

TELEMARK 575 UHV E-Beam Source Drawings

The current version of this drawing pdf can be found at

<https://telemark.com/uhv-e-beam-sources/uhv-sources/>

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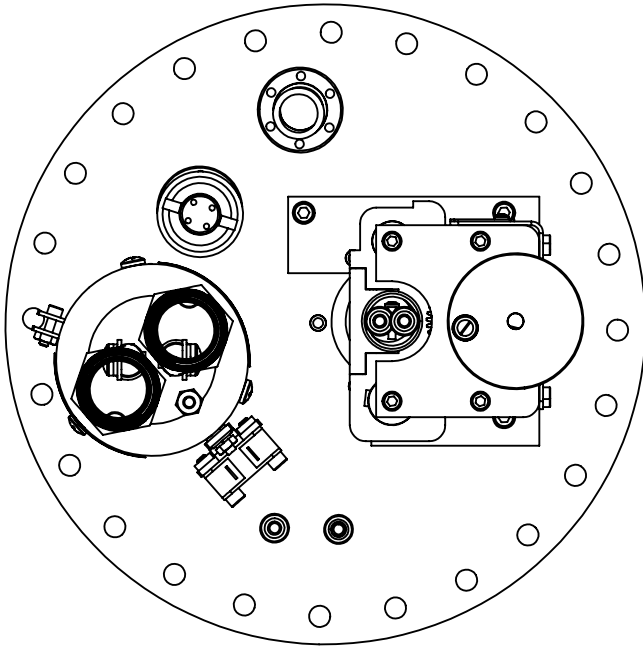
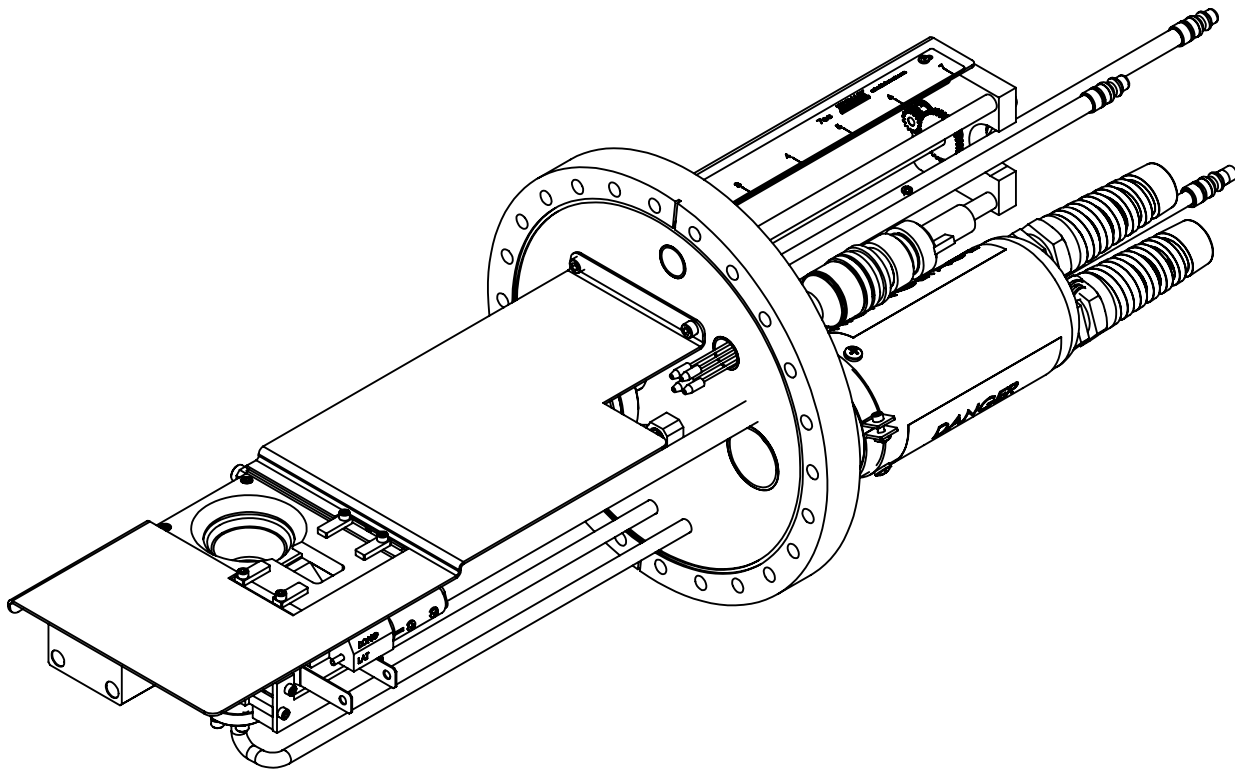
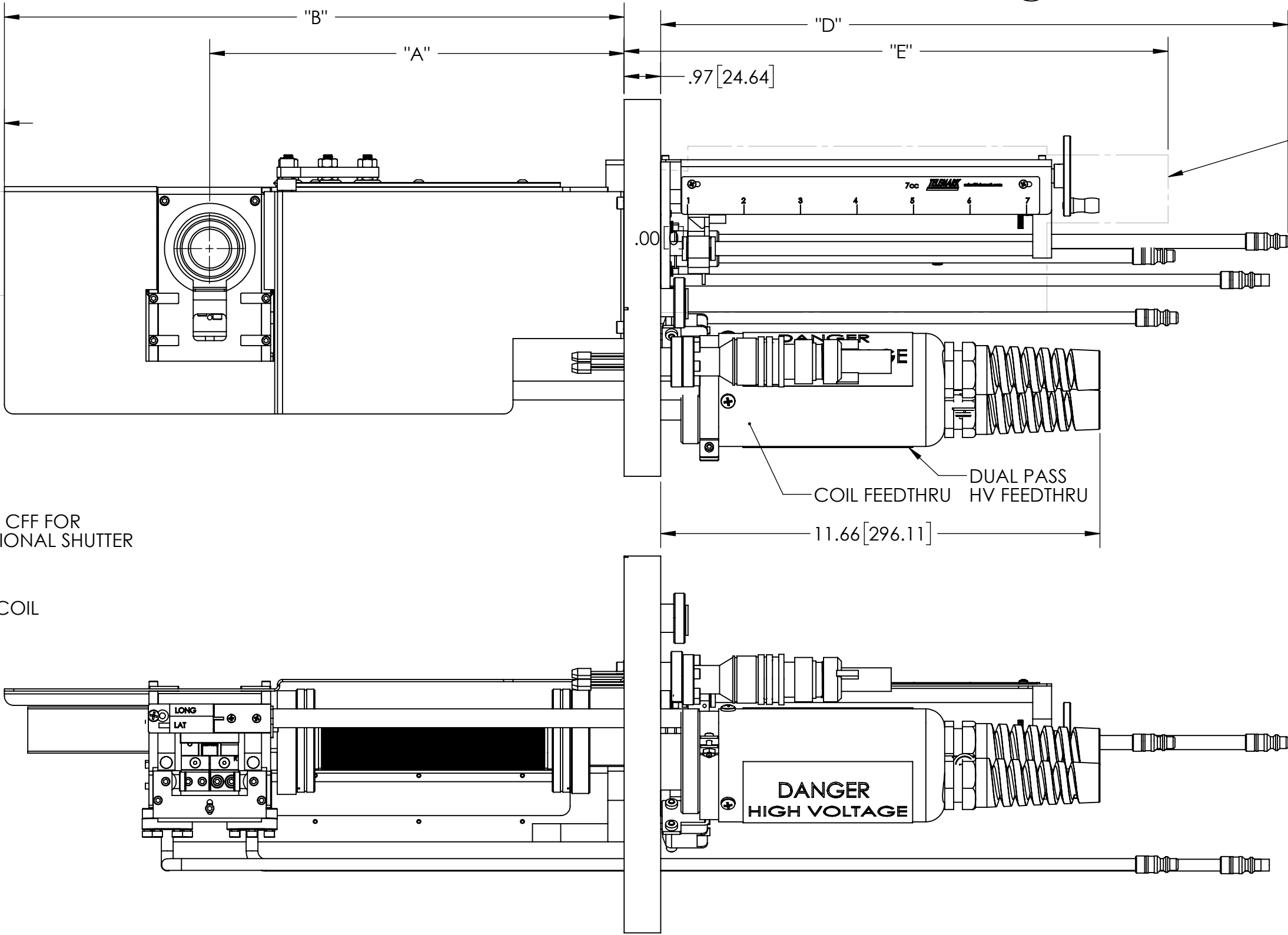
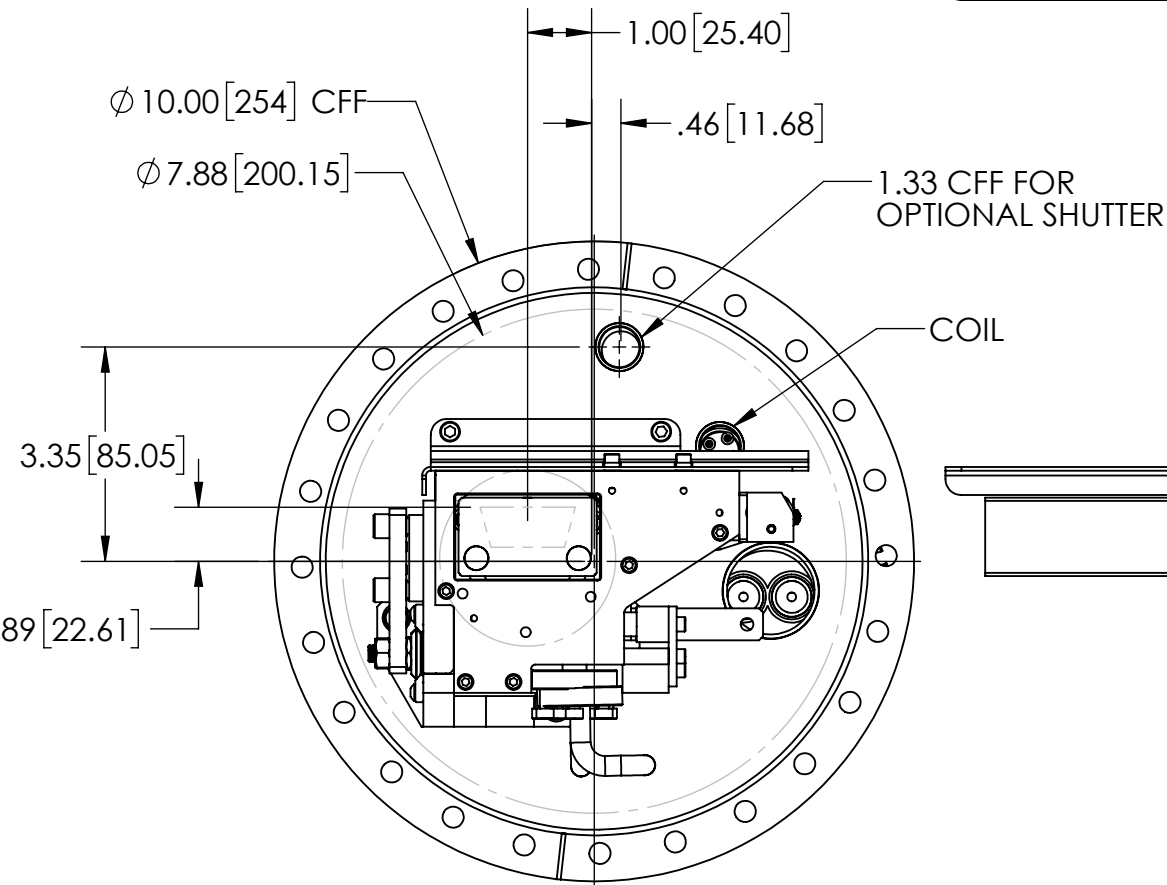
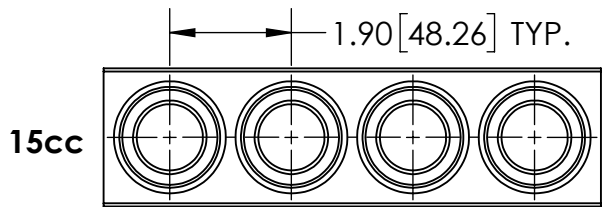
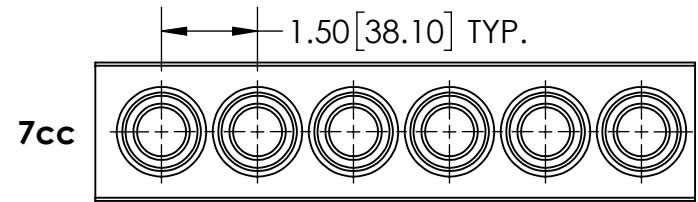
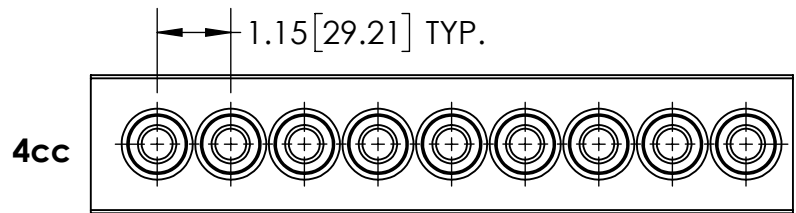
Reference Dimensions

E-Beam Source

1
2
3
4

MODEL	TYPE	"A"		"B"		"C"		"D" MAX		"E"	
		inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
575-01	5X 4CC	11.00	279.40	16.45	417.83	not used	not used	22.1	562	14.4	367
575-02	4X 7CC										
575-03	3X 15CC										
575-04	7X 4CC	14.50	368.30	22.95	582.93	not used	not used	28.6	726	14.4	367
575-05	6X 7CC										
575-06	4X 15CC										
575-07	9X 4CC	14.50	368.30	22.95	582.93	1.50	38.10	32.7	831	16.4	418
575-08	7X 7CC					not used	not used				
575-09	5X 15CC										
575-10	10X 4CC	16.20	411.48	27.87	707.90	not used	not used	34.4	874	17.9	455
575-11	8X 7CC										
575-12	6X 15CC										

ECN	ZONE	REV	DESCRIPTION	BY	DATE
		A2	RELEASE	PWF	7/12/2012
		A3	REVISED	GPD	2/9/2018
		B	ADD MODELS 575-10, 575-11, 575-12	PWF	7/10/2019



INCH [MM]

UNLESS OTHERWISE SPECIFIED
GLOBAL TOLERANCES

	INCHES	[mm]
.X	+/- .03	[0.762]
.XX	+/- .01	[0.254]
.XXX	+/- .005	[0.127]

ANGLES +/- .5°
SURF FINISH 63 RMS

DWG BY
CHECK BY
PROJ ENG
MFG ENG

DATE
DATE
DATE

DO NOT SCALE DRAWING

FILE NUMBER - 575-9903-1
INITIAL PROJECT -

MATERIAL: B.O.M.

FINISH:

THIRD ANGLE PROJECTION

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**MODEL 575 EB SOURCE
REF. DIMENSIONS**

SCALE 1:3
SHEET 1 of 1

DWG NO. **R575-0001**

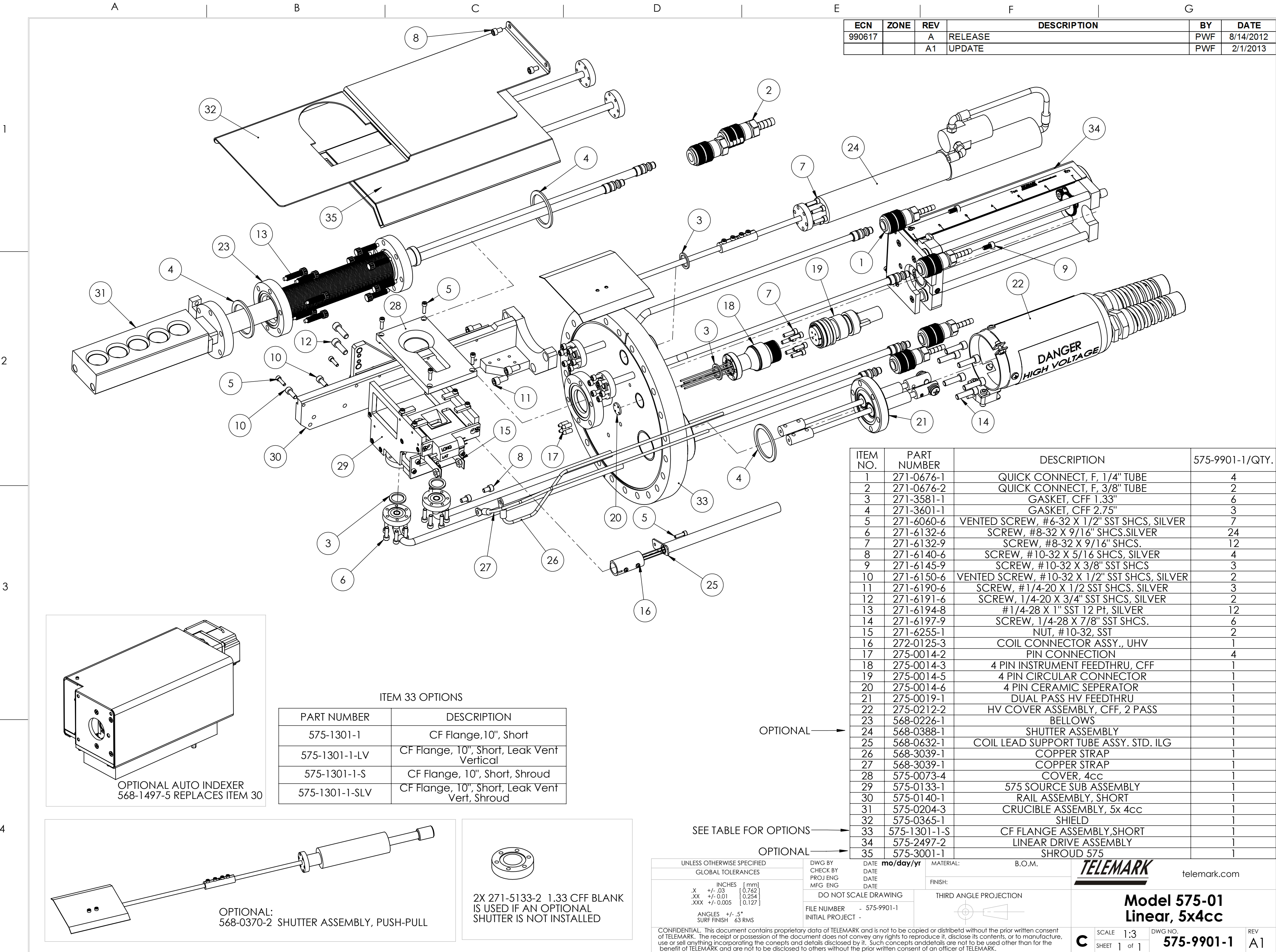
REV **B**

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Model Assemblies

E-Beam Sources



ECN	ZONE	REV	DESCRIPTION	BY	DATE
990617		A	RELEASE	PWF	8/14/2012
		A1	UPDATE	PWF	2/1/2013

ITEM NO.	PART NUMBER	DESCRIPTION	575-9901-1/QTY.
1	271-0676-1	QUICK CONNECT, F, 1/4" TUBE	4
2	271-0676-2	QUICK CONNECT, F, 3/8" TUBE	2
3	271-3581-1	GASKET, CFF 1.33"	6
4	271-3601-1	GASKET, CFF 2.75"	3
5	271-6060-6	VENTED SCREW, #6-32 X 1/2" SST SHCS, SILVER	7
6	271-6132-6	SCREW, #8-32 X 9/16" SHCS, SILVER	24
7	271-6132-9	SCREW, #8-32 X 9/16" SHCS, SILVER	12
8	271-6140-6	SCREW, #10-32 X 5/16" SHCS, SILVER	4
9	271-6145-9	SCREW, #10-32 X 3/8" SST SHCS	3
10	271-6150-6	VENTED SCREW, #10-32 X 1/2" SST SHCS, SILVER	2
11	271-6190-6	SCREW, #1/4-20 X 1/2 SST SHCS, SILVER	3
12	271-6191-6	SCREW, 1/4-20 X 3/4" SST SHCS, SILVER	2
13	271-6194-8	#1/4-28 X 1" SST 12 Pt, SILVER	12
14	271-6197-9	SCREW, 1/4-28 X 7/8" SST SHCS, SILVER	6
15	271-6255-1	NUT, #10-32, SST	2
16	272-0125-3	COIL CONNECTOR ASSY., UHV	1
17	275-0014-2	PIN CONNECTION	4
18	275-0014-3	4 PIN INSTRUMENT FEEDTHRU, CFF	1
19	275-0014-5	4 PIN CIRCULAR CONNECTOR	1
20	275-0014-6	4 PIN CERAMIC SEPARATOR	1
21	275-0019-1	DUAL PASS HV FEEDTHRU	1
22	275-0212-2	HV COVER ASSEMBLY, CFF, 2 PASS	1
23	568-0226-1	BELLOWS	1
24	568-0388-1	SHUTTER ASSEMBLY	1
25	568-0632-1	COIL LEAD SUPPORT TUBE ASSY. STD. ILG	1
26	568-3039-1	COPPER STRAP	1
27	568-3039-1	COPPER STRAP	1
28	575-0073-4	COVER, 4cc	1
29	575-0133-1	575 SOURCE SUB ASSEMBLY	1
30	575-0140-1	RAIL ASSEMBLY, SHORT	1
31	575-0204-3	CRUCIBLE ASSEMBLY, 5x 4cc	1
32	575-0365-1	SHIELD	1
33	575-1301-1-S	CF FLANGE ASSEMBLY, SHORT	1
34	575-2497-2	LINEAR DRIVE ASSEMBLY	1
35	575-3001-1	SHROUD 575	1

PART NUMBER	DESCRIPTION
575-1301-1	CF Flange, 10", Short
575-1301-1-LV	CF Flange, 10", Short, Leak Vent Vertical
575-1301-1-S	CF Flange, 10", Short, Shroud
575-1301-1-SLV	CF Flange, 10", Short, Leak Vent Vert, Shroud

OPTIONAL

SEE TABLE FOR OPTIONS

OPTIONAL

UNLESS OTHERWISE SPECIFIED	GLOBAL TOLERANCES
X	INCHES [mm]
XX	+/- .03 [0.762]
XXX	+/- .01 [0.254]
XXXX	+/- .005 [0.127]
ANGLES	+/- .5°
SURF FINISH	63 RMS

DWG BY	DATE	mo/day/yr	MATERIAL:	B.O.M.
CHECK BY	DATE		FINISH:	
PROJ ENG	DATE		THIRD ANGLE PROJECTION	
MFG ENG	DATE			
DO NOT SCALE DRAWING				
FILE NUMBER	- 575-9901-1			
INITIAL PROJECT	-			

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Model 575-01
Linear, 5x4cc

SCALE	1:3	DWG NO.	575-9901-1	REV	A1
SHEET	1 of 1				

1

2

3

4

A

B

C

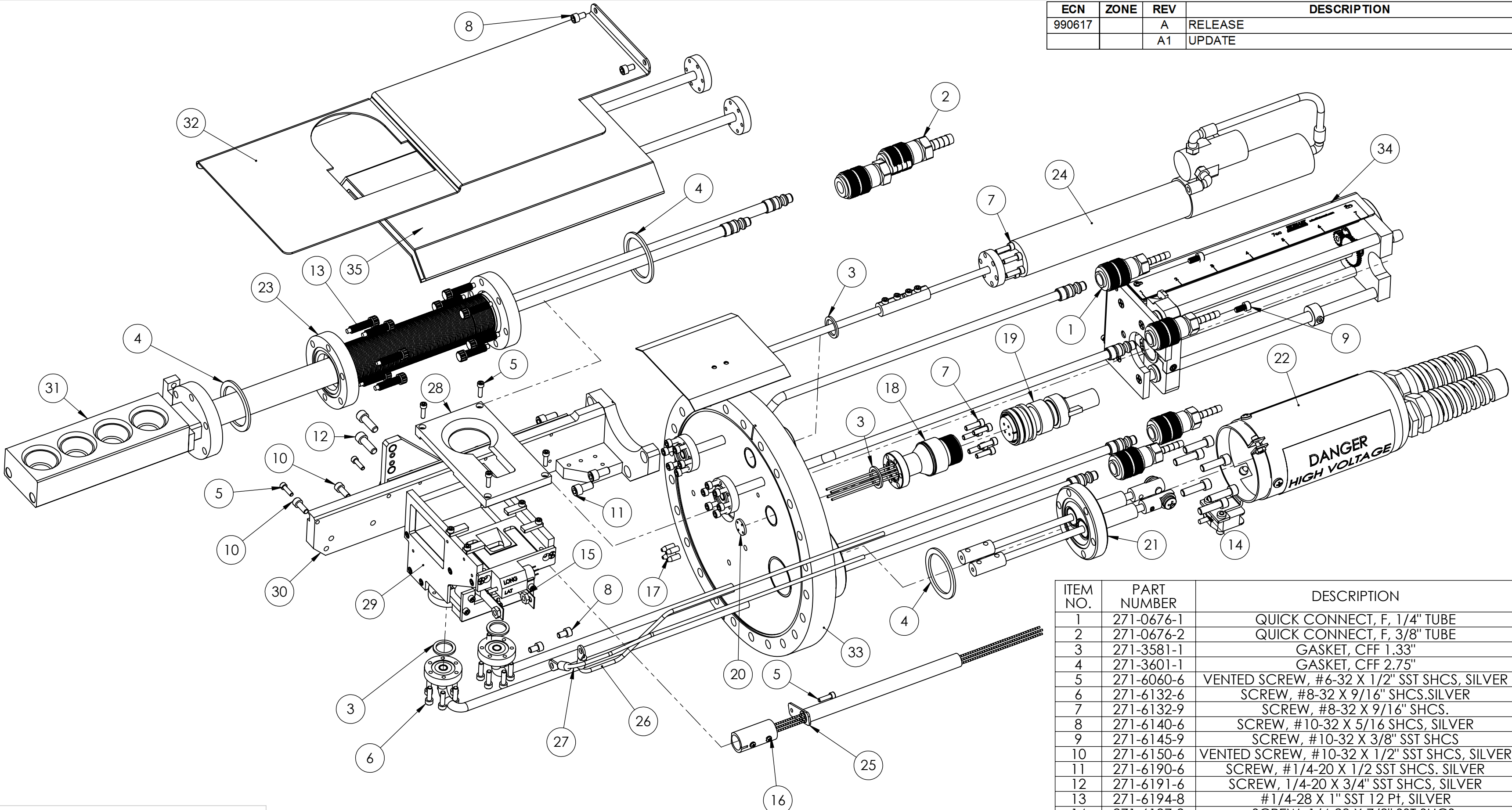
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E

F

G

ECN	ZONE	REV	DESCRIPTION	BY	DATE
990617		A	RELEASE	PWF	8/14/2012
		A1	UPDATE	PWF	2/1/2013



ITEM NO.	PART NUMBER	DESCRIPTION	575-9902-1/QTY.
1	271-0676-1	QUICK CONNECT, F, 1/4" TUBE	4
2	271-0676-2	QUICK CONNECT, F, 3/8" TUBE	2
3	271-3581-1	GASKET, CFF 1.33"	6
4	271-3601-1	GASKET, CFF 2.75"	3
5	271-6060-6	VENTED SCREW, #6-32 X 1/2" SST SHCS, SILVER	7
6	271-6132-6	SCREW, #8-32 X 9/16" SHCS, SILVER	24
7	271-6132-9	SCREW, #8-32 X 9/16" SHCS.	12
8	271-6140-6	SCREW, #10-32 X 5/16 SHCS, SILVER	4
9	271-6145-9	SCREW, #10-32 X 3/8" SST SHCS	3
10	271-6150-6	VENTED SCREW, #10-32 X 1/2" SST SHCS, SILVER	2
11	271-6190-6	SCREW, #1/4-20 X 1/2 SST SHCS, SILVER	3
12	271-6191-6	SCREW, 1/4-20 X 3/4" SST SHCS, SILVER	2
13	271-6194-8	#1/4-28 X 1" SST 12 Pt, SILVER	12
14	271-6197-9	SCREW, 1/4-28 X 7/8" SST SHCS.	6
15	271-6255-1	NUT, #10-32, SST	2
16	272-0125-3	COIL CONNECTOR ASSY., UHV	1
17	275-0014-2	PIN CONNECTION	4
18	275-0014-3	4 PIN INSTRUMENT FEEDTHRU, CFF	1
19	275-0014-5	4 PIN CIRCULAR CONNECTOR	1
20	275-0014-6	4 PIN CERAMIC SEPARATOR	1
21	275-0019-1	DUAL PASS HV FEEDTHRU	1
22	275-0212-2	HV COVER ASSEMBLY, CFF, 2 PASS	1
23	568-0226-1	BELLOWS	1
24	568-0388-1	SHUTTER ASSEMBLY	1
25	568-0632-1	COIL LEAD SUPPORT TUBE ASSY. STD. ILG	1
26	568-3039-1	COPPER STRAP	1
27	568-3039-1	COPPER STRAP	1
28	575-0073-3	COVER, 7cc	1
29	575-0133-1	575 SOURCE SUB ASSEMBLY	1
30	575-0140-1	RAIL ASSEMBLY, SHORT	1
31	575-0207-3	CRUCIBLE ASSEMBLY, 4x 7cc	1
32	575-0365-1	SHIELD	1
33	575-1301-1-S	CF FLANGE ASSEMBLY, SHORT	1
34	575-2497-2	LINEAR DRIVE ASSEMBLY	1
35	575-3001-1	SHROUD 575	1

OPTIONAL →

SEE TABLE FOR OPTIONS →

OPTIONAL →

UNLESS OTHERWISE SPECIFIED		
GLOBAL TOLERANCES		
X	INCHES	[mm]
XX	+/- .03	[0.762]
.XX	+/- .01	[0.254]
.XXX	+/- .005	[0.127]
ANGLES	+/- .5°	
SURF FINISH	63 RMS	

DWG BY	DATE	mo/day/yr	MATERIAL:	B.O.M.
CHECK BY	DATE		FINISH:	
PROJ ENG	DATE		THIRD ANGLE PROJECTION	
MFG ENG	DATE			
DO NOT SCALE DRAWING				
FILE NUMBER - 575-9902-1				
INITIAL PROJECT -				

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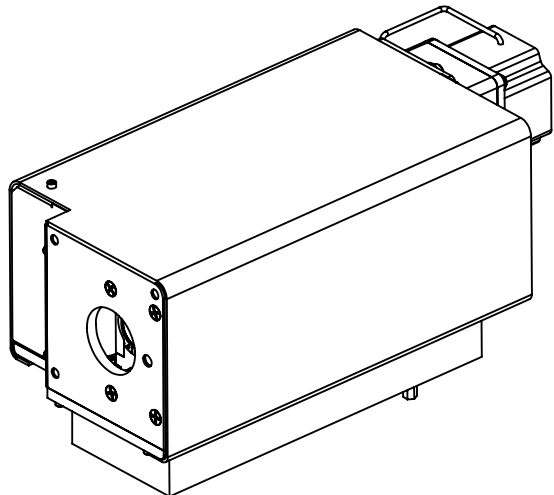
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Model 575-02
Linear, 4x7cc

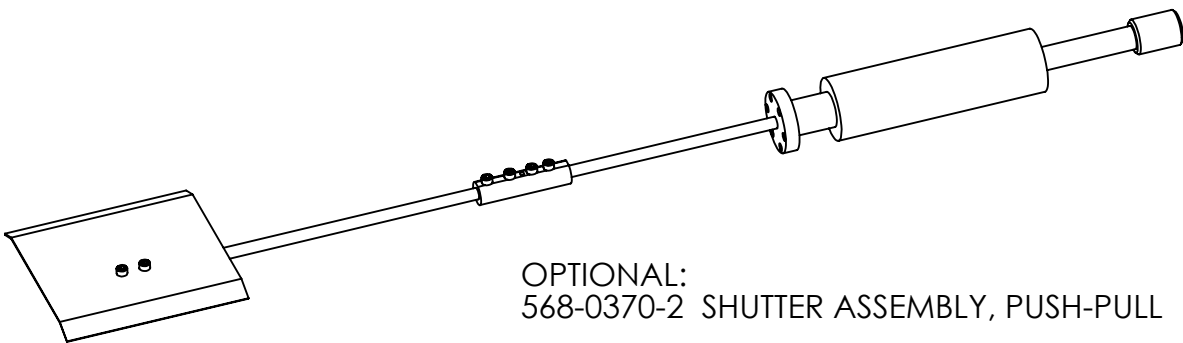
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SHEET	1 of 1				

ITEM 33 OPTIONS

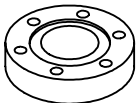
PART NUMBER	DESCRIPTION
575-1301-1	CF Flange, 10", Short
575-1301-1-LV	CF Flange, 10", Short, Leak Vent Vertical
575-1301-1-S	CF Flange, 10", Short, Shroud
575-1301-1-SLV	CF Flange, 10", Short, Leak Vent Vert, Shroud



OPTIONAL AUTO INDEXER
568-1497-5 REPLACES ITEM 30



OPTIONAL:
568-0370-2 SHUTTER ASSEMBLY, PUSH-PULL

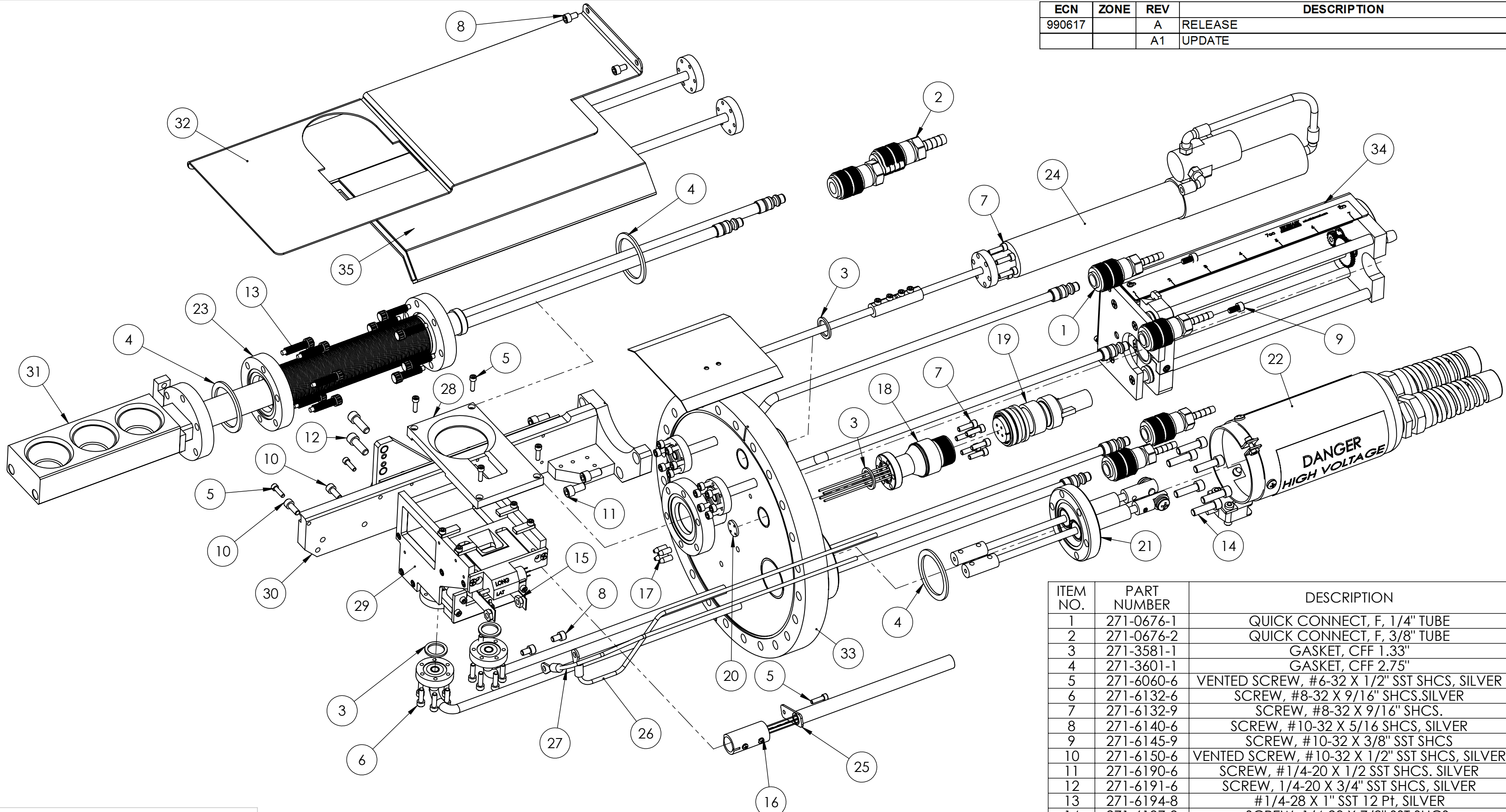


2X 271-5133-2 1.33 CFF BLANK
IS USED IF AN OPTIONAL
SHUTTER IS NOT INSTALLED

1
2
3
4

A B C D E F G

ECN	ZONE	REV	DESCRIPTION	BY	DATE
990617		A	RELEASE	PWF	8/14/2012
		A1	UPDATE	PWF	2/1/2013

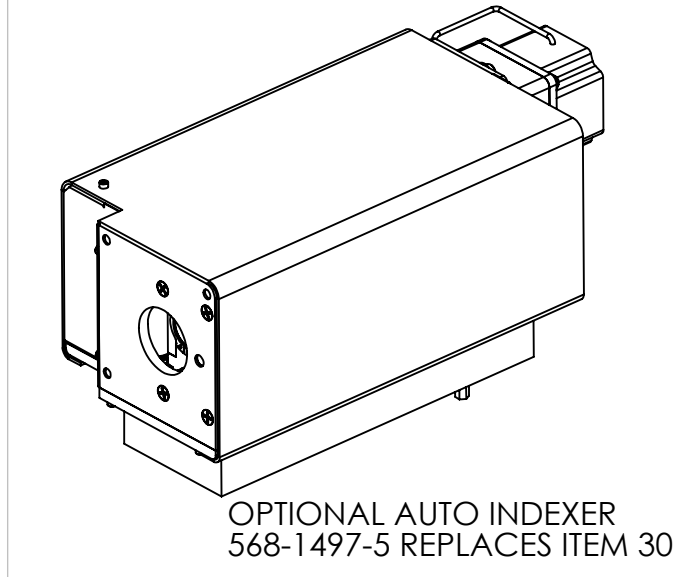


ITEM NO.	PART NUMBER	DESCRIPTION	575-9903-1/QTY.
1	271-0676-1	QUICK CONNECT, F, 1/4" TUBE	4
2	271-0676-2	QUICK CONNECT, F, 3/8" TUBE	2
3	271-3581-1	GASKET, CFF 1.33"	6
4	271-3601-1	GASKET, CFF 2.75"	3
5	271-6060-6	VENTED SCREW, #6-32 X 1/2" SST SHCS, SILVER	7
6	271-6132-6	SCREW, #8-32 X 9/16" SHCS, SILVER	24
7	271-6132-9	SCREW, #8-32 X 9/16" SHCS.	12
8	271-6140-6	SCREW, #10-32 X 5/16 SHCS, SILVER	4
9	271-6145-9	SCREW, #10-32 X 3/8" SST SHCS	3
10	271-6150-6	VENTED SCREW, #10-32 X 1/2" SST SHCS, SILVER	2
11	271-6190-6	SCREW, #1/4-20 X 1/2 SST SHCS, SILVER	3
12	271-6191-6	SCREW, 1/4-20 X 3/4" SST SHCS, SILVER	2
13	271-6194-8	#1/4-28 X 1" SST 12 Pt, SILVER	12
14	271-6197-9	SCREW, 1/4-28 X 7/8" SST SHCS.	6
15	271-6255-1	NUT, #10-32, SST	2
16	272-0125-3	COIL CONNECTOR ASSY., UHV	1
17	275-0014-2	PIN CONNECTION	4
18	275-0014-3	4 PIN INSTRUMENT FEEDTHRU, CFF	1
19	275-0014-5	4 PIN CIRCULAR CONNECTOR	1
20	275-0014-6	4 PIN CERAMIC SEPARATOR	1
21	275-0019-1	DUAL PASS HV FEEDTHRU	1
22	275-0212-2	HV COVER ASSEMBLY, CFF, 2 PASS	1
23	568-0226-1	BELLOWS	1
24	568-0388-1	SHUTTER ASSEMBLY	1
25	568-0632-1	COIL LEAD SUPPORT TUBE ASSY. STD. ILG	1
26	568-3039-1	COPPER STRAP	1
27	568-3039-1	COPPER STRAP	1
28	575-0073-1	COVER, 15cc	1
29	575-0133-1	575 SOURCE SUB ASSEMBLY	1
30	575-0140-1	RAIL ASSEMBLY, SHORT	1
31	575-0215-3	CRUCIBLE ASSEMBLY, 3X15cc	1
32	575-0365-1	SHIELD	1
33	575-1301-1-S	CF FLANGE ASSEMBLY, SHORT	1
34	575-2497-2	LINEAR DRIVE ASSEMBLY	1
35	575-3001-1	SHROUD 575	1

OPTIONAL →

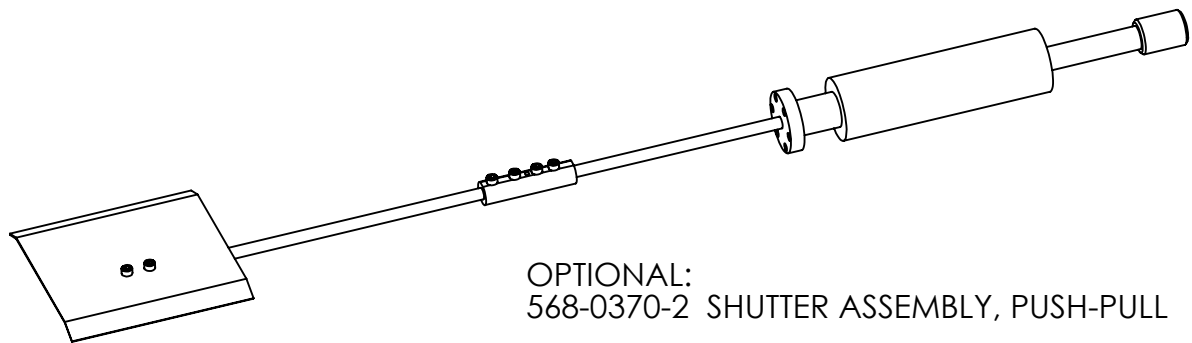
SEE TABLE FOR OPTIONS →

OPTIONAL →

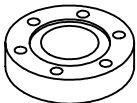


OPTIONAL AUTO INDEXER
568-1497-5 REPLACES ITEM 30

ITEM 33 OPTIONS	
PART NUMBER	DESCRIPTION
575-1301-1	CF Flange, 10", Short
575-1301-1-LV	CF Flange, 10", Short, Leak Vent Vertical
575-1301-1-S	CF Flange, 10", Short, Shroud
575-1301-1-SLV	CF Flange, 10", Short, Leak Vent Vert, Shroud



OPTIONAL:
568-0370-2 SHUTTER ASSEMBLY, PUSH-PULL



2X 271-5133-2 1.33 CFF BLANK
IS USED IF AN OPTIONAL
SHUTTER IS NOT INSTALLED

UNLESS OTHERWISE SPECIFIED GLOBAL TOLERANCES	
X	±.03 [0.762]
.XX	±.01 [0.254]
.XXX	±.005 [0.127]
ANGLES	±.5°
SURF FINISH	63 RMS

DWG BY	DATE	mo/day/yr	MATERIAL:	B.O.M.
CHECK BY	DATE		FINISH:	
PROJ ENG	DATE			
MFG ENG	DATE			
DO NOT SCALE DRAWING		THIRD ANGLE PROJECTION		
FILE NUMBER - 575-9903-1				
INITIAL PROJECT -				

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**Model 575-03
Linear, 3x15cc**

SCALE	1:3	DWG NO.	575-9903-1	REV	A1
SHEET	1 of 1				

A

B

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D

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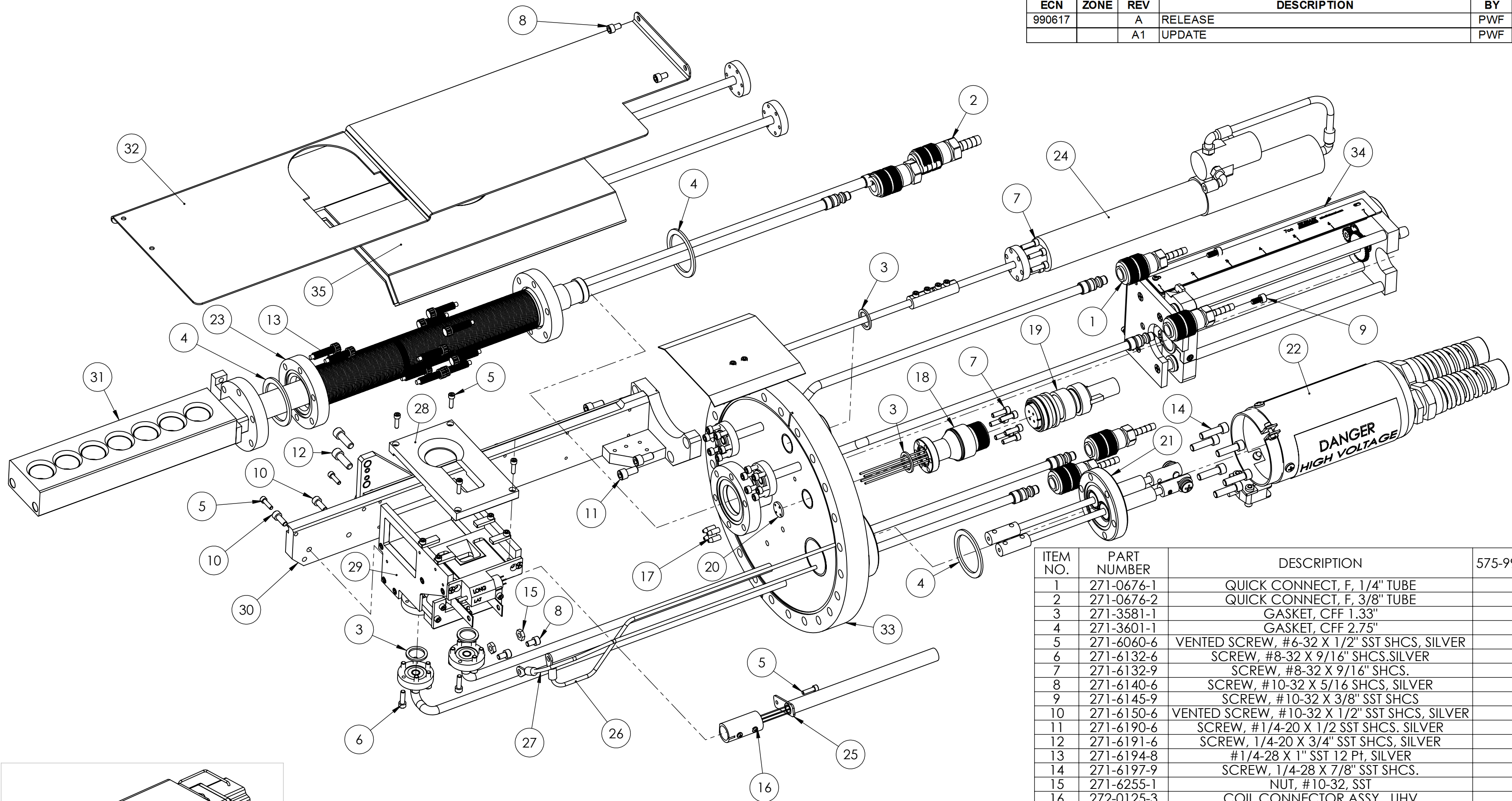
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990617		A	RELEASE	PWF	8/14/2012
		A1	UPDATE	PWF	2/1/2013

1

2

3

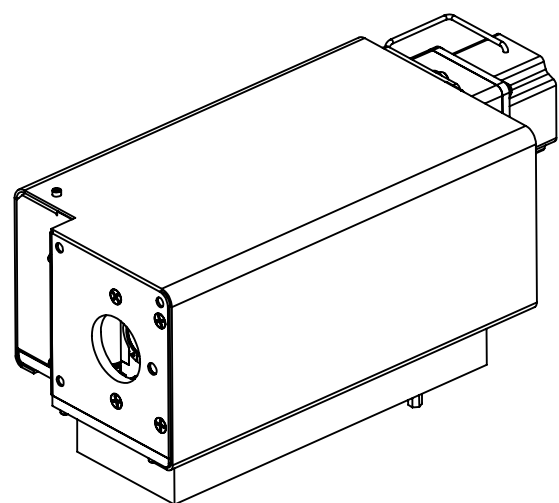
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ITEM NO.	PART NUMBER	DESCRIPTION	575-9904-1/QTY.
1	271-0676-1	QUICK CONNECT, F, 1/4" TUBE	4
2	271-0676-2	QUICK CONNECT, F, 3/8" TUBE	2
3	271-3581-1	GASKET, CFF 1.33"	6
4	271-3601-1	GASKET, CFF 2.75"	3
5	271-6060-6	VENTED SCREW, #6-32 X 1/2" SST SHCS, SILVER	7
6	271-6132-6	SCREW, #8-32 X 9/16" SHCS, SILVER	24
7	271-6132-9	SCREW, #8-32 X 9/16" SHCS.	12
8	271-6140-6	SCREW, #10-32 X 5/16 SHCS, SILVER	4
9	271-6145-9	SCREW, #10-32 X 3/8" SST SHCS	3
10	271-6150-6	VENTED SCREW, #10-32 X 1/2" SST SHCS, SILVER	2
11	271-6190-6	SCREW, #1/4-20 X 1/2 SST SHCS. SILVER	3
12	271-6191-6	SCREW, 1/4-20 X 3/4" SST SHCS, SILVER	2
13	271-6194-8	#1/4-28 X 1" SST 12 Pt, SILVER	12
14	271-6197-9	SCREW, 1/4-28 X 7/8" SST SHCS.	6
15	271-6255-1	NUT, #10-32, SST	2
16	272-0125-3	COIL CONNECTOR ASSY., UHV	1
17	275-0014-2	PIN CONNECTION	4
18	275-0014-3	4 PIN INSTRUMENT FEEDTHRU, CFF	1
19	275-0014-5	4 PIN CIRCULAR CONNECTOR	1
20	275-0014-6	4 PIN CERAMIC SEPARATOR	1
21	275-0019-1	DUAL PASS HV FEEDTHRU	1
22	275-0212-2	HV COVER ASSEMBLY, CFF, 2 PASS	1
23	568-0226-2	BELLOWS	1
24	568-0388-2	SHUTTER ASSEMBLY	1
25	568-0632-1	COIL LEAD SUPPORT TUBE ASSY. STD. ILG	1
26	568-3039-1	COPPER STRAP	1
27	568-3039-1	COPPER STRAP	1
28	575-0073-4	COVER, 4cc	1
29	575-0133-1	575 SOURCE SUB ASSEMBLY	1
30	575-0140-2	RAIL ASSEMBLY, LONG	1
31	575-0205-3	CRUCIBLE ASSEMBLY, 7x 4cc	1
32	575-0365-2	SHIELD, LONG	1
33	575-1301-2-S	CF FLANGE ASSEMBLY, LONG	1
34	575-2497-2	LINEAR DRIVE ASSEMBLY	1
35	575-3001-2	SHROUD 575, LONG	1

ITEM 33 OPTIONS

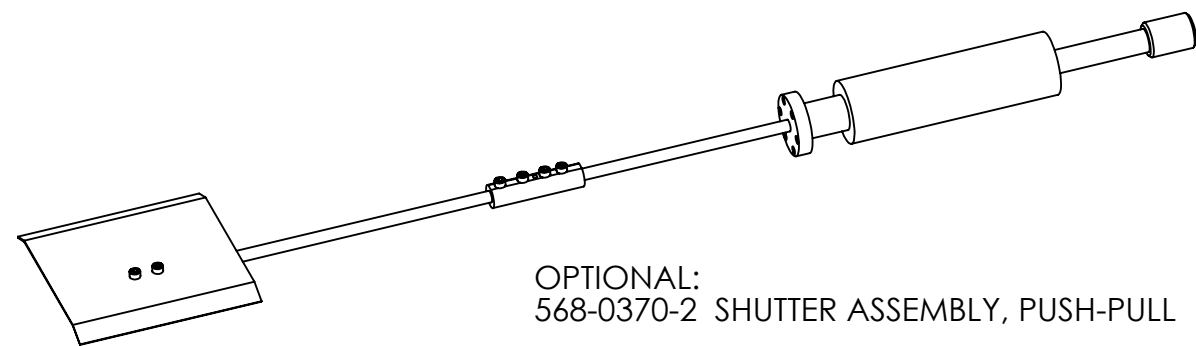
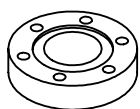
PART NUMBER	DESCRIPTION
575-1301-2	CF Flange, 10", Long
575-1301-2-LV	CF Flange, 10", Long, Leak Vent Vertical
575-1301-2-S	CF Flange, 10", Long, Shroud
575-1301-2-SLV	CF Flange, 10", Long, Leak Vent Vert, Shroud

OPTIONAL AUTO INDEXER
568-1497-5 REPLACES ITEM 30

OPTIONAL →

SEE TABLE FOR OPTIONS →

OPTIONAL →

OPTIONAL:
568-0370-2 SHUTTER ASSEMBLY, PUSH-PULL2X 271-5133-2 1.33 CFF BLANK
IS USED IF AN OPTIONAL
SHUTTER IS NOT INSTALLEDUNLESS OTHERWISE SPECIFIED
GLOBAL TOLERANCESINCHES [mm]
X +/- .03 [0.762]
.XX +/- .01 [0.254]
.XXX +/- .005 [0.127]ANGLES +/- .5°
SURF FINISH .63 RMSDWG BY
CHECK BY
PROJ ENG
MFG ENG

DO NOT SCALE DRAWING

FILE NUMBER - 575-9904-1
INITIAL PROJECT -

DATE mo/day/yr

DATE
DATE
DATE

MATERIAL: B.O.M.

FINISH:

THIRD ANGLE PROJECTION

TELEMARK

telemark.com

Model 575-04
Linear, 7x4ccSCALE 1:3
SHEET 1 of 1DWG NO.
575-9904-1REV
A1

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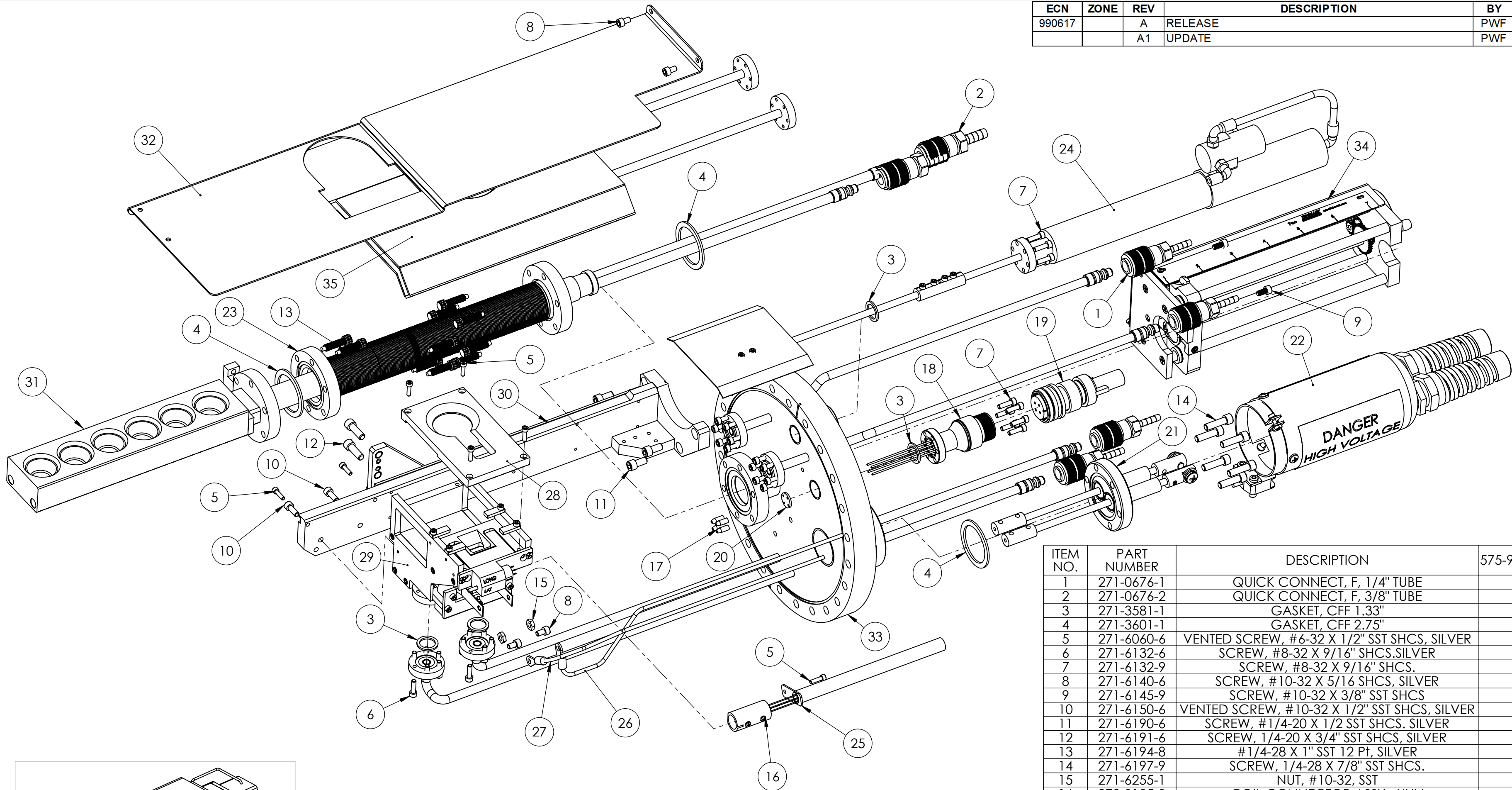
ECN	ZONE	REV	DESCRIPTION	BY	DATE
990617		A	RELEASE	PWF	8/14/2012
		A1	UPDATE	PWF	2/1/2013

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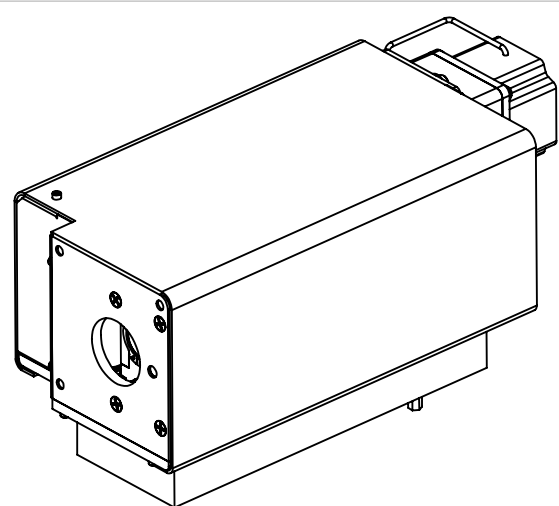
4



ITEM NO.	PART NUMBER	DESCRIPTION	575-9905-1/QTY.
1	271-0676-1	QUICK CONNECT, F, 1/4" TUBE	4
2	271-0676-2	QUICK CONNECT, F, 3/8" TUBE	2
3	271-3581-1	GASKET, CFF 1.33"	6
4	271-3601-1	GASKET, CFF 2.75"	3
5	271-6060-6	VENTED SCREW, #6-32 X 1/2" SST SHCS, SILVER	7
6	271-6132-6	SCREW, #8-32 X 9/16" SHCS.SILVER	24
7	271-6132-9	SCREW, #8-32 X 9/16" SHCS.	12
8	271-6140-6	SCREW, #10-32 X 5/16 SHCS, SILVER	4
9	271-6145-9	SCREW, #10-32 X 3/8" SST SHCS	3
10	271-6150-6	VENTED SCREW, #10-32 X 1/2" SST SHCS, SILVER	2
11	271-6190-6	SCREW, #1/4-20 X 1/2 SST SHCS. SILVER	3
12	271-6191-6	SCREW, 1/4-20 X 3/4" SST SHCS, SILVER	2
13	271-6194-8	#1/4-28 X 1" SST 12 Pt, SILVER	12
14	271-6197-9	SCREW, 1/4-28 X 7/8" SST SHCS.	6
15	271-6255-1	NUT, #10-32, SST	2
16	272-0125-3	COIL CONNECTOR ASSY., UHV	1
17	275-0014-2	PIN CONNECTION	4
18	275-0014-3	4 PIN INSTRUMENT FEEDTHRU, CFF	1
19	275-0014-5	4 PIN CIRCULAR CONNECTOR	1
20	275-0014-6	4 PIN CERAMIC SEPARATOR	1
21	275-0019-1	DUAL PASS HV FEEDTHRU	1
22	275-0212-2	HV COVER ASSEMBLY, CFF, 2 PASS	1
23	568-0226-2	BELLOWS	1
24	568-0388-2	SHUTTER ASSEMBLY	1
25	568-0632-1	COIL LEAD SUPPORT TUBE ASSY. STD. ILG	1
26	568-3039-1	COPPER STRAP	1
27	568-3039-1	COPPER STRAP	1
28	575-0073-3	COVER, 7cc	1
29	575-0133-1	575 SOURCE SUB ASSEMBLY	1
30	575-0140-2	RAIL ASSEMBLY, LONG	1
31	575-0208-3	CRUCIBLE ASSEMBLY, 6x 7cc	1
32	575-0365-2	SHIELD, LONG	1
33	575-1301-2-S	CF FLANGE ASSEMBLY, LONG	1
34	575-2497-2	LINEAR DRIVE ASSEMBLY	1
35	575-3001-2	SHROUD 575, LONG	1

ITEM 33 OPTIONS

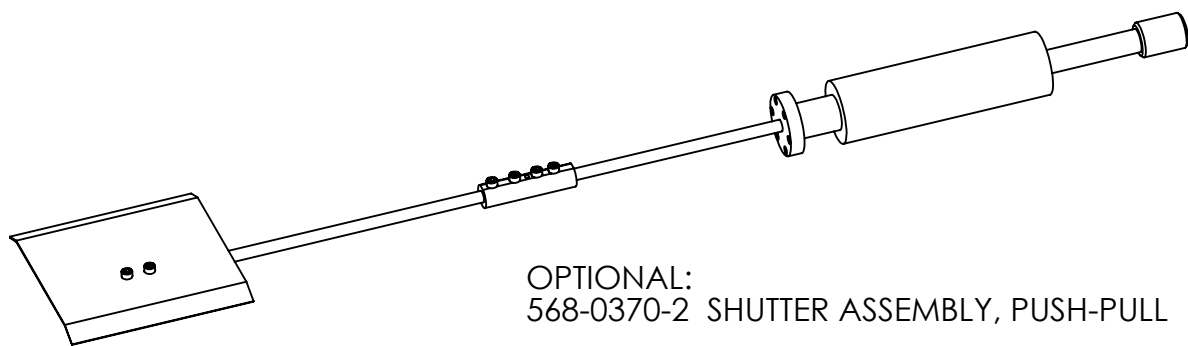
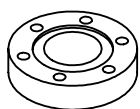
PART NUMBER	DESCRIPTION
575-1301-2	CF Flange, 10", Long
575-1301-2-LV	CF Flange, 10", Long, Leak Vent Vertical
575-1301-2-S	CF Flange, 10", Long, Shroud
575-1301-2-SLV	CF Flange, 10", Long, Leak Vent Vert, Shroud

OPTIONAL AUTO INDEXER
568-1497-5 REPLACES ITEM 30

OPTIONAL →

SEE TABLE FOR OPTIONS →

OPTIONAL →

OPTIONAL:
568-0370-2 SHUTTER ASSEMBLY, PUSH-PULL2X 271-5133-2 1.33 CFF BLANK
IS USED IF AN OPTIONAL
SHUTTER IS NOT INSTALLEDUNLESS OTHERWISE SPECIFIED
GLOBAL TOLERANCESINCHES [mm]
X +/- .03 [0.762]
.XX +/- 0.01 [0.254]
.XXX +/- 0.005 [0.127]ANGLES +/- .5°
SURF FINISH .63 RMSDWG BY
CHECK BY
PROJ ENG
MFG ENG

DO NOT SCALE DRAWING

FILE NUMBER - 575-9905-1
INITIAL PROJECT -

DATE mo/day/yr

DATE

DATE

MATERIAL: B.O.M.

FINISH:

THIRD ANGLE PROJECTION

TELEMARK

telemark.com

Model 575-05
Linear, 6x7cc

C

SCALE 1:3
SHEET 1 of 1DWG NO.
575-9905-1REV
A1

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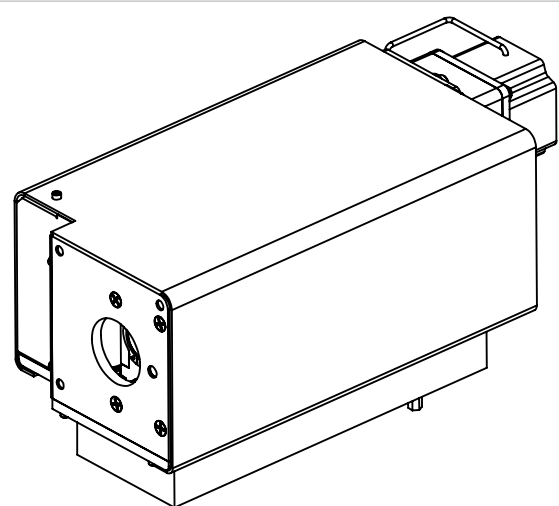
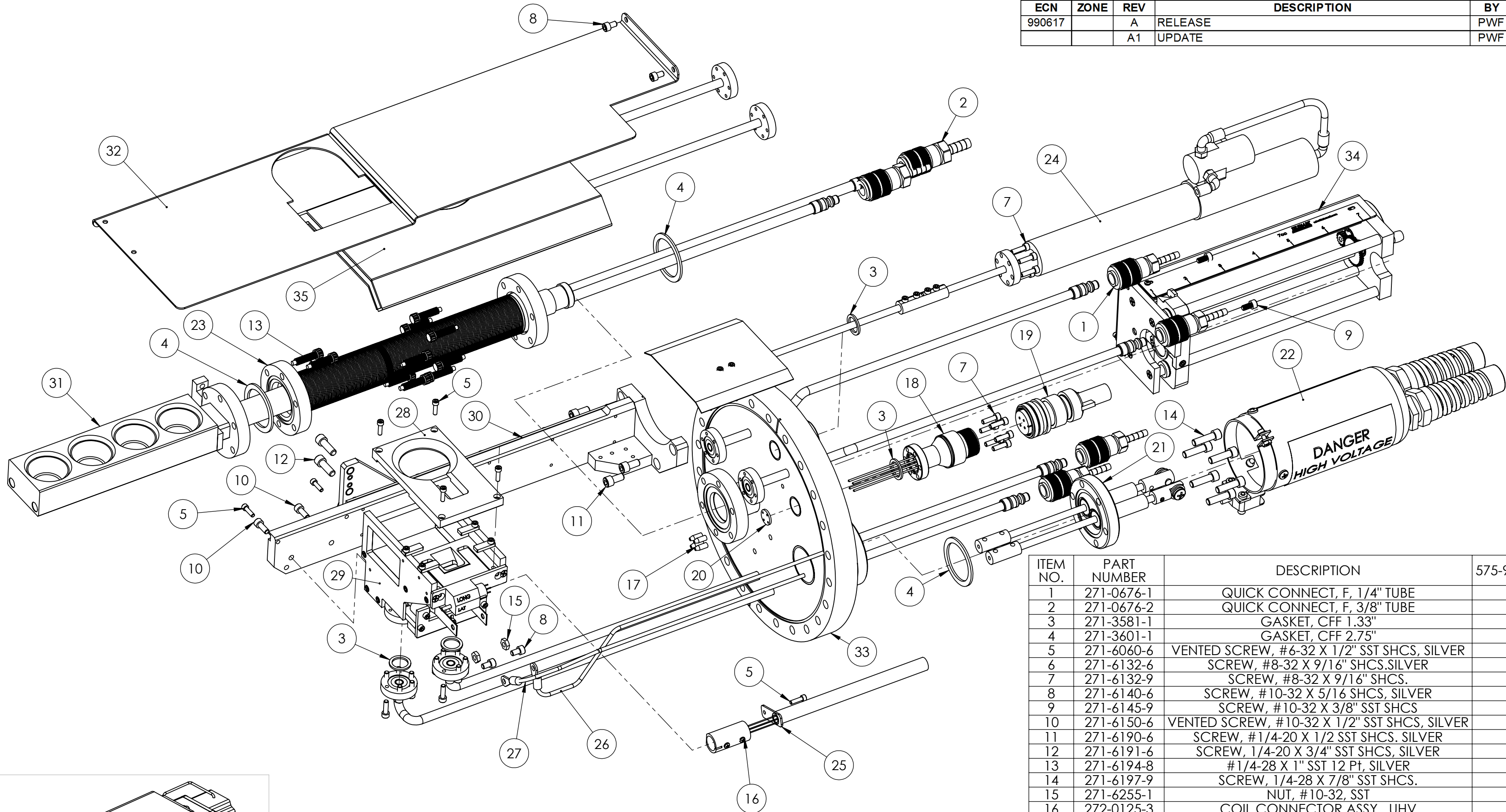
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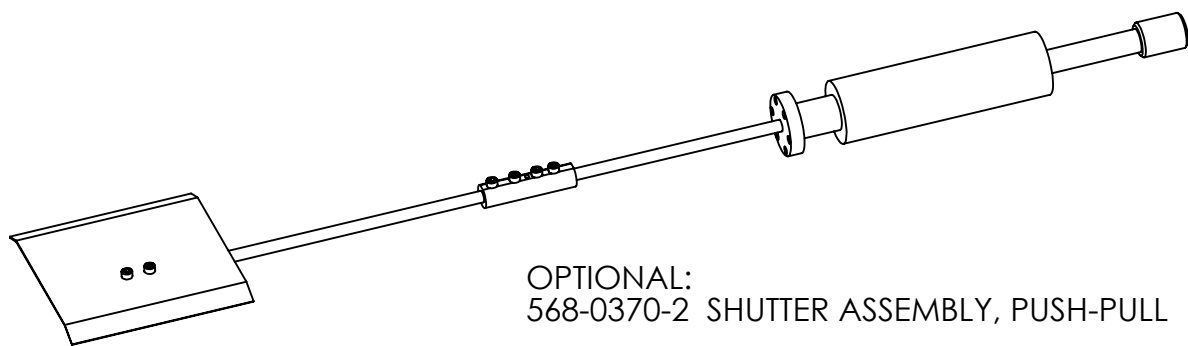
ECN	ZONE	REV	DESCRIPTION	BY	DATE
990617		A	RELEASE	PWF	8/14/2012
		A1	UPDATE	PWF	2/1/2013



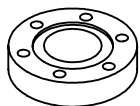
OPTIONAL AUTO INDEXER
568-1497-5 REPLACES ITEM 30

ITEM 33 OPTIONS

PART NUMBER	DESCRIPTION
575-1301-2	CF Flange, 10", Long
575-1301-2-LV	CF Flange, 10", Long, Leak Vent Vertical
575-1301-2-S	CF Flange, 10", Long, Shroud
575-1301-2-SLV	CF Flange, 10", Long, Leak Vent Vert, Shroud



OPTIONAL:
568-0370-2 SHUTTER ASSEMBLY, PUSH-PULL



2X 271-5133-2 1.33 CFF BLANK
IS USED IF AN OPTIONAL
SHUTTER IS NOT INSTALLED

OPTIONAL →

SEE TABLE FOR OPTIONS →

OPTIONAL →

ITEM NO.	PART NUMBER	DESCRIPTION	575-9906-1/QTY.
1	271-0676-1	QUICK CONNECT, F, 1/4" TUBE	4
2	271-0676-2	QUICK CONNECT, F, 3/8" TUBE	2
3	271-3581-1	GASKET, CFF 1.33"	4
4	271-3601-1	GASKET, CFF 2.75"	3
5	271-6060-6	VENTED SCREW, #6-32 X 1/2" SST SHCS, SILVER	7
6	271-6132-6	SCREW, #8-32 X 9/16" SHCS, SILVER	12
7	271-6132-9	SCREW, #8-32 X 9/16" SHCS.	12
8	271-6140-6	SCREW, #10-32 X 5/16 SHCS, SILVER	4
9	271-6145-9	SCREW, #10-32 X 3/8" SST SHCS	3
10	271-6150-6	VENTED SCREW, #10-32 X 1/2" SST SHCS, SILVER	2
11	271-6190-6	SCREW, #1/4-20 X 1/2 SST SHCS. SILVER	3
12	271-6191-6	SCREW, 1/4-20 X 3/4" SST SHCS, SILVER	2
13	271-6194-8	#1/4-28 X 1" SST 12 PT, SILVER	12
14	271-6197-9	SCREW, 1/4-28 X 7/8" SST SHCS.	6
15	271-6255-1	NUT, #10-32, SST	2
16	272-0125-3	COIL CONNECTOR ASSY., UHV	1
17	275-0014-2	PIN CONNECTION	4
18	275-0014-3	4 PIN INSTRUMENT FEEDTHRU, CFF	1
19	275-0014-5	4 PIN CIRCULAR CONNECTOR	1
20	275-0014-6	4 PIN CERAMIC SEPERATOR	1
21	275-0019-1	DUAL PASS HV FEEDTHRU	1
22	275-0212-2	HV COVER ASSEMBLY, CFF, 2 PASS	1
23	568-0226-2	BELLOWS	1
24	568-0388-2	SHUTTER ASSEMBLY	1
25	568-0632-1	COIL LEAD SUPPORT TUBE ASSY. STD. ILG	1
26	568-3039-1	COPPER STRAP	1
27	568-3039-1	COPPER STRAP	1
28	575-0073-1	COVER, 15cc	1
29	575-0133-1	575 SOURCE SUB ASSEMBLY	1
30	575-0140-2	RAIL ASSEMBLY, LONG	1
31	575-0216-3	CRUCIBLE ASSEMBLY, 4X15cc	1
32	575-0365-2	SHIELD, LONG	1
33	575-1301-2-S	CF FLANGE ASSEMBLY, LONG	1
34	575-2497-2	LINEAR DRIVE ASSEMBLY	1
35	575-3001-2	SHROUD 575, LONG	1

UNLESS OTHERWISE SPECIFIED
GLOBAL TOLERANCES

INCHES [mm]
X +/- .03 [0.762]
.XX +/- .01 [0.254]
.XXX +/- .005 [0.127]

ANGLES +/- .5°
SURF FINISH .63 RMS

DWG BY
CHECK BY
PROJ ENG
MFG ENG

DO NOT SCALE DRAWING

FILE NUMBER - 575-9906-1
INITIAL PROJECT -

DATE mo/day/yr

DATE
DATE
DATE

MATERIAL: B.O.M.

FINISH:

THIRD ANGLE PROJECTION

TELEMARK

telemark.com

**Model 575-06
Linear, 4x15cc**

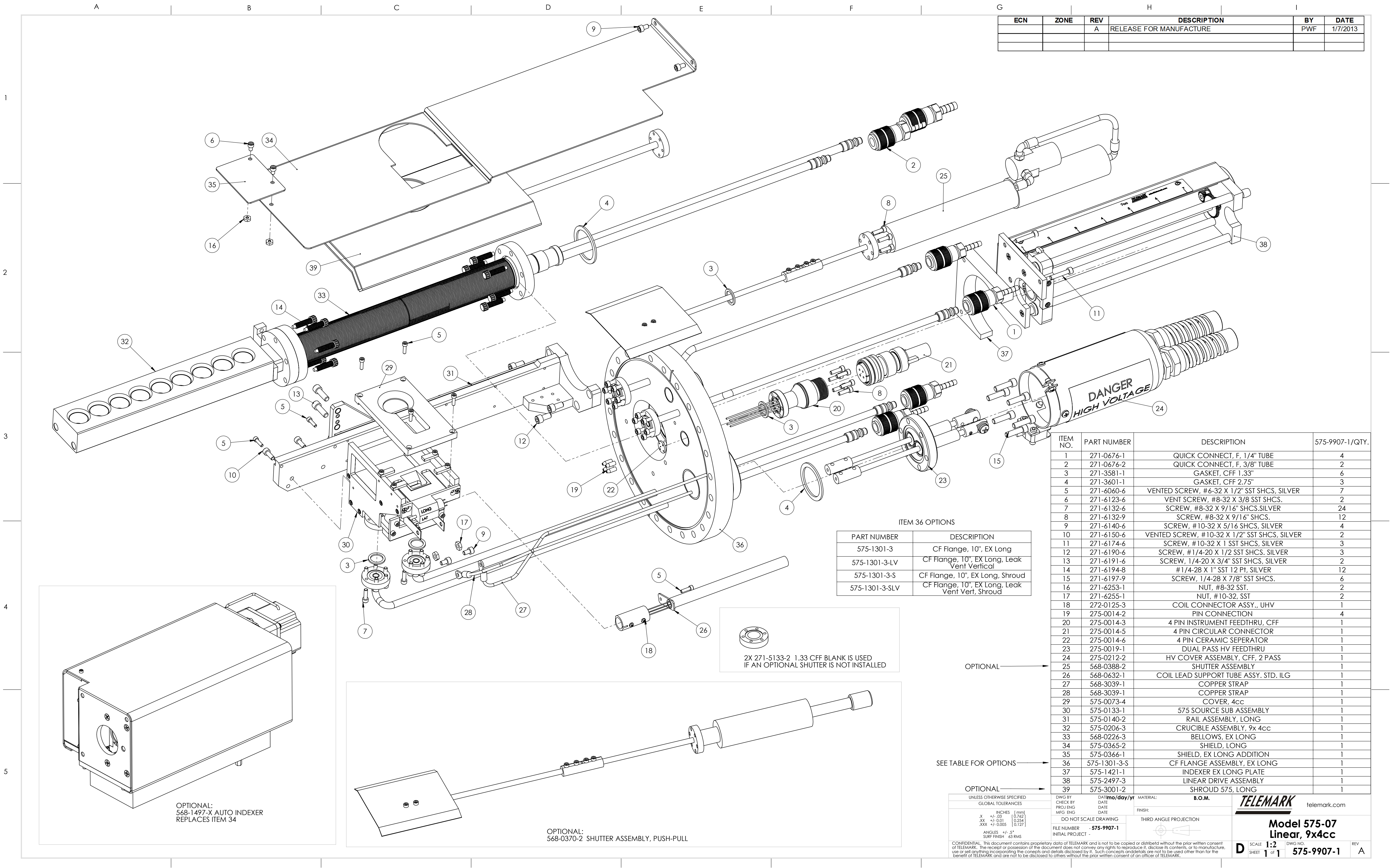
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SCALE 1:3
SHEET 1 of 1

DWG NO.
575-9906-1

REV
A1

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ECN	ZONE	REV	DESCRIPTION	BY	DATE
		A	RELEASE FOR MANUFACTURE	PWF	1/7/2013

ITEM 36 OPTIONS	
PART NUMBER	DESCRIPTION
575-1301-3	CF Flange, 10", EX Long
575-1301-3-LV	CF Flange, 10", EX Long, Leak Vent Vertical
575-1301-3-S	CF Flange, 10", EX Long, Shroud
575-1301-3-SLV	CF Flange, 10", EX Long, Leak Vent Vert, Shroud

ITEM NO.	PART NUMBER	DESCRIPTION	575-9907-1/QTY.
1	271-0676-1	QUICK CONNECT, F, 1/4" TUBE	4
2	271-0676-2	QUICK CONNECT, F, 3/8" TUBE	2
3	271-3581-1	GASKET, CFF 1.33"	6
4	271-3601-1	GASKET, CFF 2.75"	3
5	271-6060-6	VENTED SCREW, #6-32 X 1/2" SST SHCS, SILVER	7
6	271-6123-6	VENT SCREW, #8-32 X 3/8 SST SHCS.	2
7	271-6132-6	SCREW, #8-32 X 9/16" SHCS.SILVER	24
8	271-6132-9	SCREW, #8-32 X 9/16" SHCS.	12
9	271-6140-6	SCREW, #10-32 X 5/16 SHCS, SILVER	4
10	271-6150-6	VENTED SCREW, #10-32 X 1/2" SST SHCS, SILVER	2
11	271-6174-6	SCREW, #10-32 X 1 SST SHCS, SILVER	3
12	271-6190-6	SCREW, #1/4-20 X 1/2 SST SHCS. SILVER	3
13	271-6191-6	SCREW, 1/4-20 X 3/4" SST SHCS, SILVER	2
14	271-6194-8	#1/4-28 X 1" SST 12 Pt, SILVER	12
15	271-6197-9	SCREW, 1/4-28 X 7/8" SST SHCS.	6
16	271-6253-1	NUT, #8-32 SST.	2
17	271-6255-1	NUT, #10-32, SST	2
18	272-0125-3	COIL CONNECTOR ASSY., UHV	1
19	275-0014-2	PIN CONNECTION	4
20	275-0014-3	4 PIN INSTRUMENT FEEDTHRU, CFF	1
21	275-0014-5	4 PIN CIRCULAR CONNECTOR	1
22	275-0014-6	4 PIN CERAMIC SEPERATOR	1
23	275-0019-1	DUAL PASS HV FEEDTHRU	1
24	275-0212-2	HV COVER ASSEMBLY, CFF, 2 PASS	1
25	568-0388-2	SHUTTER ASSEMBLY	1
26	568-0632-1	COIL LEAD SUPPORT TUBE ASSY. STD. ILG	1
27	568-3039-1	COPPER STRAP	1
28	568-3039-1	COPPER STRAP	1
29	575-0073-4	COVER, 4cc	1
30	575-0133-1	575 SOURCE SUB ASSEMBLY	1
31	575-0140-2	RAIL ASSEMBLY, LONG	1
32	575-0206-3	CRUCIBLE ASSEMBLY, 9x 4cc	1
33	568-0226-3	BELLOWS, EX LONG	1
34	575-0365-2	SHIELD, LONG	1
35	575-0366-1	SHIELD, EX LONG ADDITION	1
36	575-1301-3-S	CF FLANGE ASSEMBLY, EX LONG	1
37	575-1421-1	INDEXER EX LONG PLATE	1
38	575-2497-3	LINEAR DRIVE ASSEMBLY	1
39	575-3001-2	SHROUD 575, LONG	1

UNLESS OTHERWISE SPECIFIED:
GLOBAL TOLERANCES

	INCHES	[mm]
.X	+/- .03	[0.762]
.XX	+/- .001	[0.254]
.XXX	+/- .0005	[0.127]

ANGLES +/- .5°
SURF FINISH 63 RMS

DWG BY
CHECK BY
PROJ ENG
DATE

DATE
DATE

DO NOT SCALE DRAWING

FILE NUMBER
INITIAL PROJECT

DATE/mo/day/yr

MATERIAL:
B.O.M.

FINISH:

THIRD ANGLE PROJECTION

TELEMARK

telemark.com

Model 575-07

Linear, 9x4cc

D

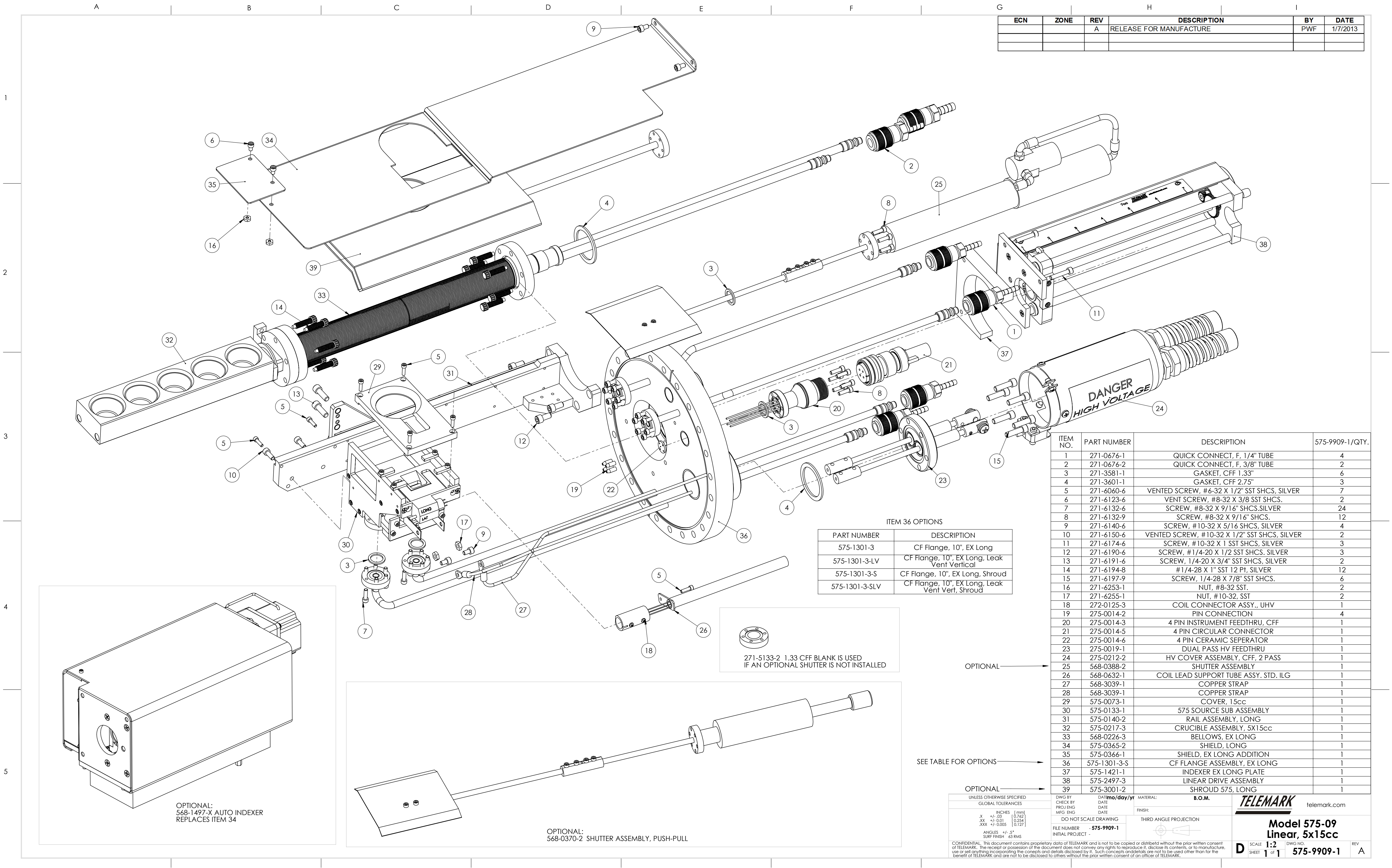
SCALE 1:2

SHEET 1 of 1

DWG NO. 575-9907-1

REV A

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ECN	ZONE	REV	DESCRIPTION	BY	DATE
		A	RELEASE FOR MANUFACTURE	PWF	1/7/2013

PART NUMBER	DESCRIPTION
575-1301-3	CF Flange, 10", EX Long
575-1301-3-LV	CF Flange, 10", EX Long, Leak Vent Vertical
575-1301-3-S	CF Flange, 10", EX Long, Shroud
575-1301-3-SLV	CF Flange, 10", EX Long, Leak Vent Vert, Shroud

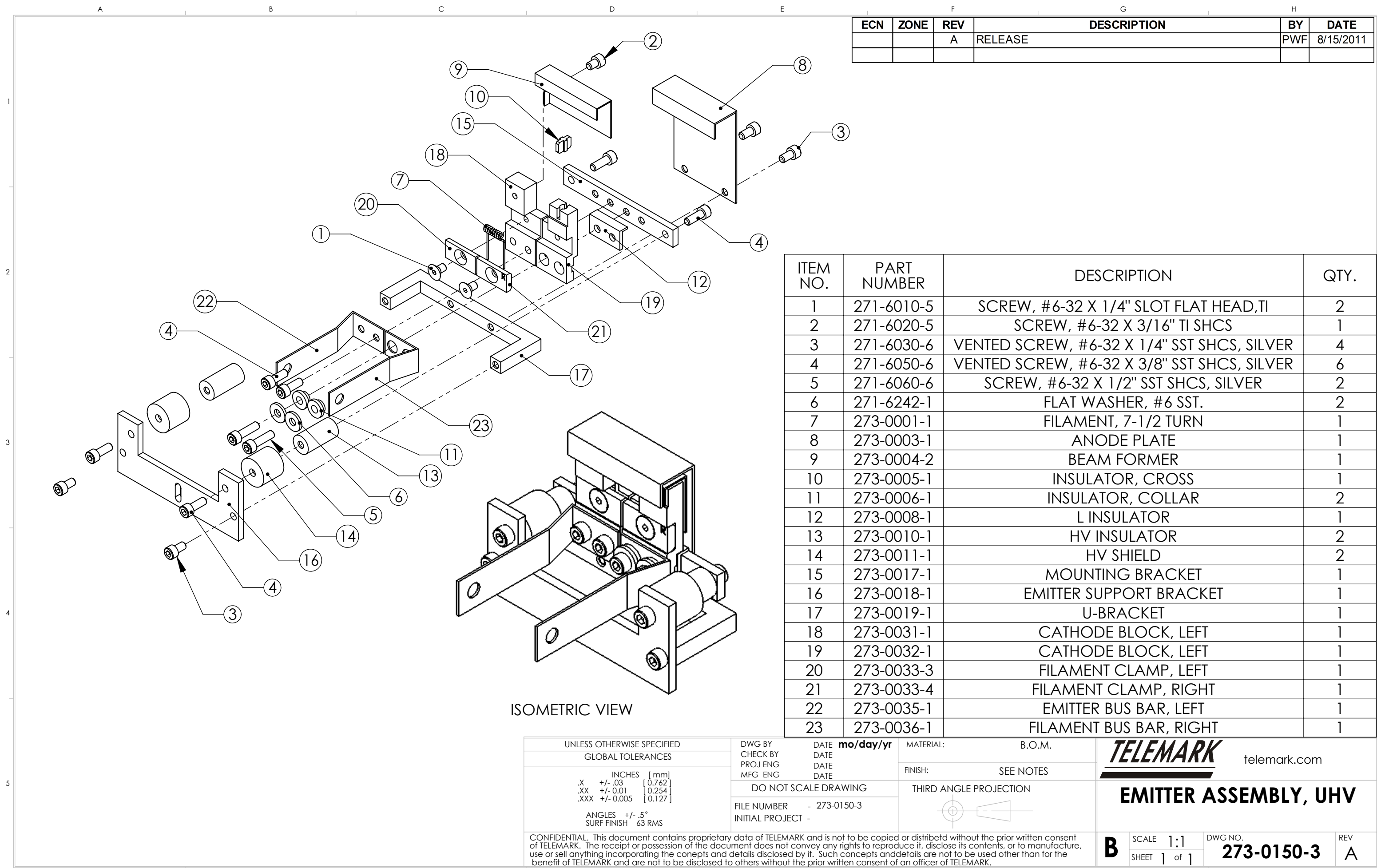
ITEM NO.	PART NUMBER	DESCRIPTION	575-9909-1/QTY.
1	271-0676-1	QUICK CONNECT, F, 1/4" TUBE	4
2	271-0676-2	QUICK CONNECT, F, 3/8" TUBE	2
3	271-3581-1	GASKET, CFF 1.33"	6
4	271-3601-1	GASKET, CFF 2.75"	3
5	271-6060-6	VENTED SCREW, #6-32 X 1/2" SST SHCS, SILVER	7
6	271-6123-6	VENT SCREW, #8-32 X 3/8 SST SHCS.	2
7	271-6132-6	SCREW, #8-32 X 9/16" SHCS.SILVER	24
8	271-6132-9	SCREW, #8-32 X 9/16" SHCS.	12
9	271-6140-6	SCREW, #10-32 X 5/16 SHCS, SILVER	4
10	271-6150-6	VENTED SCREW, #10-32 X 1/2" SST SHCS, SILVER	2
11	271-6174-6	SCREW, #10-32 X 1 SST SHCS, SILVER	3
12	271-6190-6	SCREW, #1/4-20 X 1/2 SST SHCS, SILVER	3
13	271-6191-6	SCREW, 1/4-20 X 3/4" SST SHCS, SILVER	2
14	271-6194-8	#1/4-28 X 1" SST 12 PI, SILVER	12
15	271-6197-9	SCREW, 1/4-28 X 7/8" SST SHCS.	6
16	271-6253-1	NUT, #8-32 SST.	2
17	271-6255-1	NUT, #10-32, SST	2
18	272-0125-3	COIL CONNECTOR ASSY., UHV	1
19	275-0014-2	PIN CONNECTION	4
20	275-0014-3	4 PIN INSTRUMENT FEEDTHRU, CFF	1
21	275-0014-5	4 PIN CIRCULAR CONNECTOR	1
22	275-0014-6	4 PIN CERAMIC SEPERATOR	1
23	275-0019-1	DUAL PASS HV FEEDTHRU	1
24	275-0212-2	HV COVER ASSEMBLY, CFF, 2 PASS	1
25	568-0388-2	SHUTTER ASSEMBLY	1
26	568-0632-1	COIL LEAD SUPPORT TUBE ASSY. STD. ILG	1
27	568-3039-1	COPPER STRAP	1
28	568-3039-1	COPPER STRAP	1
29	575-0073-1	COVER, 15cc	1
30	575-0133-1	575 SOURCE SUB ASSEMBLY	1
31	575-0140-2	RAIL ASSEMBLY, LONG	1
32	575-0217-3	CRUCIBLE ASSEMBLY, 5X15cc	1
33	568-0226-3	BELLOWS, EX LONG	1
34	575-0365-2	SHIELD, LONG	1
35	575-0366-1	SHIELD, EX LONG ADDITION	1
36	575-1301-3-S	CF FLANGE ASSEMBLY, EX LONG	1
37	575-1421-1	INDEXER EX LONG PLATE	1
38	575-2497-3	LINEAR DRIVE ASSEMBLY	1
39	575-3001-2	SHROUD 575, LONG	1

DWG BY CHECK BY PROJ ENG MFG ENG	DATE DATE DATE	MATERIAL: B.O.M.	FINISH:
DO NOT SCALE DRAWING		THIRD ANGLE PROJECTION	
FILE NUMBER INITIAL PROJECT		575-9909-1	
UNLESS OTHERWISE SPECIFIED GLOBAL TOLERANCES			
INCHES [mm] .X +/- .03 [0.762] .XX +/- .001 [0.254] .XXX +/- .0005 [0.127]			
ANGLES +/- .5° SURF FINISH 63 RMS			
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D SCALE 1:2 SHEET 1 of 1		DWG NO. 575-9909-1 REV A	



Common Assemblies

E-Beam Source



ECN	ZONE	REV	DESCRIPTION	BY	DATE
		A	RELEASE	PWF	8/15/2011

UNLESS OTHERWISE SPECIFIED	
GLOBAL TOLERANCES	
	INCHES [mm]
.X	+/- .03 [0.762]
.XX	+/- 0.01 [0.254]
.XXX	+/- 0.005 [0.127]
ANGLES +/- .5°	
SURF FINISH 63 RMS	

DWG BY	DATE	mo/day/yr
CHECK BY	DATE	
PROJ ENG	DATE	
MFG ENG	DATE	
DO NOT SCALE DRAWING		
FILE NUMBER	- 273-0150-3	
INITIAL PROJECT	-	

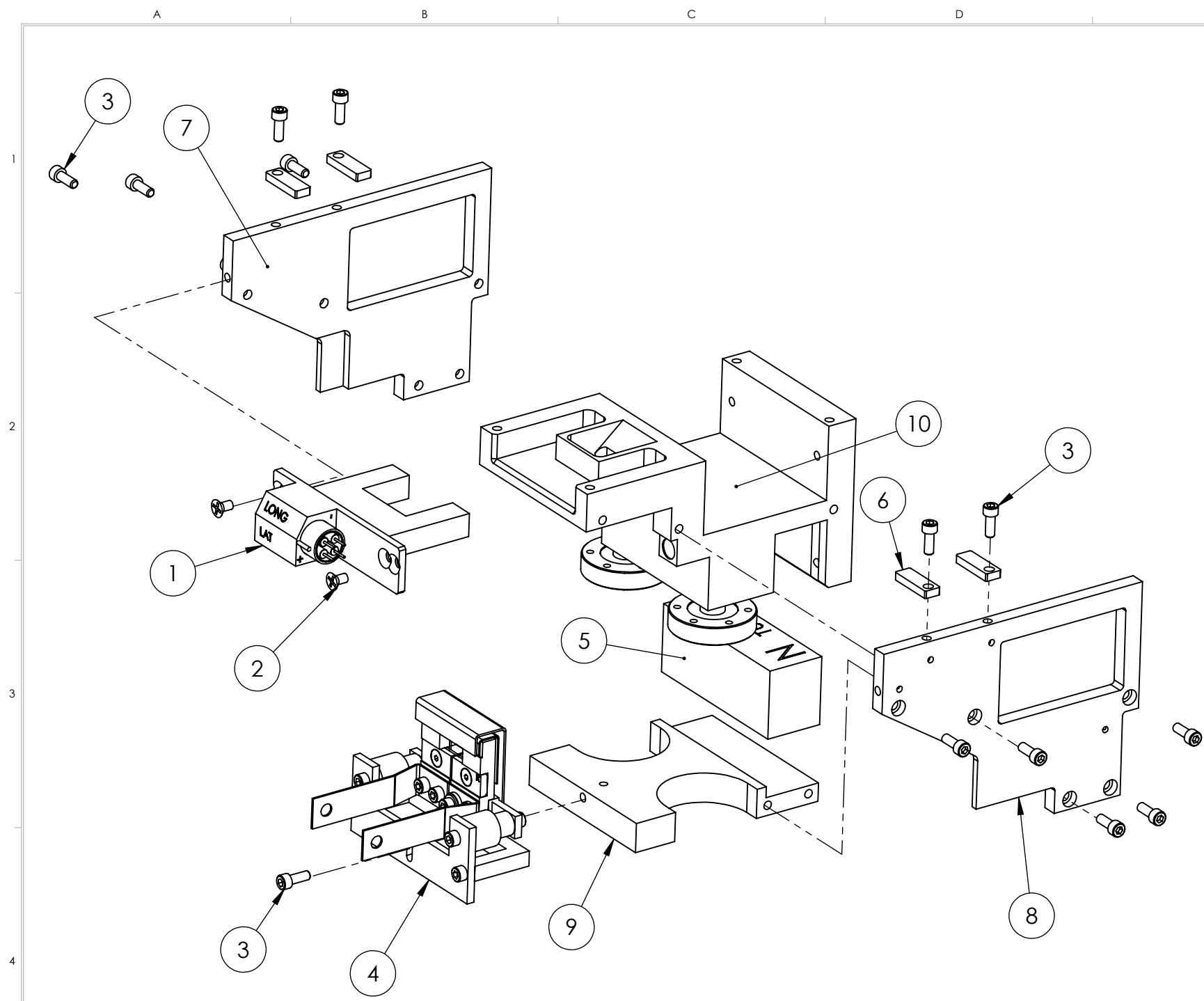
MATERIAL:	B.O.M.
FINISH:	SEE NOTES
THIRD ANGLE PROJECTION	

TELEMARK
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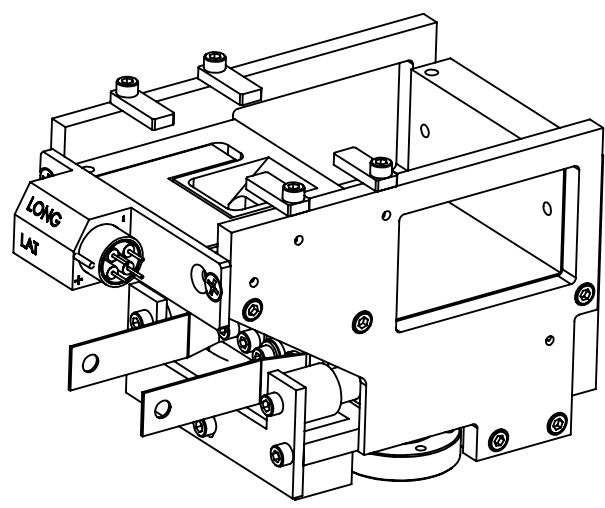
EMITTER ASSEMBLY, UHV

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B	SCALE	1:1	DWG NO.	273-0150-3	REV	A
	SHEET	1 of 1				



ECN	ZONE	REV	DESCRIPTION	BY	DATE
		A	RELEASE FOR PRODUCTION	PWF	2/17/2012
		A1	UPDATE	PWF	5/15/2012
		A2	UPDATE	PWF	8/1/2012
990666		B	SCREW FROM 271-6030-6 TO 271-6050-6 (4) PLACES	GPD	12/14/2015



ITEM NO.	PART NUMBER	DESCRIPTION	Default/QTY
1	212-0080-1	COIL ASSEMBLY	1
2	271-6010-1	VENTED SCREW, #6-32 UNC X 1/4" LONG, SST, FLAT HEAD	2
3	271-6050-6	VENTED SCREW, #6-32 X 3/8" SST SHCS, SILVER	15
4	273-0150-3	EMITTER ASSEMBLY, UHV	1
5	568-0055-2	PERMANET MAGNET	1
6	568-0100-2	POLE PIECE	4
7	575-0058-1	MAGNET ARM, LEFT	1
8	575-0059-1	MAGNET ARM, RIGHT	1
9	575-0087-1	BOTTOM PLATE	1
10	575-0112-2	MAIN BLOCK ASSEMBLY	1

UNLESS OTHERWISE SPECIFIED
GLOBAL TOLERANCES

	INCHES	[mm]
.X	+/- .03	[0.762]
.XX	+/- 0.01	[0.254]
.XXX	+/- 0.005	[0.127]

ANGLES +/- .5°
SURF FINISH 63 RMS

DWG BY
CHECK BY
PROJ ENG
MFG ENG

DATE
DATE
DATE

DO NOT SCALE DRAWING

FILE NUMBER - 575-0133-1
INITIAL PROJECT -

MATERIAL: BOM

FINISH:

THIRD ANGLE PROJECTION

TELEMARK
telemark.com

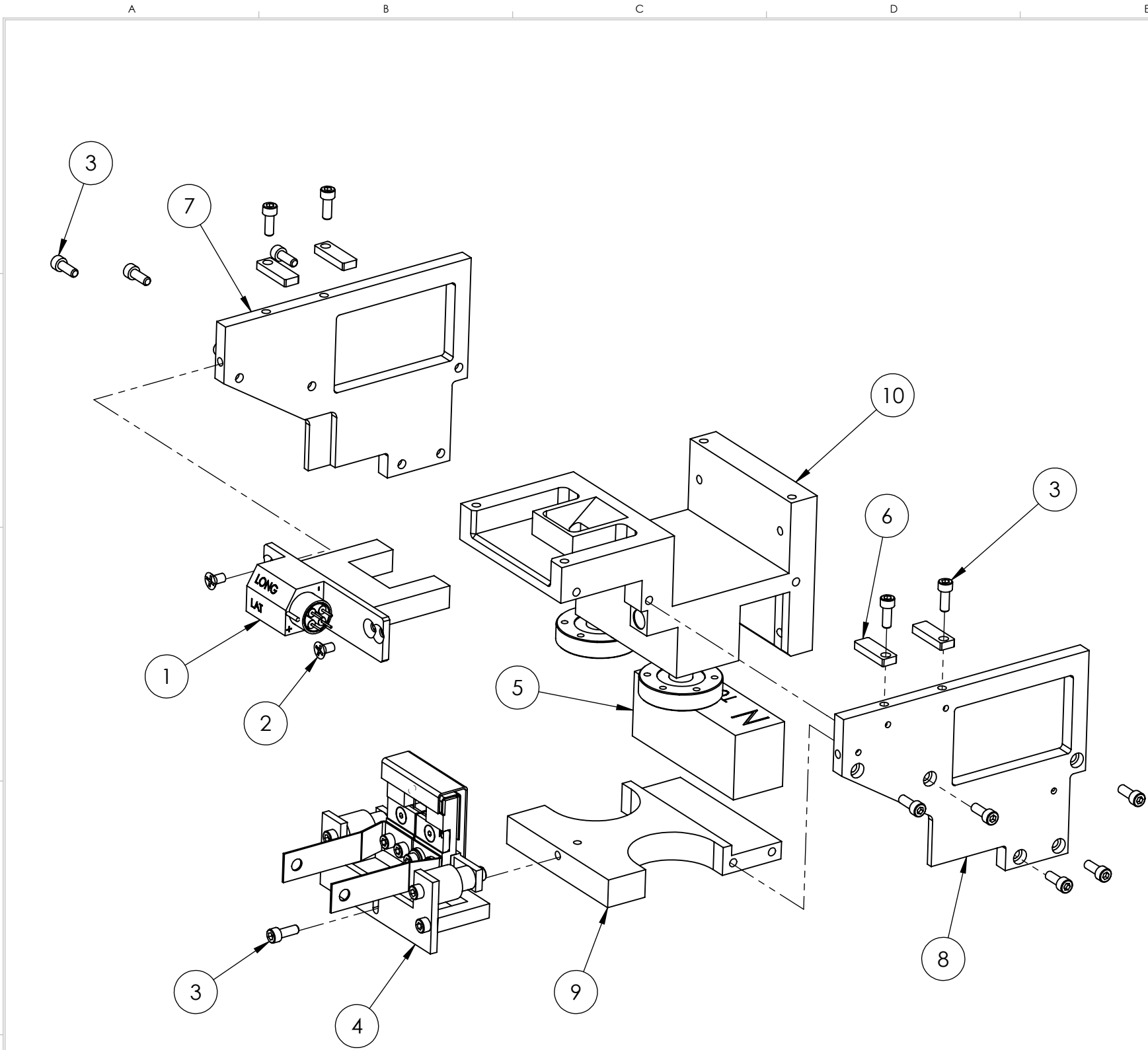
**575 SOURCE
SUB ASSEMBLY**

B SCALE 1:2
SHEET 1 of 1

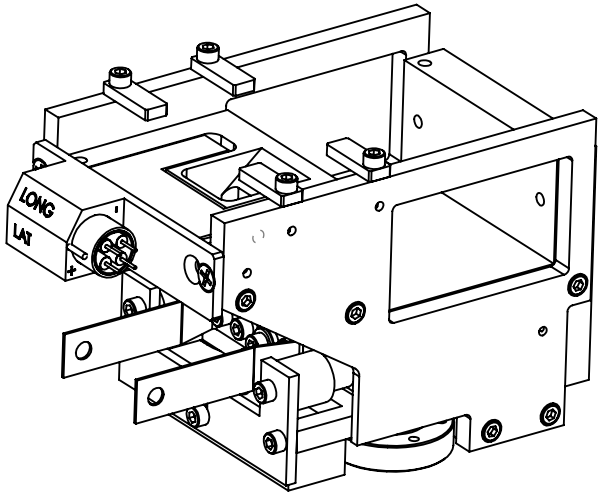
DWG NO.
575-0133-1

REV
B

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ECN	ZONE	REV	DESCRIPTION	BY	DATE
		A	RELEASE FOR PRODUCTION	PWF	2/17/2012
		A1	UPDATE	PWF	5/15/2012
		A2	UPDATE	PWF	8/1/2012
990666		B	SCREW FROM 271-6030-6 TO 271-6050-6 (4) PLACES	GPD	12/14/2015



ITEM NO.	PART NUMBER	DESCRIPTION	Default/QTY.
1	212-0080-1	COIL ASSEMBLY	1
2	271-6010-1	VENTED SCREW, #6-32 UNC X 1/4" LONG, SST, FLAT HEAD	2
3	271-6050-6	VENTED SCREW, #6-32 X 3/8" SST SHCS, SILVER	15
4	273-0150-3	EMITTER ASSEMBLY, UHV	1
5	568-0055-2	PERMANET MAGNET	1
6	568-0100-2	POLE PIECE	4
7	575-0058-1	MAGNET ARM, LEFT	1
8	575-0059-1	MAGNET ARM, RIGHT	1
9	575-0087-1	BOTTOM PLATE	1
10	575-0112-2	MAIN BLOCK ASSEMBLY	1

UNLESS OTHERWISE SPECIFIED	
GLOBAL TOLERANCES	
	INCHES [mm]
.X	+/- .03 [0.762]
.XX	+/- 0.01 [0.254]
.XXX	+/- 0.005 [0.127]
ANGLES +/- .5°	
SURF FINISH 63 RMS	

DWG BY
CHECK BY
PROJ ENG
MFG ENG

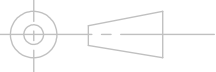
DATEmo/day/yr
DATE
DATE
DATE

MATERIAL:

BOM

FINISH:

THIRD ANGLE PROJECTION



FILE NUMBER - 575-0133-1
INITIAL PROJECT -

TELEMARK

telemark.com

**575 SOURCE
SUB ASSEMBLY**

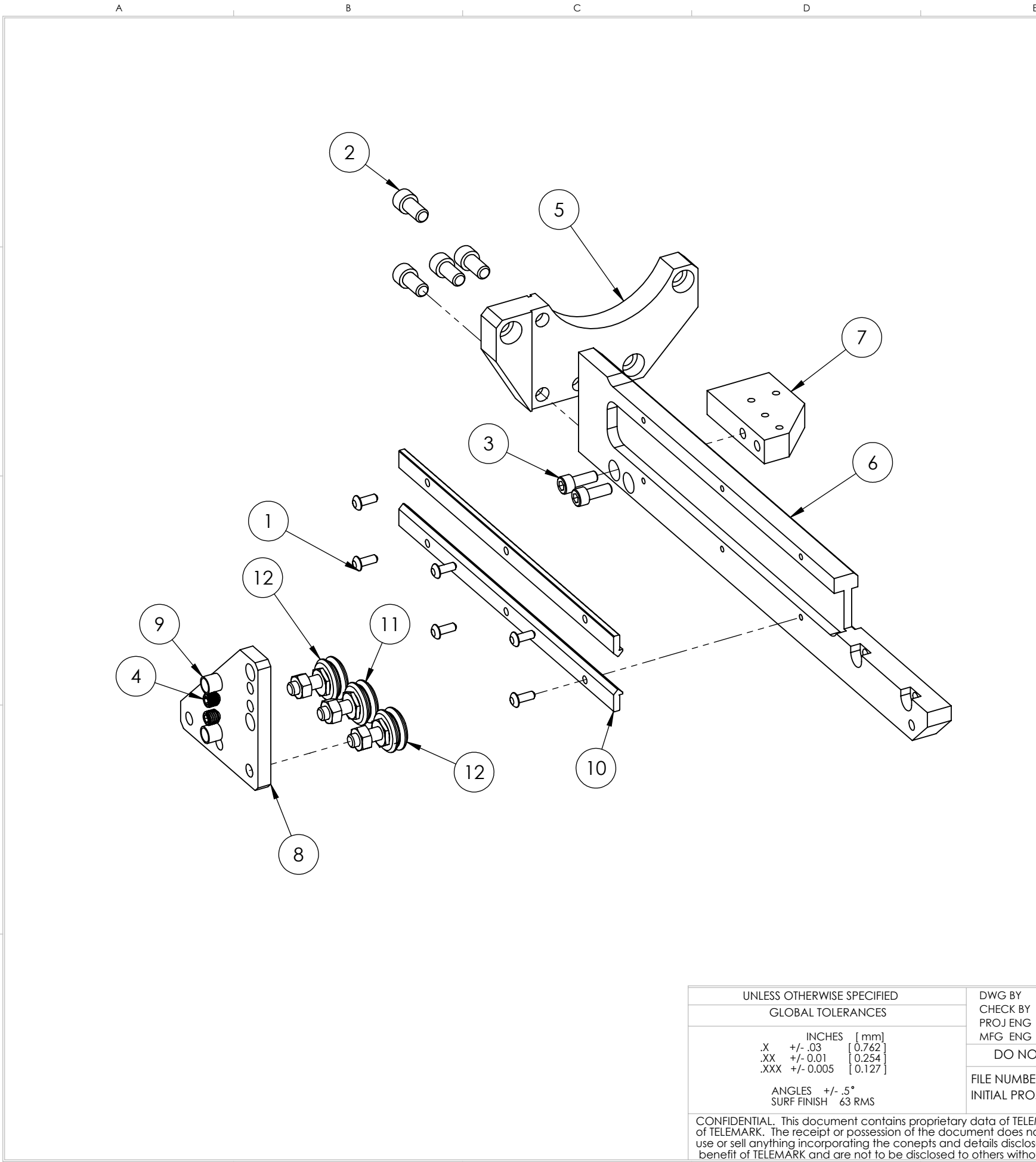
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SCALE 1:2
SHEET 1 of 1

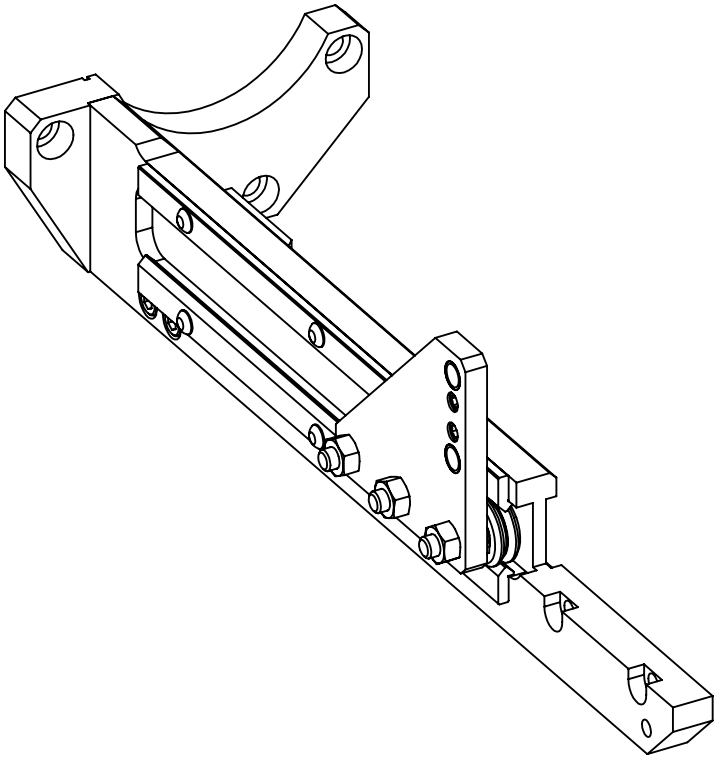
DWG NO.
575-0133-1

REV
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ECN	ZONE	REV	DESCRIPTION	BY	DATE
		A	RELEASE FOR PRODUCTION	PWF	8/27/2012
		A1	UPDATE	PWF	10/26/2012
991115		B	P/N FROM 578-1502-1 TO 578-1502-3 & 578-1502-2 TO 578-1502-4	GPD	5/6/2022



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	271-6053-6	SCREW, #6-32 X 3/8 SST BUTTON HEAD CS, SILVER	6
2	271-6190-6	VENTED SCREW, #1/4-20 X 1/2 SST SHCS, SILVER	4
3	271-6150-6	VENTED SCREW, #10-32 X 1/2" SST SHCS, SILVER	2
4	271-6226-9	SET SCREW, 1/4-28 X 1/4 SOC CUP PT SST	2
5	575-0341-1	RAIL, BRACKET	1
6	575-0342-5	RAIL MOUNT, SHORT	1
7	575-0343-1	RAIL, BRACKET SUPPORT	1
8	575-0401-4	TROLLEY BRACKET, A	1
9	575-0403-1	TROLLEY BUSHING	2
10	575-1501-2	RAIL	2
11	578-1502-3	V WHEEL ASSEMBLY	1
12	578-1502-4	V WHEEL ASSEMBLY	2

UNLESS OTHERWISE SPECIFIED
GLOBAL TOLERANCES

	INCHES	[mm]
.X	+/- .03	[0.762]
.XX	+/- 0.01	[0.254]
.XXX	+/- 0.005	[0.127]

ANGLES +/- .5°
SURF FINISH 63 RMS

DWG BY
CHECK BY
PROJ ENG
MFG ENG

D. LY
DATE 5/5/09
DATE
DATE
DATE

DO NOT SCALE DRAWING

FILE NUMBER - 575-0140-1
INITIAL PROJECT -

MATERIAL: BOM

FINISH:

THIRD ANGLE PROJECTION

TELEMARK
telemark.com

RAIL ASSEMBLY, SHORT

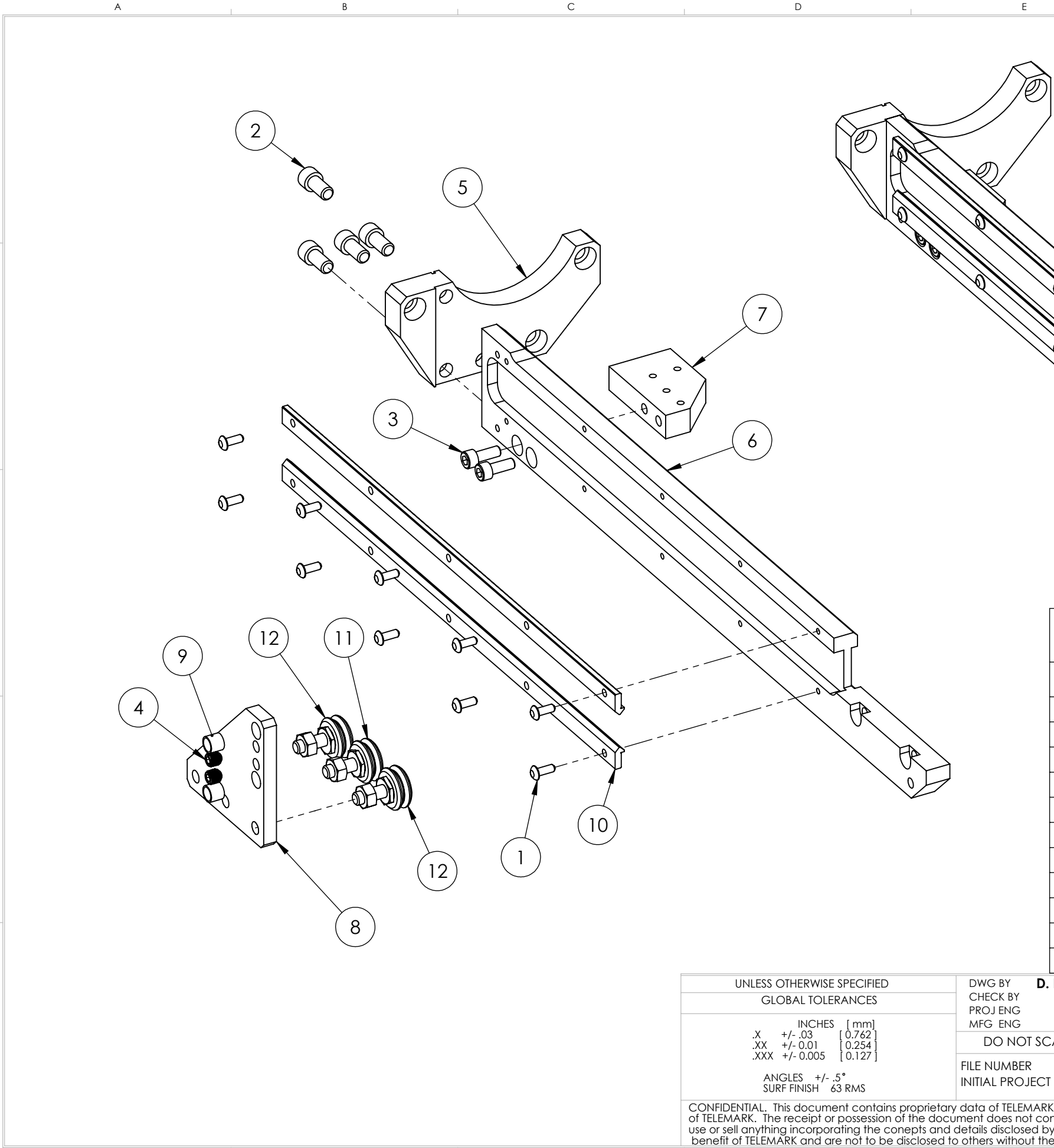
B

SCALE 1:2
SHEET 1 of 1

DWG NO.
575-0140-1

REV
B

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ECN	ZONE	REV	DESCRIPTION	BY	DATE
		A	RELEASE FOR PRODUCTION	PWF	7/31/2012
		A1	UPDATE	PWF	8/14/2012
		A2	UPDATE	PWF	10/24/2012
991115		B	P/N FROM 578-1502-1 TO 578-1502-3 & 578-1502-2 TO 578-1502-4	GPD	5/6/2022

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	271-6053-6	SCREW, #6-32 X 3/8 SST BUTTON HEAD CS, SILVER	10
2	271-6190-6	VENTED SCREW, #1/4-20 X 1/2 SST SHCS, SILVER	4
3	271-6150-6	VENTED SCREW, #10-32 X 1/2" SST SHCS, SILVER	2
4	271-6226-9	SET SCREW, 1/4-28 X 1/4 SOC CUP PT SST	2
5	575-0341-1	RAIL, BRACKET	1
6	575-0342-6	RAIL, MOUNT, LONG	1
7	575-0343-1	RAIL, BRACKET SUPPORT	1
8	575-0401-4	TROLLEY BRACKET, A	1
9	575-0403-1	TROLLEY BUSHING	2
10	575-1501-3	RAIL	2
11	578-1502-3	V WHEEL ASSEMBLY	1
12	578-1502-4	V WHEEL ASSEMBLY	2

UNLESS OTHERWISE SPECIFIED
GLOBAL TOLERANCES

	INCHES	[mm]
.X	+/- .03	[0.762]
.XX	+/- 0.01	[0.254]
.XXX	+/- 0.005	[0.127]

ANGLES +/- .5°
SURF FINISH 63 RMS

DWG BY D. LY
CHECK BY
PROJ ENG
MFG ENG

DATE 5/5/09
DATE
DATE
DATE

DO NOT SCALE DRAWING

FILE NUMBER - 575-0140-6
INITIAL PROJECT -

MATERIAL: BOM

FINISH:

THIRD ANGLE PROJECTION

TELEMARK
telemark.com

RAIL ASSEMBLY, LONG

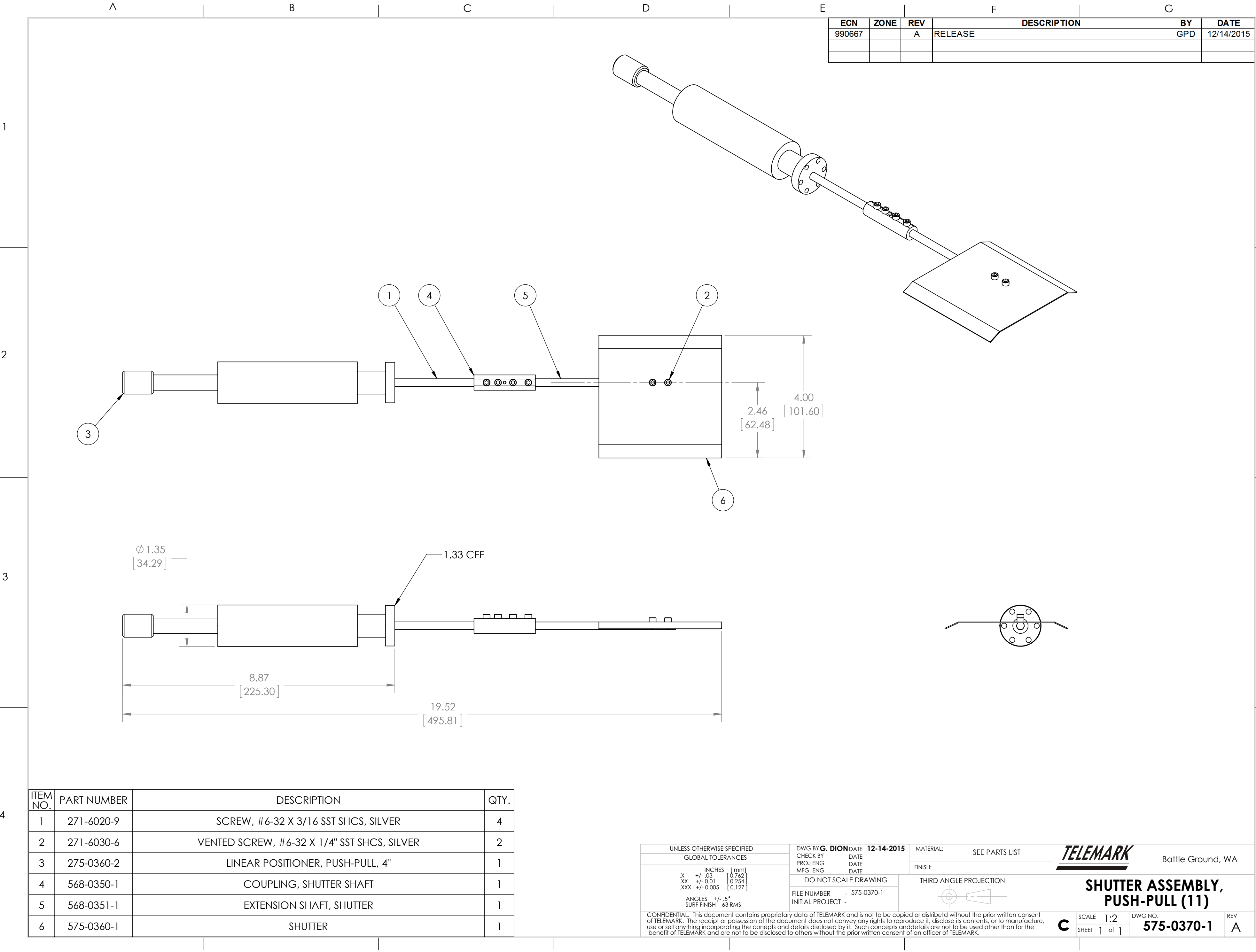
B

SCALE 1:2
SHEET 1 of 1

DWG NO. 575-0140-6

REV B

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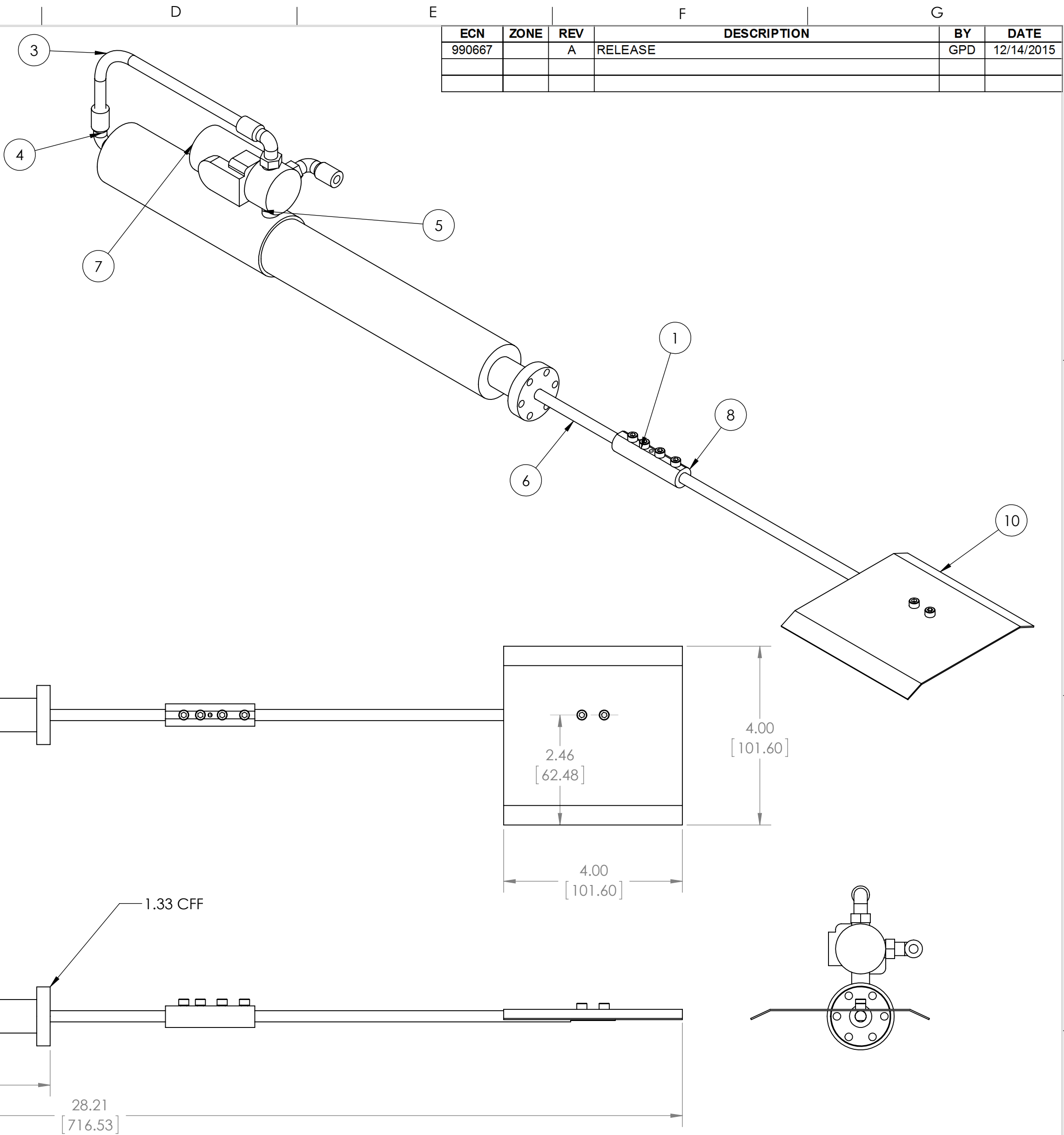
1

2


3

4

	A	B	C
ITEM NO.	PART NUMBER	DESCRIPTION	C2 QTY.
1	271-6020-9	SCREW, #6-32 X 3/16 SST SHCS, SILVER	4
2	271-6030-6	VENTED SCREW, #6-32 X 1/4" SST SHCS, SILVER	2
3	275-0353-3	TUBE, 1/4" POLYURETHANE	1
4	275-0356-2	FITTING, 90 DEGREE, 1/4" TUBE X 1/8" NPT	3
5	275-0358-1	NIPPLE, 1/8" NPT	1
6	275-0360-1	PNEUMATIC LINEAR POSITIONER, 4"	1
7	275-0361-2	SOLENOID, 4 WAY, 12VDC	1
8	568-0350-1	COUPLING, SHUTTER SHAFT	1
9	568-0351-2	EXTENSION SHAFT, SHUTTER	1
10	575-0360-1	SHUTTER	1

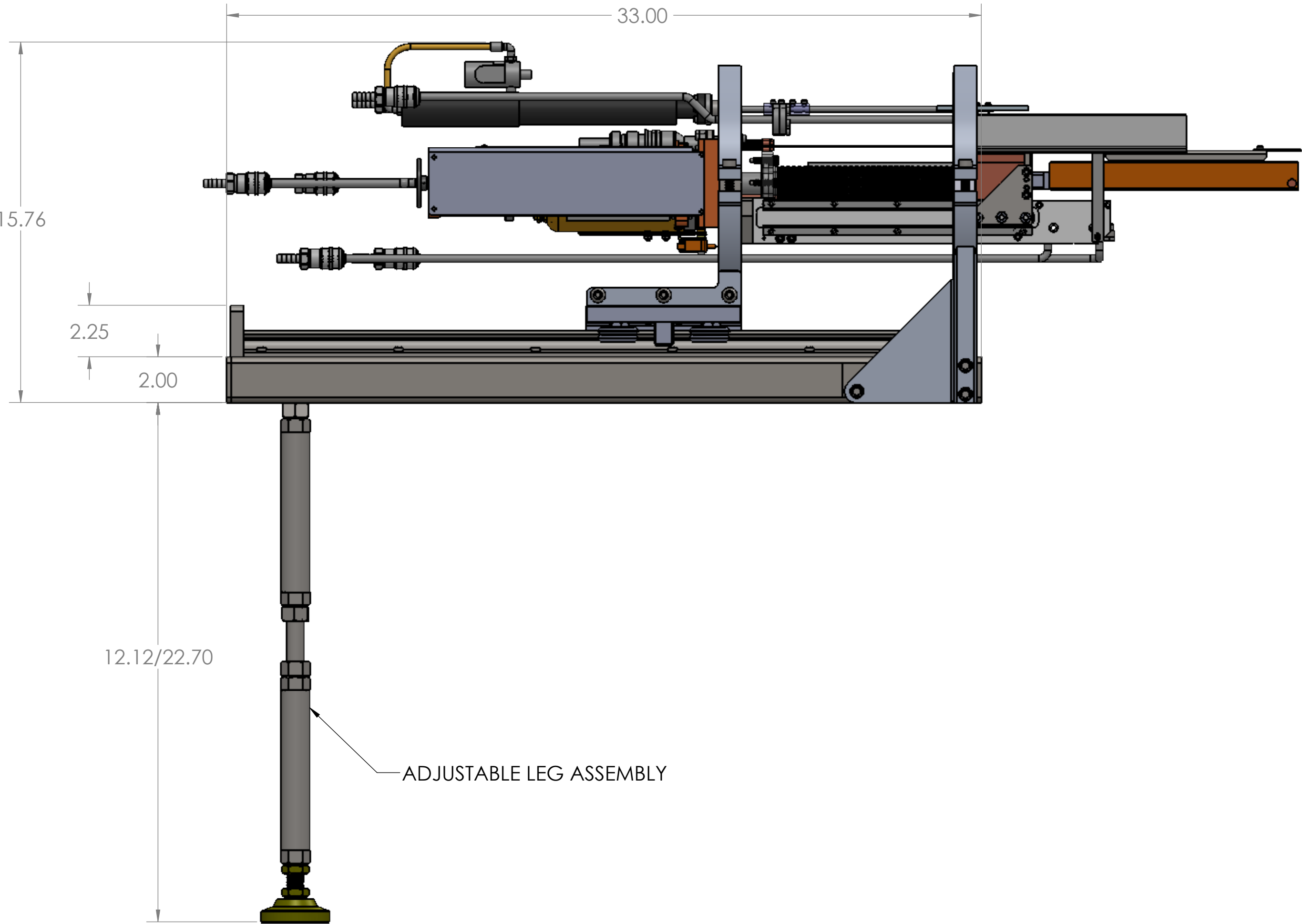
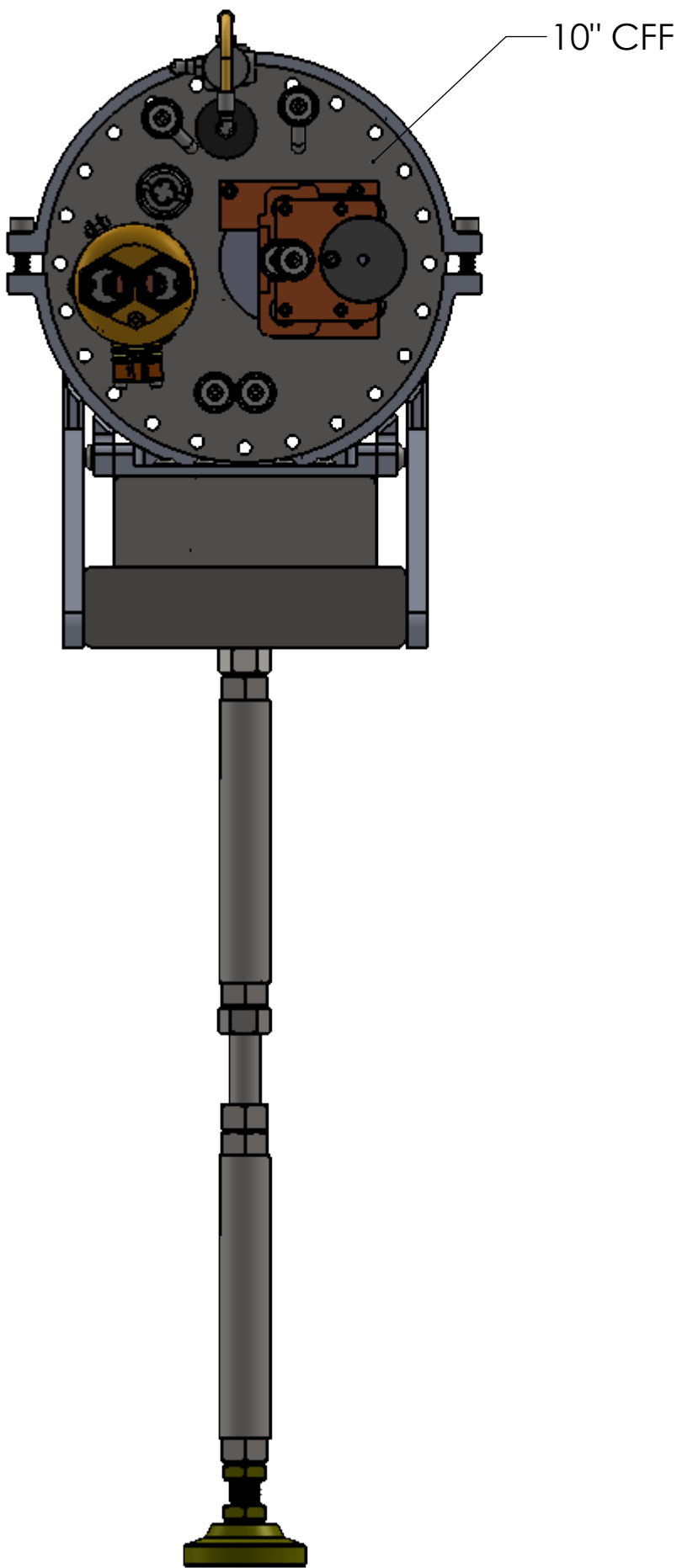
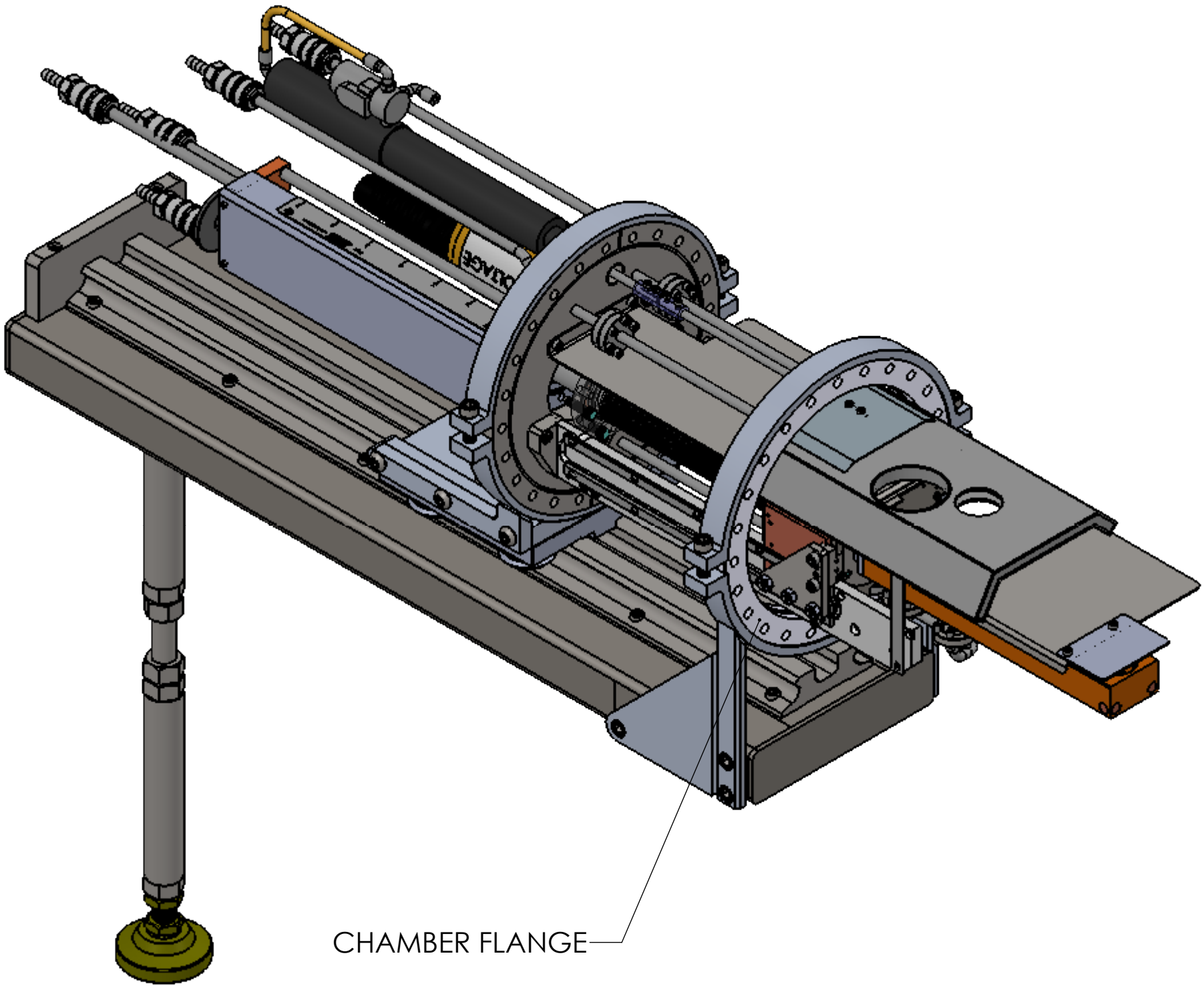
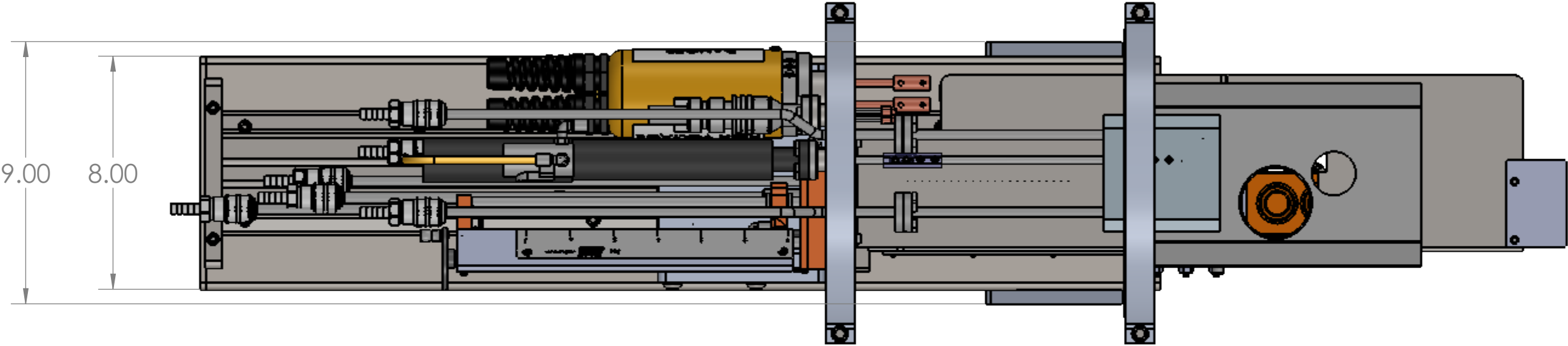


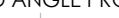

ECN	ZONE	REV	DESCRIPTION	BY	DATE
990667		A	RELEASE	GPD	12/14/2015

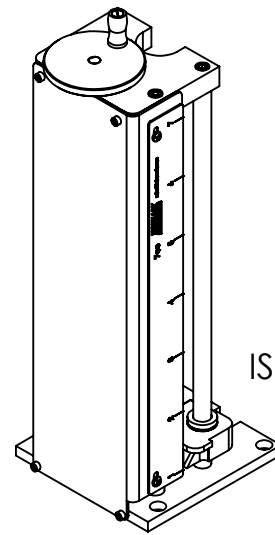
UNLESS OTHERWISE SPECIFIED		DWG BY G. DION DATE 12-14-2014	MATERIAL:	SEE PARTS LIST	TELEMARK Battle Ground, WA
GLOBAL TOLERANCES		CHECK BY DATE PROJ ENG DATE MFG ENG DATE	FINISH:	SEE NOTES	
INCHES [mm] X +/- .03 [0.762] .XX +/- 0.01 [0.254] .XXX +/- 0.005 [0.127]		DO NOT SCALE DRAWING	THIRD ANGLE PROJECTION		SHUTTER ASSEMBLY, 12VDC, (14.5)
ANGLES +/- .5° SURF FINISH 63 RMS		FILE NUMBER - 575-0388-2 INITIAL PROJECT -			
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C	SCALE	1:2	DWG NO.	REV	
	SHEET	1 of 1	575-0388-2	A	

- NOTES: (UNLESS OTHERWISE SPECIFIED)
1. REMOVE BURRS & BREAK ALL SHARP EDGES
.005-.015 RADIUS OR CHAMFER.
 2. BAG WITH PART NUMBER AND REVISION.

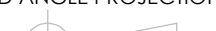
ECN	ZONE	REV	DESCRIPTION	BY	DATE
		A	RELEASE	GPD	6/26/2013
		B	REVISED ASSEMBLY & PARTS LIST	GPD	7/3/2013
		C	CHANGED ITEM 5 & 7 FROM CAP SCREW TO BUTTON HEAD SCREW	GPD	5/22/2014
		D	REMOVING P/N 575-0501-1 & 575-0501-2, ADDING 575-0511-1, SCREW FROM 1-1/4" LONG TO 1-1/2" LONG	GPD	6/2/2014
		E	ADDING SHEET 2	GPD	5/20/2016



UNLESS OTHERWISE SPECIFIED GLOBAL TOLERANCES		DWG BY: G. DION CHECK BY: PROJ ENG MFG ENG	6-26-2013 DATE DATE DATE	MATERIAL: FINISH:	SEE PARTS LIST CLEAN				
X .X XX .X XXX .X		DO NOT SCALE DRAWING		THIRD ANGLE PROJECTION					
INCHES [mm] +/- .03 [0.762] +/- .001 [0.254] +/- .005 [0.127]		FILE NUMBER - INITIAL PROJECT -							
ANGLES +/- .5° SURF FINISH 63 RMS									
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D						SCALE	1:4	DWG NO.	575-0500-1
SHEET						1	of 2	REV	E



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	221-0701-1	SPRING PLUNGER, LONG NOSE, #6-32 UNC, SST	1
2	261-0008-1	SPACER	1
3	271-6000-9	SCREW, #4-40 X 3/8" SST SHCS	4
4	271-6001-9	SCREW, #4-40 X 1/2" SST PHIL PAN HEAD	2
5	271-6030-9	SCREW, #6-32 UNC X 1/4" SST, SHCS	2
6	271-6128-9	#8-32 X 1/2 SST SHCS	4
7	271-6134-9	#8-32 X 1/2 PHIL FLAT HEAD	4
8	271-6201-1	#4-40 X 3/8 SET SCREW	1
9	271-6219-1	BALL BEARING, 5/8 OD.	4
10	568-1401-1	SUPPORT ROD	4
11	568-1402-2	BALL SCREW ASSEMBLY, MANUAL	1
12	568-1403-1	RIGHT HAND BALL NUT	1
13	568-1405-1	RETAINER RING, 5/8"	4
14	568-1406-1	BALL BEARING, LINEAR	2
15	568-1410-2	DRIVE BLOCK	1
16	568-1411-2	RETAINING RING, 24mm	1
17	568-1412-1	DRIVE BLOCK, CLAMP	1
18	575-0247-1	INDEX PLATE, 4cc/7cc	1
19	575-1408-1	HANDWHEEL ASSEMBLY	1
20	575-1420-5	DRIVE ASSY. BOTTOM PLATE	1
21	575-1422-1	SIDE COVER	1
22	575-1425-1	STOP COLLAR	1
23	575-2425-3	DRIVE ASSY. TOP PLATE	1
24	575-2500-2	HANDWHEEL	1

UNLESS OTHERWISE SPECIFIED		DWG BY CHECK BY PROJ ENG MFG ENG		D. LY DATE DATE DATE		MATERIAL: B.O.M		<div>TELEMARK</div> <div>telemark.com</div>			
GLOBAL TOLERANCES						FINISH: SEE NOTES					
INCHES [mm] .X +/- .03 [0.762] .XX +/- .01 [0.254] .XXX +/- 0.005 [0.127] ANGLES +/- .5° SURF FINISH 63 RMS		DO NOT SCALE DRAWING		THIRD ANGLE PROJECTION							
		FILE NUMBER - 575-2497-2 INITIAL PROJECT -									
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						<div>B</div>		<div>SCALE 1:3</div> <div>SHEET 1 of 1</div>		<div>DWG NO.</div> <div>575-2497-2</div>	<div>REV</div> <div>D</div>

A

B

C

D

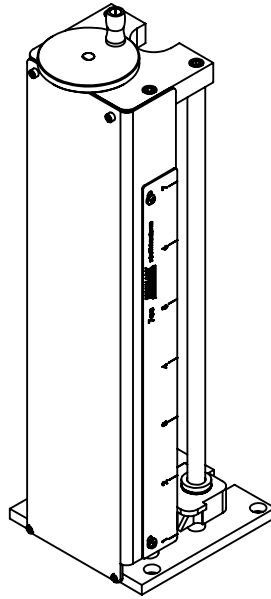
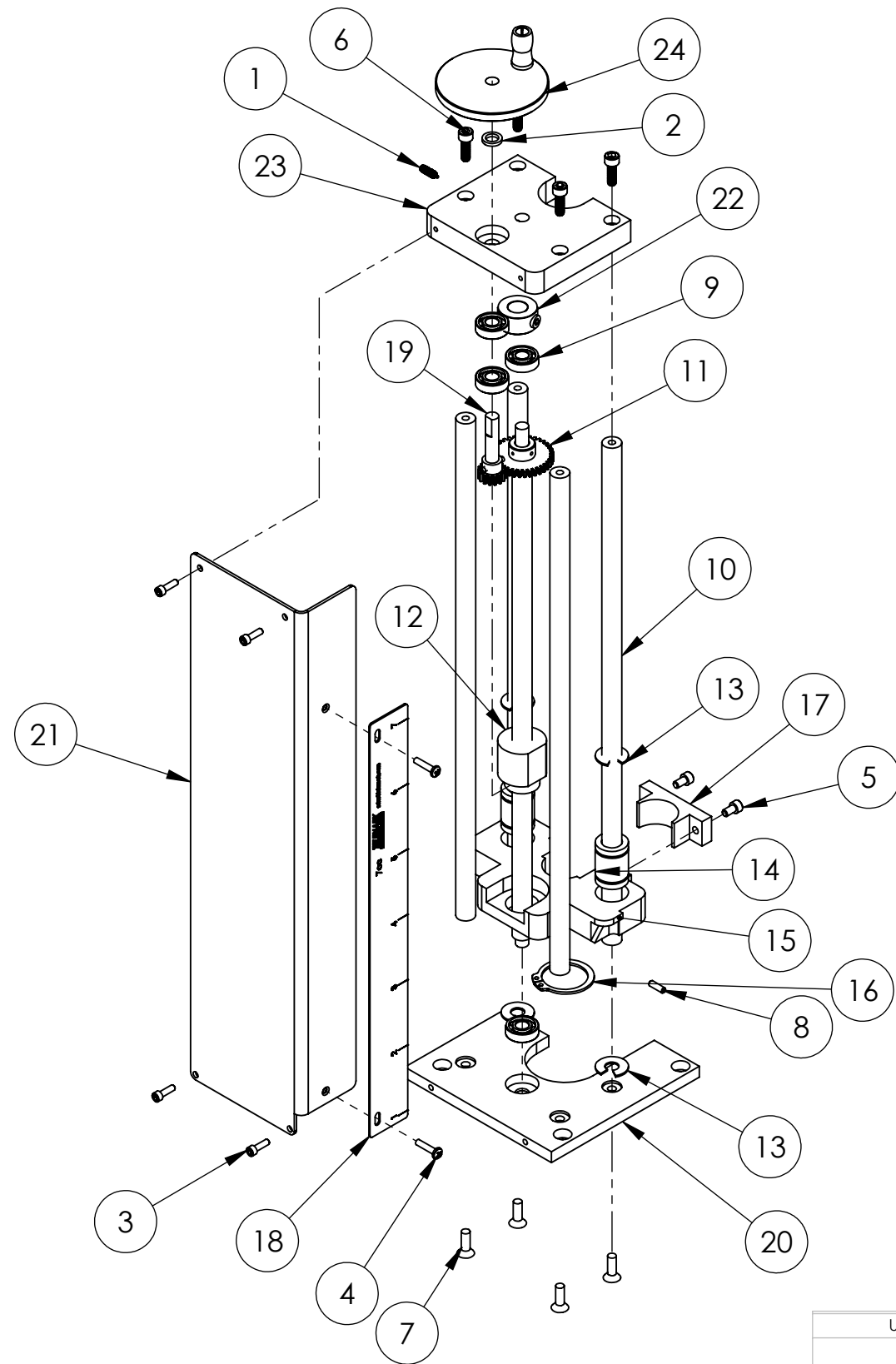
E

F

G

H

ECN	ZONE	REV	DESCRIPTION	BY	DATE
		A	RELEASE	PWF	10/2/2012
		B	ADDED STOP COLLAR	PWF	4/25/2013
		C	ADD PART 261-0008-1	PWF	8/21/2013
990695		D	ADDING PART 221-0701-1	GPD	3/25/2016



ISOMETRIC VIEW

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	221-0701-1	SPRING PLUNGER, LONG NOSE, #6-32 UNC, SST	1
2	261-0008-1	SPACER	1
3	271-6000-9	SCREW, #4-40 X 3/8" SST SHCS	4
4	271-6001-9	SCREW, #4-40 X 1/2" SST PHIL PAN HEAD	2
5	271-6030-9	SCREW, #6-32 UNC X 1/4" SST, SHCS	2
6	271-6128-9	#8-32 X 1/2 SST SHCS	4
7	271-6134-9	#8-32 X 1/2 PHIL FLAT HEAD	4
8	271-6201-1	#4-40 X 3/8 SET SCREW	1
9	271-6219-1	BALL BEARING, 5/8 OD.	4
10	568-1401-2	SUPPORT ROD, EX Long	4
11	568-1402-4	BALL SCREW ASSEMBLY, MANUAL, EX LONG	1
12	568-1403-1	RIGHT HAND BALL NUT	1
13	568-1405-1	RETAINER RING, 5/8"	4
14	568-1406-1	BALL BEARING, LINEAR	2
15	568-1410-2	DRIVE BLOCK	1
16	568-1411-2	RETAINING RING, 24mm	1
17	568-1412-1	DRIVE BLOCK, CLAMP	1
18	575-0247-1	INDEX PLATE, 4cc/7cc	1
19	575-1408-1	HANDWHEEL ASSEMBLY	1
20	575-1420-5	DRIVE ASSY. BOTTOM PLATE	1
21	575-1422-2	SIDE COVER, EX LONG	1
22	575-1425-1	STOP COLLAR	1
23	575-2425-3	DRIVE ASSY. TOP PLATE	1
24	575-2500-2	HANDWHEEL	1

UNLESS OTHERWISE SPECIFIED
GLOBAL TOLERANCES

	INCHES	[mm]
.X	+/- .03	[0.762]
.XX	+/- 0.01	[0.254]
.XXX	+/- 0.005	[0.127]

ANGLES +/- .5°
SURF FINISH 63 RMS

DWG BY **D. LY** DATE **3/18/11**
CHECK BY DATE
PROJ ENG DATE
MFG ENG DATE

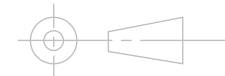
DO NOT SCALE DRAWING

FILE NUMBER - 575-2497-3
INITIAL PROJECT -

MATERIAL: B.O.M

FINISH: SEE NOTES

THIRD ANGLE PROJECTION



TELEMARK

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MANUAL LINEAR DRIVE EX LONG, ASSEMBLY

B

SCALE 1:3
SHEET 1 of 1

DWG NO.
575-2497-3

REV
D

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