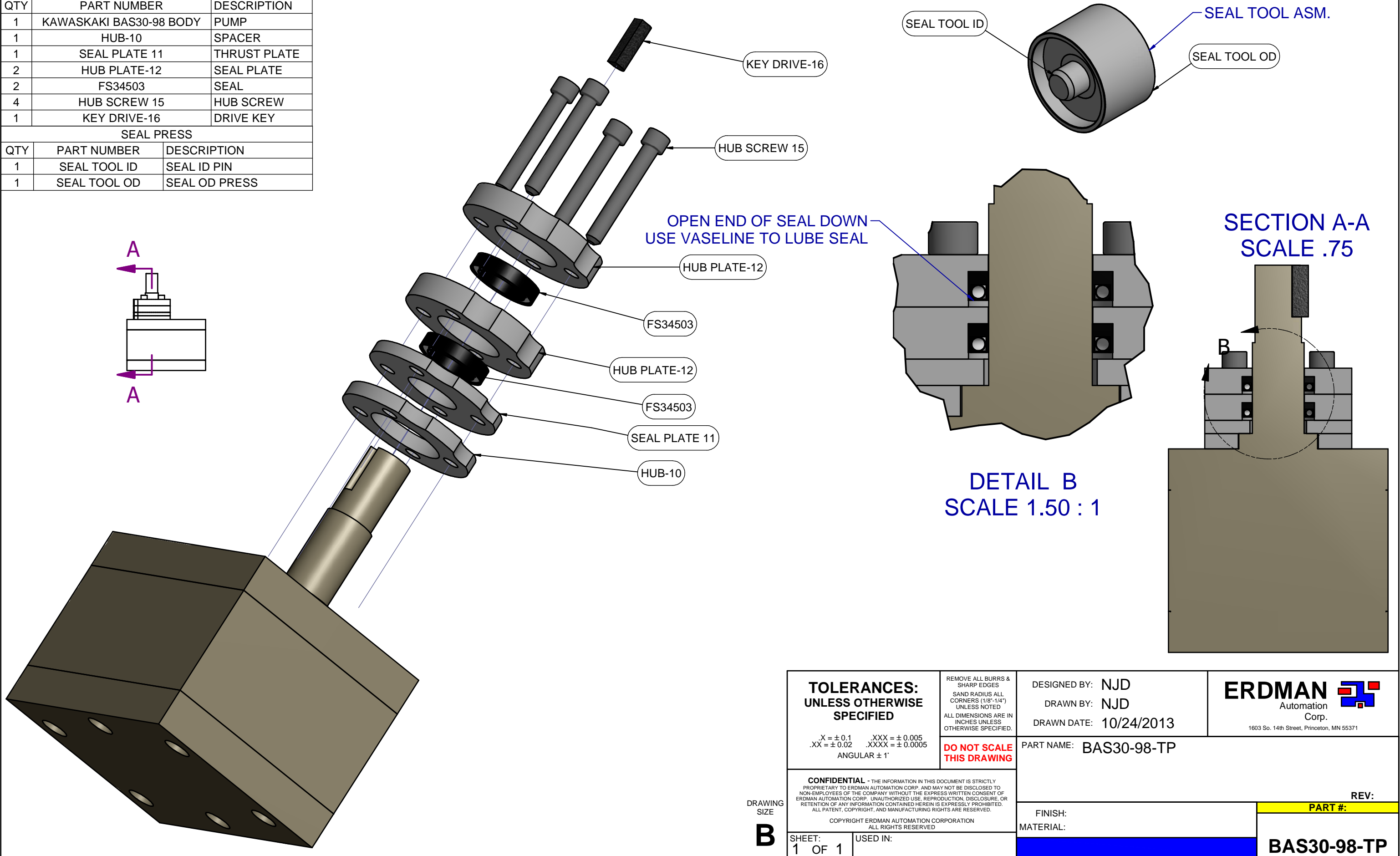
TOLERANCES: UNLESS OTHERWISE SPECIFIED X = ± 0.1 XXX = ± 0.005 .XX = ± 0.02 .XXXX = ± 0.0005 ANGULAR ± 1°		REMOVE ALL BURRS & SHARP EDGES SAND RADIUS ALL CORNERS (1/8"-1/4") UNLESS NOTED ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.	DESIGNED BY: NJD DRAWN BY: NJD DRAWN DATE: 12/18/2013	ERDMAN Automation Corp. 1603 So. 14th Street, Princeton, MN 55371
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SHEET: 1 OF 1		USED IN:	FINISH: MATERIAL:	REV: PART #: BSA30-98 ASM




PARTS LIST		
QTY	PART NUMBER	DESCRIPTION
1	BACK PLATE	BACK PLATE
2	DOWEL	DOWEL
1	DRIVE GEAR	DRIVE GEAR
1	DRIVE PIN	DRIVE PIN
1	ARBOR	ARBOR
2	HUB PLATE	HUBE PLAT
1	HUB	HUB
1	DRIVEN GEAR	DRIVEN GEAR
1	IDLER PIN	IDLER PIN
1	TOP PLATE	TOP PLATE
2	FS34903	FS34903
4	6MX40MM SHCS	HUB SCREW
6	6MX70MM SHCS	HUB SCREW
1	GEAR CASING	GEAR CASING
1	DRIVE KEY	DRIVE KEY

TOLERANCES: UNLESS OTHERWISE SPECIFIED .X = ± 0.1 .XXX = ± 0.005 .XX = ± 0.02 .XXXX = ± 0.0005 ANGULAR ± 1'		REMOVE ALL BURRS & SHARP EDGES SAND RADIUS ALL CORNERS (1/8"-1/4") UNLESS NOTED ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.	DESIGNED BY: NJD DRAWN BY: NJD DRAWN DATE: 12/18/2013	ERDMAN Automation Corp. 1603 So. 14th Street, Princeton, MN 55371
DO NOT SCALE THIS DRAWING		PART NAME: BSA30-98		
CONFIDENTIAL - THE INFORMATION IN THIS DOCUMENT IS STRICTLY PROPRIETARY TO ERDMAN AUTOMATION CORP. AND MAY NOT BE DISCLOSED TO NON-EMPLOYEES OF THE COMPANY WITHOUT THE EXPRESS WRITTEN CONSENT OF ERDMAN AUTOMATION CORP. UNAUTHORIZED USE, REPRODUCTION, DISCLOSURE, OR RETENTION OF ANY INFORMATION CONTAINED HEREIN IS EXPRESSLY PROHIBITED. ALL PATENT, COPYRIGHT, AND MANUFACTURING RIGHTS ARE RESERVED. COPYRIGHT ERDMAN AUTOMATION CORPORATION ALL RIGHTS RESERVED			FINISH:	REV:
			MATERIAL:	PART #:
SHEET: 1 OF 1		USED IN:	BSA30-98	

DSA30-98 TP SEAL REPLACEMENT		
QTY	PART NUMBER	DESCRIPTION
1	KAWASKAKI BAS30-98 BODY	PUMP
1	HUB-10	SPACER
1	SEAL PLATE 11	THRUST PLATE
2	HUB PLATE-12	SEAL PLATE
2	FS34503	SEAL
4	HUB SCREW 15	HUB SCREW
1	KEY DRIVE-16	DRIVE KEY
SEAL PRESS		
QTY	PART NUMBER	DESCRIPTION
1	SEAL TOOL ID	SEAL ID PIN
1	SEAL TOOL OD	SEAL OD PRESS



<div>TOLERANCES: UNLESS OTHERWISE SPECIFIED</div> <div><div><div>X = ± 0.1</div><div>.XX = ± 0.02</div></div><div><div>XXX = ± 0.005</div><div>.XXXX = ± 0.0005</div></div><div>ANGULAR ± 1'</div></div>		<div>REMOVE ALL BURRS & SHARP EDGES SAND RADIUS ALL CORNERS (1/8"-1/4") UNLESS NOTED ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.</div> <div>DO NOT SCALE THIS DRAWING</div>	<div>DESIGNED BY: NJD</div> <div>DRAWN BY: NJD</div> <div>DRAWN DATE: 10/24/2013</div>	<div>ERDMAN</div> <div>Automation Corp.</div> <div>1603 So. 14th Street, Princeton, MN 55371</div> <div></div>
<div>CONFIDENTIAL - THE INFORMATION IN THIS DOCUMENT IS STRICTLY PROPRIETARY TO ERDMAN AUTOMATION CORP. AND MAY NOT BE DISCLOSED TO NON-EMPLOYEES OF THE COMPANY WITHOUT THE EXPRESS WRITTEN CONSENT OF ERDMAN AUTOMATION CORP. UNAUTHORIZED USE, REPRODUCTION, DISCLOSURE, OR RETENTION OF ANY INFORMATION CONTAINED HEREIN IS EXPRESSLY PROHIBITED. ALL PATENT, COPYRIGHT, AND MANUFACTURING RIGHTS ARE RESERVED.</div> <div>COPYRIGHT ERDMAN AUTOMATION CORPORATION ALL RIGHTS RESERVED</div>		<div>PART NAME: BAS30-98-TP</div>	<div>REV:</div> <div>PART #:</div> <div>BAS30-98-TP</div>	
<div>SHEET: 1 OF 1</div>	<div>USED IN:</div>	<div>FINISH:</div> <div>MATERIAL:</div>		