

Sawing Time:

Machining Time:

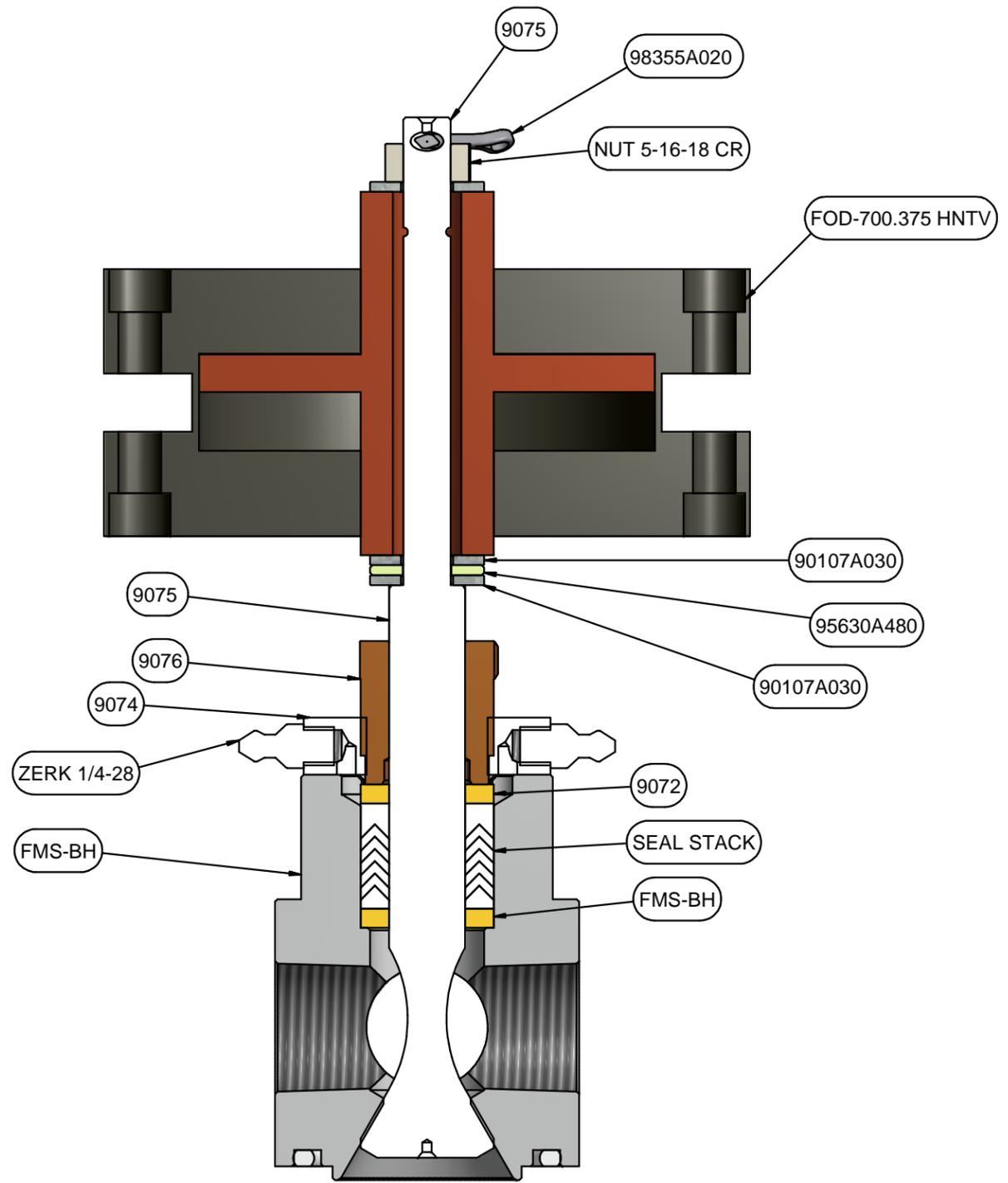
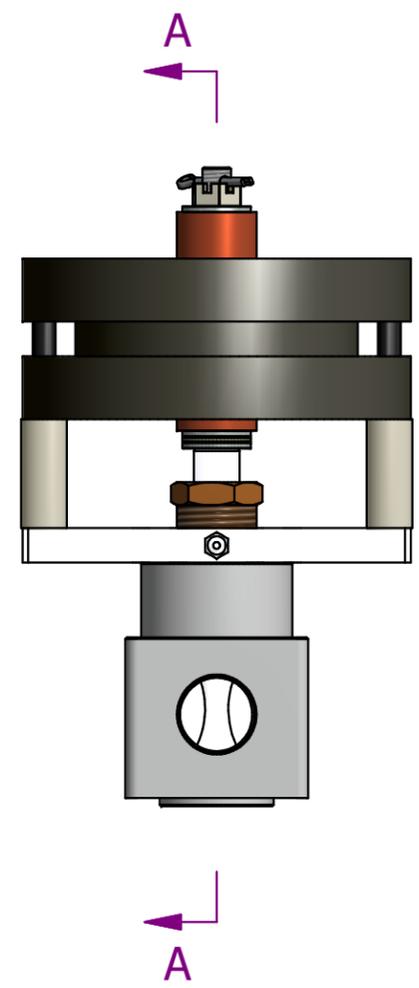
Welding Time:

Paint Time:

Finishing:

Misc. Time/Cost:

Created By: NJD on 4/8/2014 @ 11:12:57



PARTS LIST		
QTY	PART NUMBER	DESCRIPTION
1	FOD-700.375 HNTV	CYLINDER
2	9072	PACKING NUT ANVIL
1	9074	INSERT VALVE CYLINDER MOUNT
1	9075	VALVE PLUNGER
3	90107A030	WASHER 5/16
1	NUT 5-16-18 CR	NUT 5-16-18 CR
1	95630A480	PTEF WASHER
1	98355A020	COTTER PIN
2	92196A342	1/4-28 X 3 1/4 SHCS
6	92196A269	10-32 X 1/2 SHCS
1	9076	INSERT VALVE PACKING NUT
2	ZERK 1/4-28	ZERK
2	9069	CYLINDER SPACER
1	222 O-RING PTEF	222 O-RING PTEF
1	FMS-BH	INSERT VALVE BODY
1	SEAL STACK	PTEF V-SEALS

SECTION A-A  
SCALE 1

<p><b>TOLERANCES: UNLESS OTHERWISE SPECIFIED</b></p> <p>.X = ± 0.1    .XXX = ± 0.005 .XX = ± 0.02    .XXXX = ± 0.0005 ANGULAR ± 1°</p>	<p>REMOVE ALL BURRS &amp; SHARP EDGES SAND RADIUS ALL CORNERS (1/8"-1/4") UNLESS NOTED ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.</p> <p><b>DO NOT SCALE THIS DRAWING</b></p>	DESIGNED BY: NJD	<p><b>ERDMAN</b> Automation Corp. 1603 So. 14th Street, Princeton, MN 55371</p>
		DRAWN BY: NJD	
		DRAWN DATE: 4/7/2014	
		PART NAME: FMS VALVE COLD	
		REV:	
		PART #:	
		FMS-BH	
<p>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.</p> <p>COPYRIGHT ERDMAN AUTOMATION CORPORATION ALL RIGHTS RESERVED</p>			
DRAWING SIZE		FINISH:	
SHEET: 1 OF 1	USED IN:	MATERIAL:	
RETROFIT Job #:		FAB Qty: 1	Erdman Job #: 26

MFG By:                      MFG Date:                      MFG Quantity:

Sawing Time:

Machining Time:

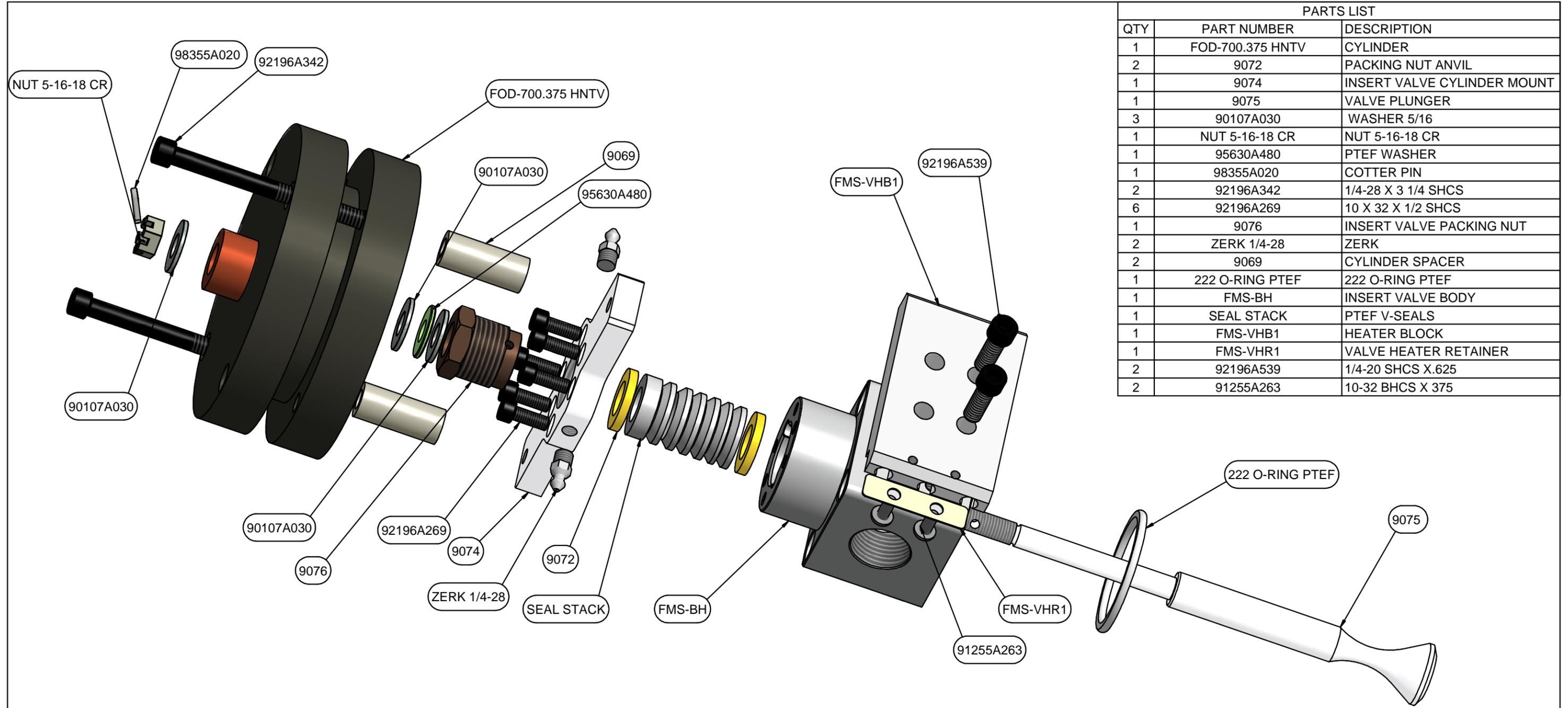
Welding Time:

Paint Time:

Finishing:

Misc. Time/Cost:

Created By: NJD on 4/8/2014 @ 11:12:02



PARTS LIST		
QTY	PART NUMBER	DESCRIPTION
1	FOD-700.375 HNTV	CYLINDER
2	9072	PACKING NUT ANVIL
1	9074	INSERT VALVE CYLINDER MOUNT
1	9075	VALVE PLUNGER
3	90107A030	WASHER 5/16
1	NUT 5-16-18 CR	NUT 5-16-18 CR
1	95630A480	PTEF WASHER
1	98355A020	COTTER PIN
2	92196A342	1/4-28 X 3 1/4 SHCS
6	92196A269	10 X 32 X 1/2 SHCS
1	9076	INSERT VALVE PACKING NUT
2	ZERK 1/4-28	ZERK
2	9069	CYLINDER SPACER
1	222 O-RING PTEF	222 O-RING PTEF
1	FMS-BH	INSERT VALVE BODY
1	SEAL STACK	PTEF V-SEALS
1	FMS-VHB1	HEATER BLOCK
1	FMS-VHR1	VALVE HEATER RETAINER
2	92196A539	1/4-20 SHCS X.625
2	91255A263	10-32 BHCS X 375

<p><b>TOLERANCES: UNLESS OTHERWISE SPECIFIED</b></p> <p>.X = ± 0.1    .XXX = ± 0.005 .XX = ± 0.02    .XXXX = ± 0.0005 ANGULAR ± 1°</p>	<p>REMOVE ALL BURRS &amp; SHARP EDGES SAND RADIUS ALL CORNERS (1/8"-1/4") UNLESS NOTED ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.</p>	<p>DESIGNED BY: NJD DRAWN BY: NJD DRAWN DATE: 4/7/2014</p>	<p><b>ERDMAN</b> Automation Corp. 1603 So. 14th Street, Princeton, MN 55371</p>
	<p><b>DO NOT SCALE THIS DRAWING</b></p>	<p>PART NAME: FMS VALVE HEATED</p>	
<p><b>CONFIDENTIAL</b> - 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</p>	<p>DRAWING SIZE <b>B</b></p>	<p>FINISH: MATERIAL:</p>	<p>REV: <b>PART #:</b> <b>FMS-BH-H</b></p>
<p>SHEET: 1 OF 1</p>	<p>USED IN:</p>	<p>RETROFIT Job #:</p>	<p>FAB Qty: <b>1</b>    Erdman Job #: <b>26</b></p>

MFG By:

MFG Date:

MFG Quantity:

Sawing Time:

Machining Time:

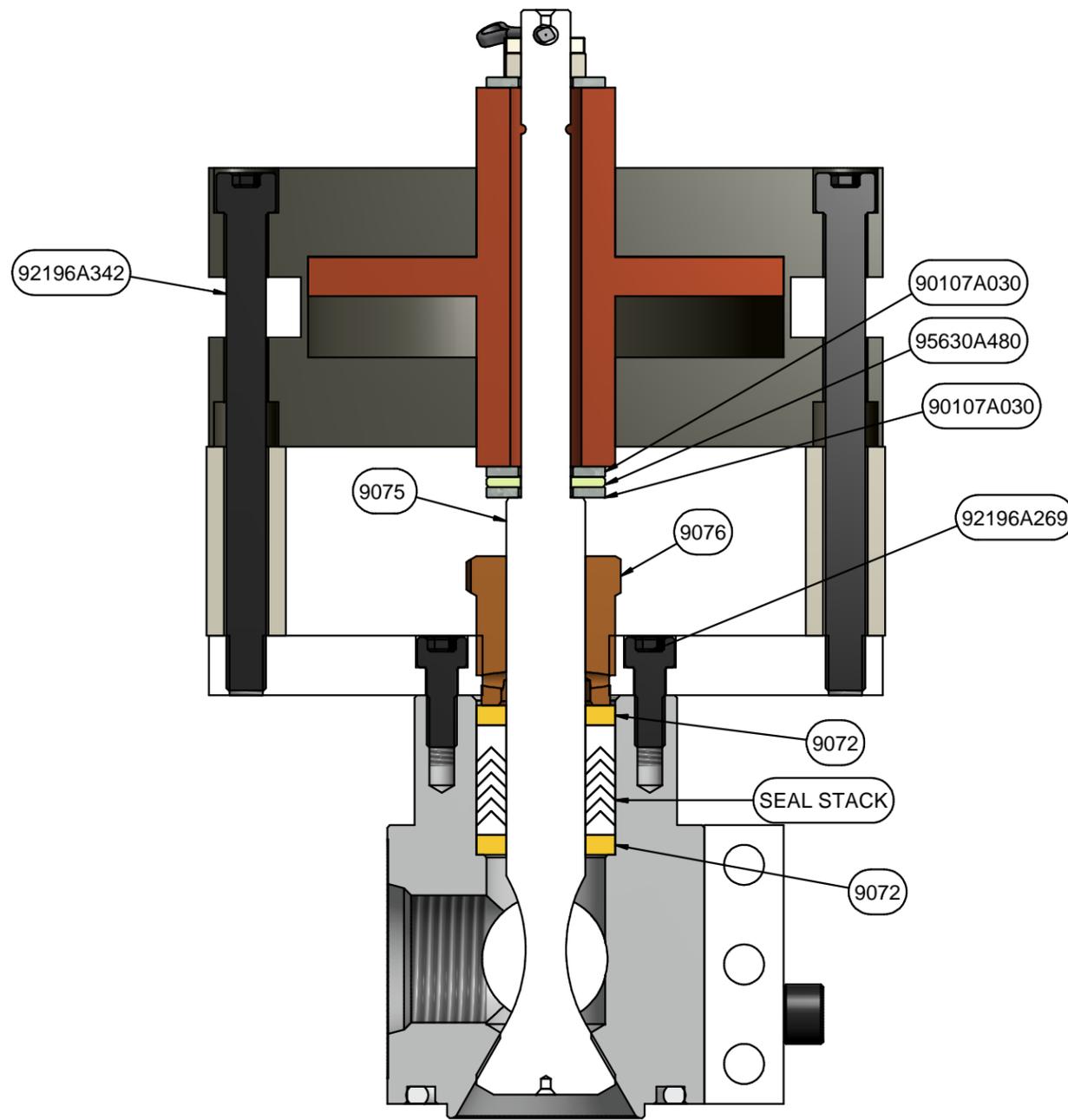
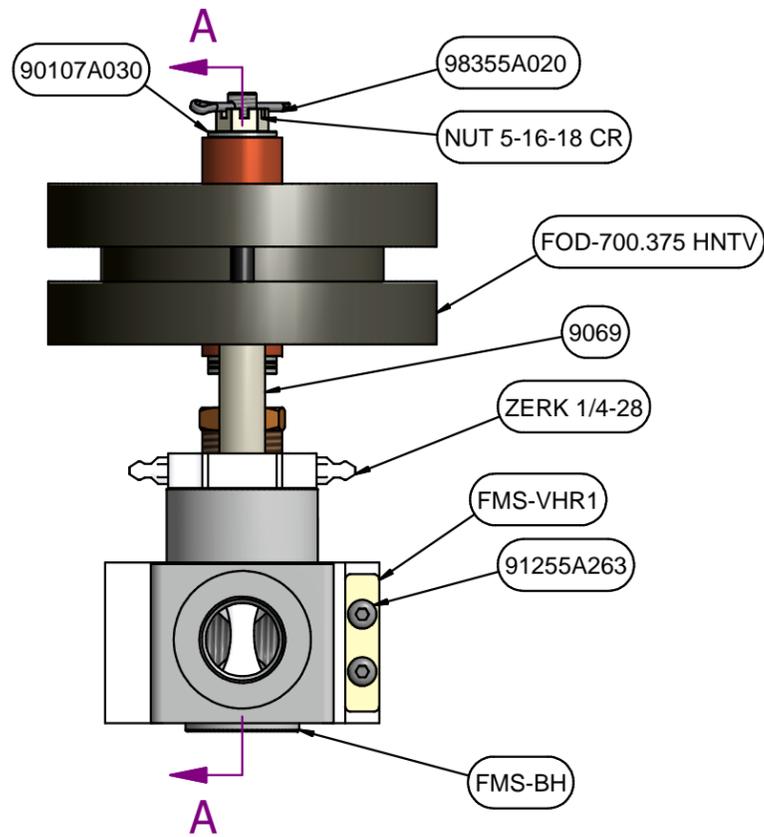
Welding Time:

Paint Time:

Finishing:

Misc. Time/Cost:

Created By: NJD on 4/8/2014 @ 11:09:56



PARTS LIST		
QTY	PART NUMBER	DESCRIPTION
1	FOD-700.375 HNTV	CYLINDER
2	9072	PACKING NUT ANVIL
1	9074	INSERT VALVE CYLINDER MOUNT
1	9075	VALVE PLUNGER
3	90107A030	WASHER 5/16
1	NUT 5-16-18 CR	NUT 5-16-18 CR
1	95630A480	PTFE WASHER
1	98355A020	COTTER PIN
2	92196A342	1/4-28 X 3 1/4 SHCS
6	92196A269	10-32 X 1/2 SHCS
1	9076	INSERT VALVE PACKING NUT
2	ZERK 1/4-28	ZERK
2	9069	CYLINDER SPACER
1	222 O-RING PTEF	222 O-RING PTEF
1	FMS-BH	INSERT VALVE BODY
1	SEAL STACK	PTFE V-SEALS
1	FMS-VHB1	HEATER BLOCK
1	FMS-VHR1	VALVE HEATER RETAINER
2	92196X539	1/4-28 SHCS X .625
2	91255A263	10-32 BHCS X 375

SECTION A-A  
SCALE 1

<p><b>TOLERANCES: UNLESS OTHERWISE SPECIFIED</b></p> <p>.X = ± 0.1    .XXX = ± 0.005 .XX = ± 0.02    .XXXX = ± 0.0005 ANGULAR ± 1°</p>	<p>REMOVE ALL BURRS &amp; SHARP EDGES SAND RADIUS ALL CORNERS (1/8"-1/4") UNLESS NOTED ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.</p> <p><b>DO NOT SCALE THIS DRAWING</b></p>	DESIGNED BY: NJD	<p><b>ERDMAN</b> Automation Corp. 1603 So. 14th Street, Princeton, MN 55371</p>
		DRAWN BY: NJD	
<p>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</p>		DRAWN DATE: 4/8/2014	REV:
DRAWING SIZE: <b>B</b>			<b>PART #:</b>
SHEET: 1 OF 1	USED IN:		<b>FMS-BH-H</b>
RETROFIT Job #:	FAB Qty: <b>1</b>	Erdman Job #:	<b>26</b>

MFG By:

MFG Date:

MFG Quantity:

Sawing Time:

Machining Time:

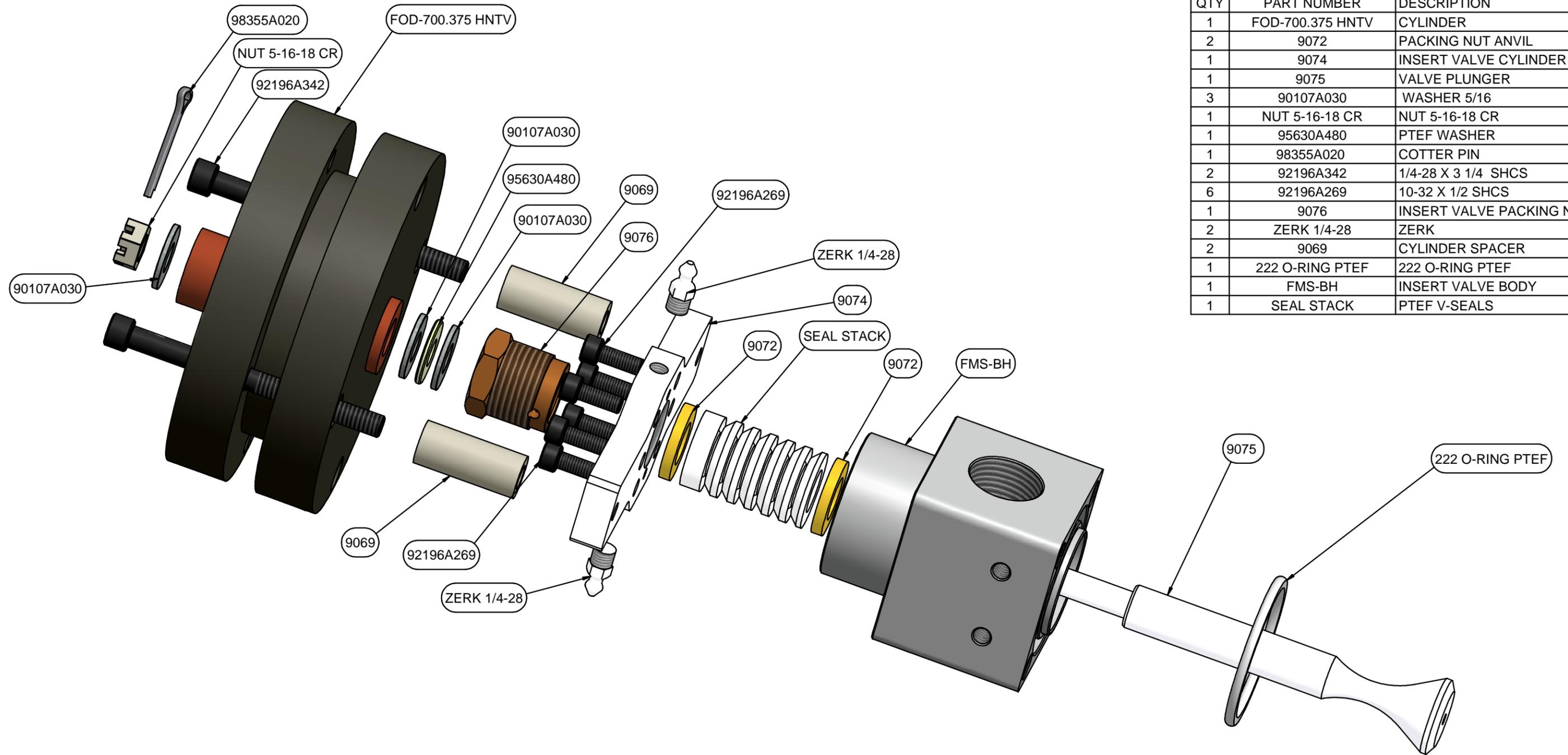
Welding Time:

Paint Time:

Finishing:

Misc. Time/Cost:

Created By: NJD on 4/8/2014 @ 11:08:28



PARTS LIST		
QTY	PART NUMBER	DESCRIPTION
1	FOD-700.375 HNTV	CYLINDER
2	9072	PACKING NUT ANVIL
1	9074	INSERT VALVE CYLINDER MOUNT
1	9075	VALVE PLUNGER
3	90107A030	WASHER 5/16
1	NUT 5-16-18 CR	NUT 5-16-18 CR
1	95630A480	PTEF WASHER
1	98355A020	COTTER PIN
2	92196A342	1/4-28 X 3 1/4 SHCS
6	92196A269	10-32 X 1/2 SHCS
1	9076	INSERT VALVE PACKING NUT
2	ZERK 1/4-28	ZERK
2	9069	CYLINDER SPACER
1	222 O-RING PTEF	222 O-RING PTEF
1	FMS-BH	INSERT VALVE BODY
1	SEAL STACK	PTFE V-SEALS

<p><b>TOLERANCES: UNLESS OTHERWISE SPECIFIED</b></p> <p>.X = ± 0.1    .XXX = ± 0.005 .XX = ± 0.02    .XXXX = ± 0.0005 ANGULAR ± 1°</p>	<p>REMOVE ALL BURRS &amp; SHARP EDGES SAND RADIUS ALL CORNERS (1/8"-1/4") UNLESS NOTED ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.</p> <p><b>DO NOT SCALE THIS DRAWING</b></p>	DESIGNED BY: NJD	<p><b>ERDMAN</b> Automation Corp. 1603 So. 14th Street, Princeton, MN 55371</p>
		DRAWN BY: NJD	
<p><b>CONFIDENTIAL</b> - 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</p>		PART NAME: FMS VALVE COLD	
<p>DRAWING SIZE <b>B</b></p>	FINISH:		REV:
	MATERIAL:		<b>PART #:</b>
SHEET: 1 OF 1	USED IN:	<b>FMS-BH</b>	
RETROFIT Job #:		FAB Qty: <b>1</b>	Erdman Job #: <b>26</b>

MFG By:

MFG Date:

MFG Quantity: