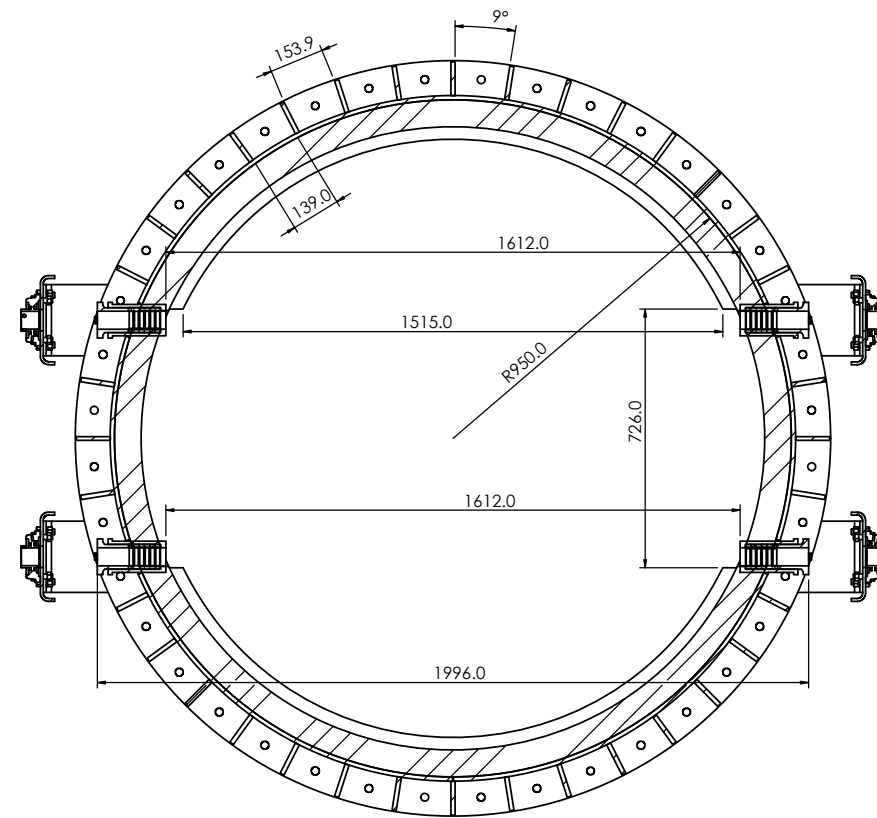
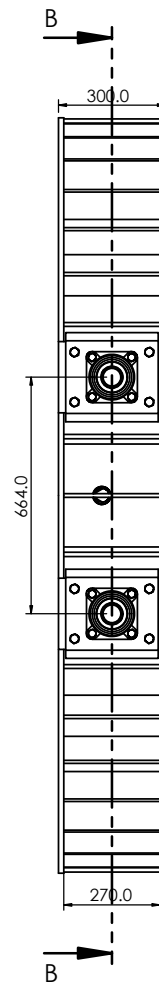
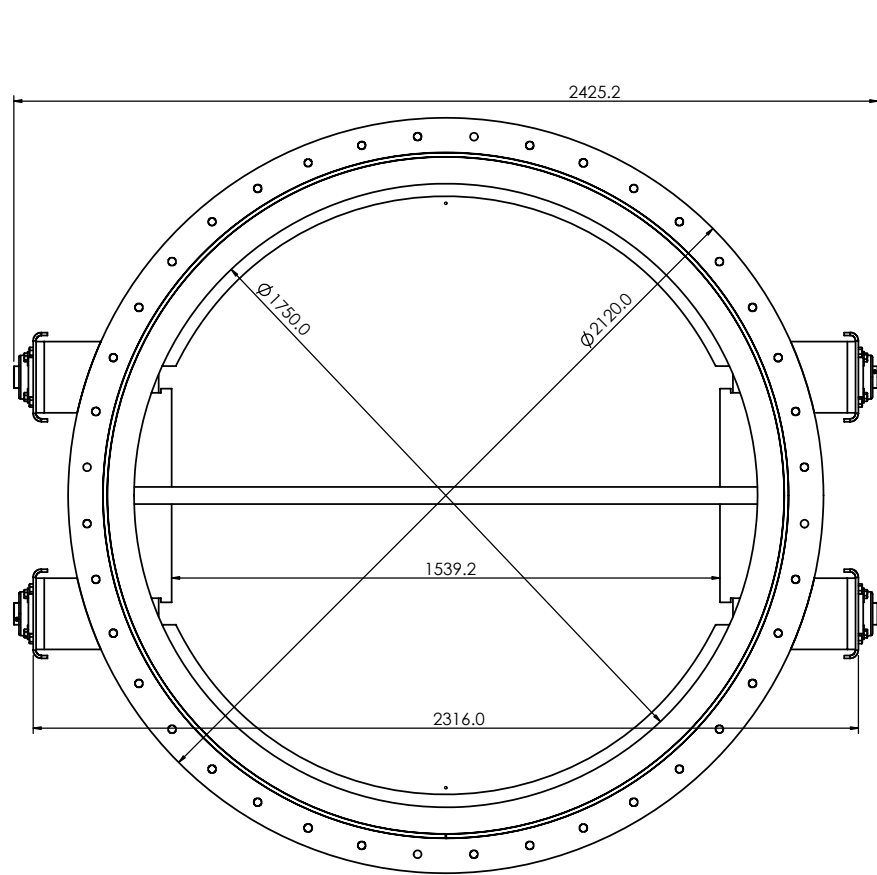
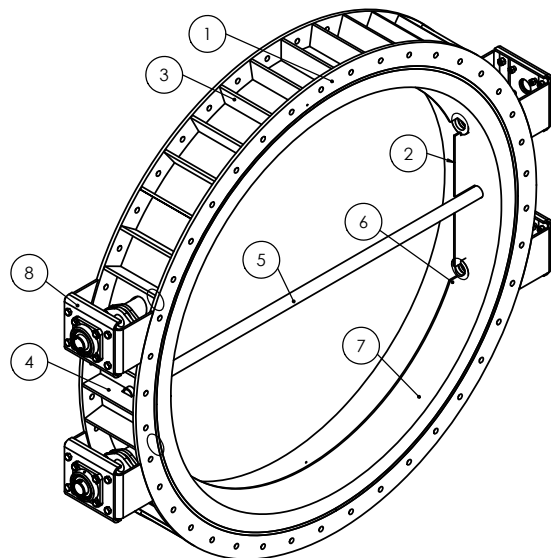


ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	Frame Total Assembly	90005-02
2	1	Blade Total Assembly-01	90005-08 Left
3	1	Blade Total Assembly-02	90005-08 Right
4	1	Rod	90005-12
5	1	Adjusting nut-RH	M16
6	1	Adjusting nut-LH	M16
7	1	Fork lever LH	90005-12
8	1	Fork lever RH	90005-12
9	2	Bolting	M16x70
10	1	Actuating	90005-13
11	1	limit switch base plate	3 mm thk.
12	1	limit switch-Ex	Ex ia IIA T4
13	1	limit switch-lever	-

Note:			
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:		DEBURR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING
DRAWN: A.Jokar		SIGNATURE	DATE
CHK'D: E.Beygi			98.11.03
APPV'D: A.Gerami			98.11.03
QC:			
MATERIAL:		MATERIAL STD.	DWG NO.
WEIGHT:			90005-Circular Damper-01
			SCALE:1:20
			SHEET 1 OF 15
			A3
			REVISION: 00
			QTY: 02
			TITLE: Circular Damper (Main Assembly)
			شركت صنعتی سانیگراد
			تهران، خیابان ولیعصر، پلاک ۱۷۸۲
			Centigrade Ind. Inc.



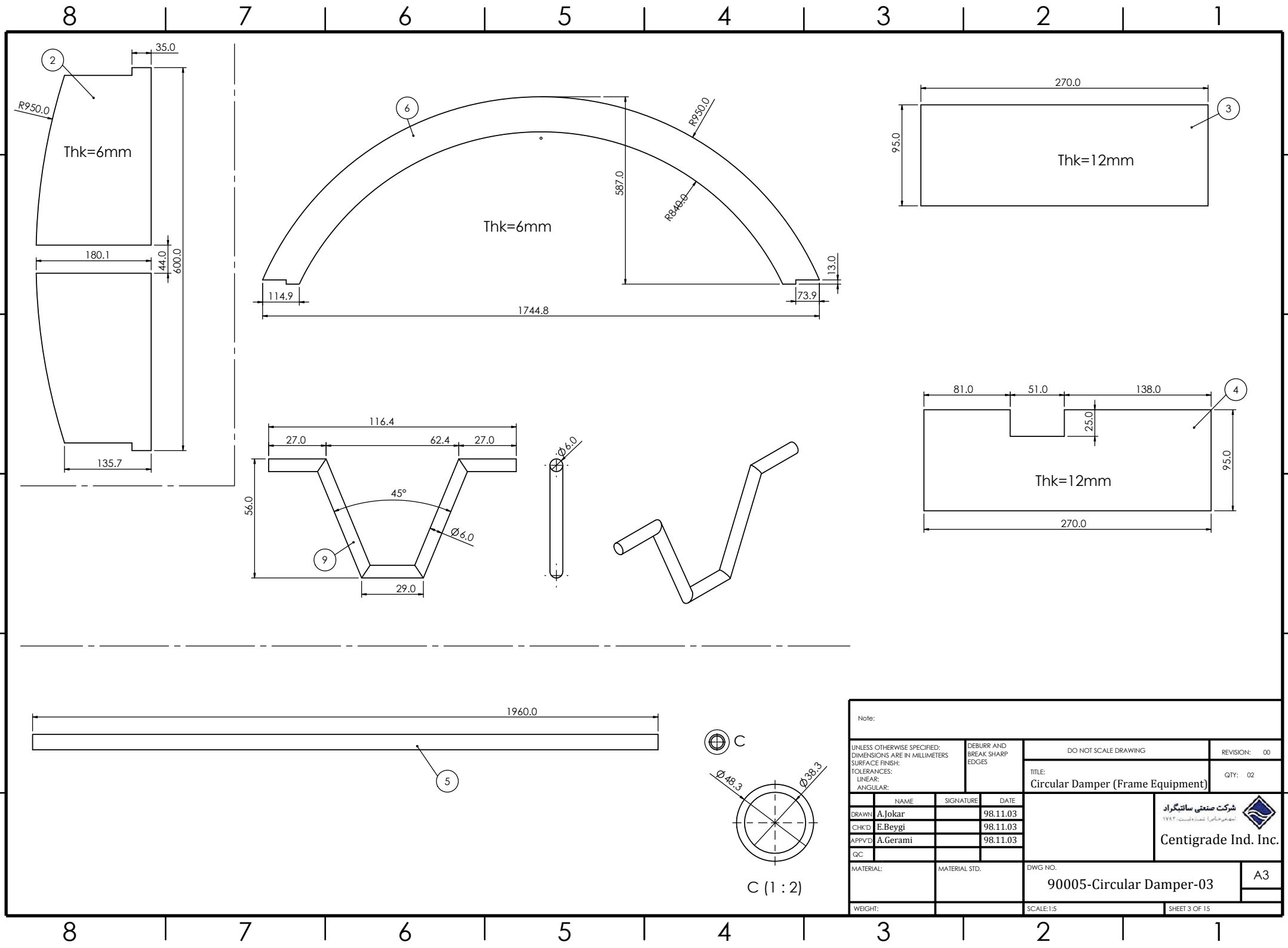
B-B (1 : 15)



ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	Assem-frame	90005-04
2	2	Airseal-V	6x180x600
3	34	Frame Stiffener	12x95x270
4	2	Frame Stiffener-2	12x95x270
5	1	Frame-pipe	1 1/2"x1960
6	2	Airseal-H	6x578x1744
7	1	Refractory cement	75 mm thk.
8	4	Assem-frame-bearing	90005-06
9	80	Anchor	Ø 6x191

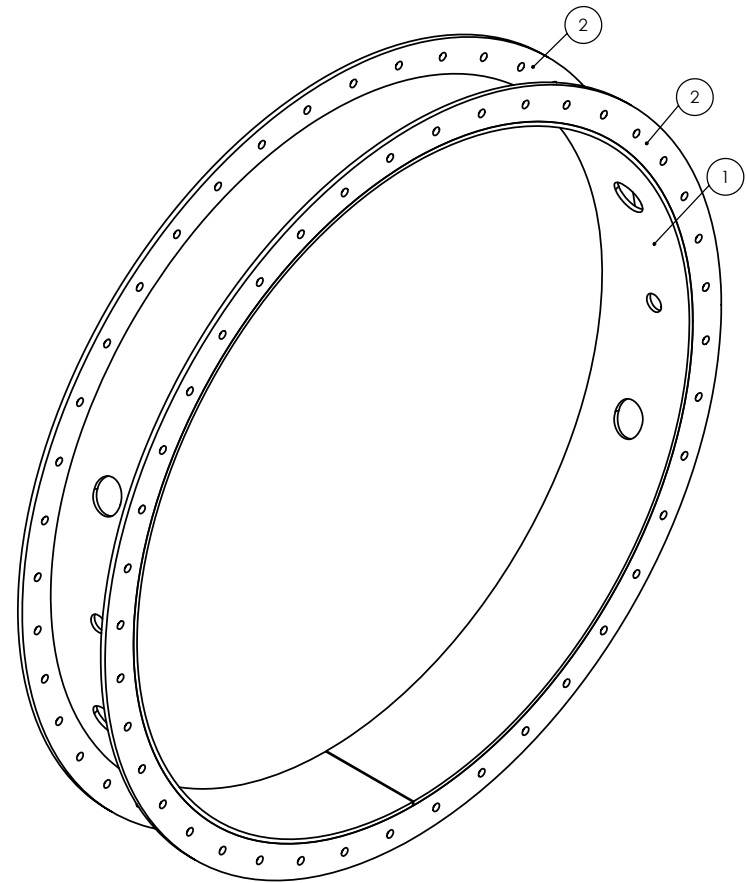
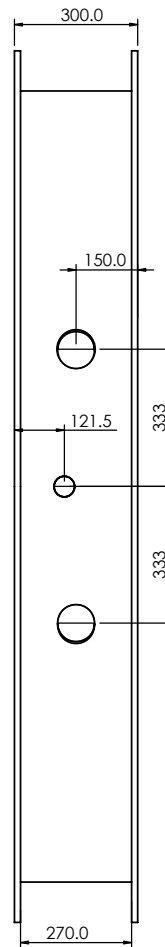
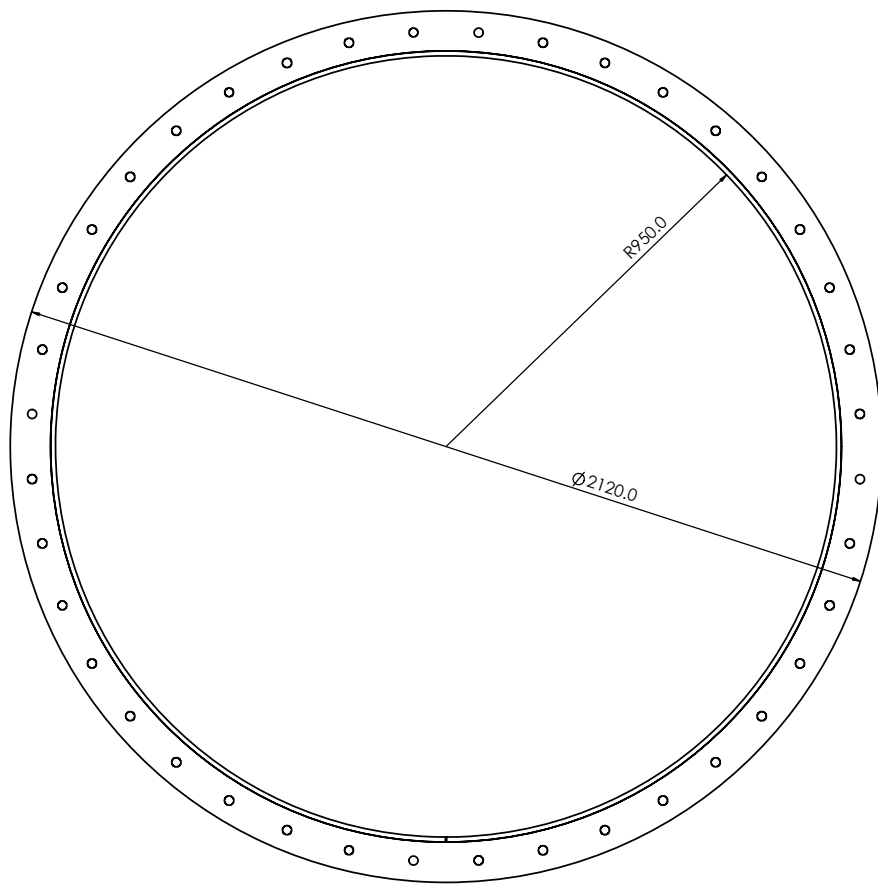
Note:			
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:		DEBURR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING
			REVISION: 00
		TITLE: Circular Damper (Frame Main Ass)	
		QTY: 02	
DRAWN	A.Jokar	SIGNATURE	DATE
CHK'D	E.Beygi		98.11.03
APP'D	A.Gerami		98.11.03
QC:			
MATERIAL:		MATERIAL STD.	
WEIGHT:		DWG NO.	
		90005-Circular Damper-02	
		A3	
		SCALE:1:20	
		SHEET 2 OF 15	

شرکت صنعتی سانتیگراد
تاسیس: خرداد ۱۳۷۲
Centigrade Ind. Inc.




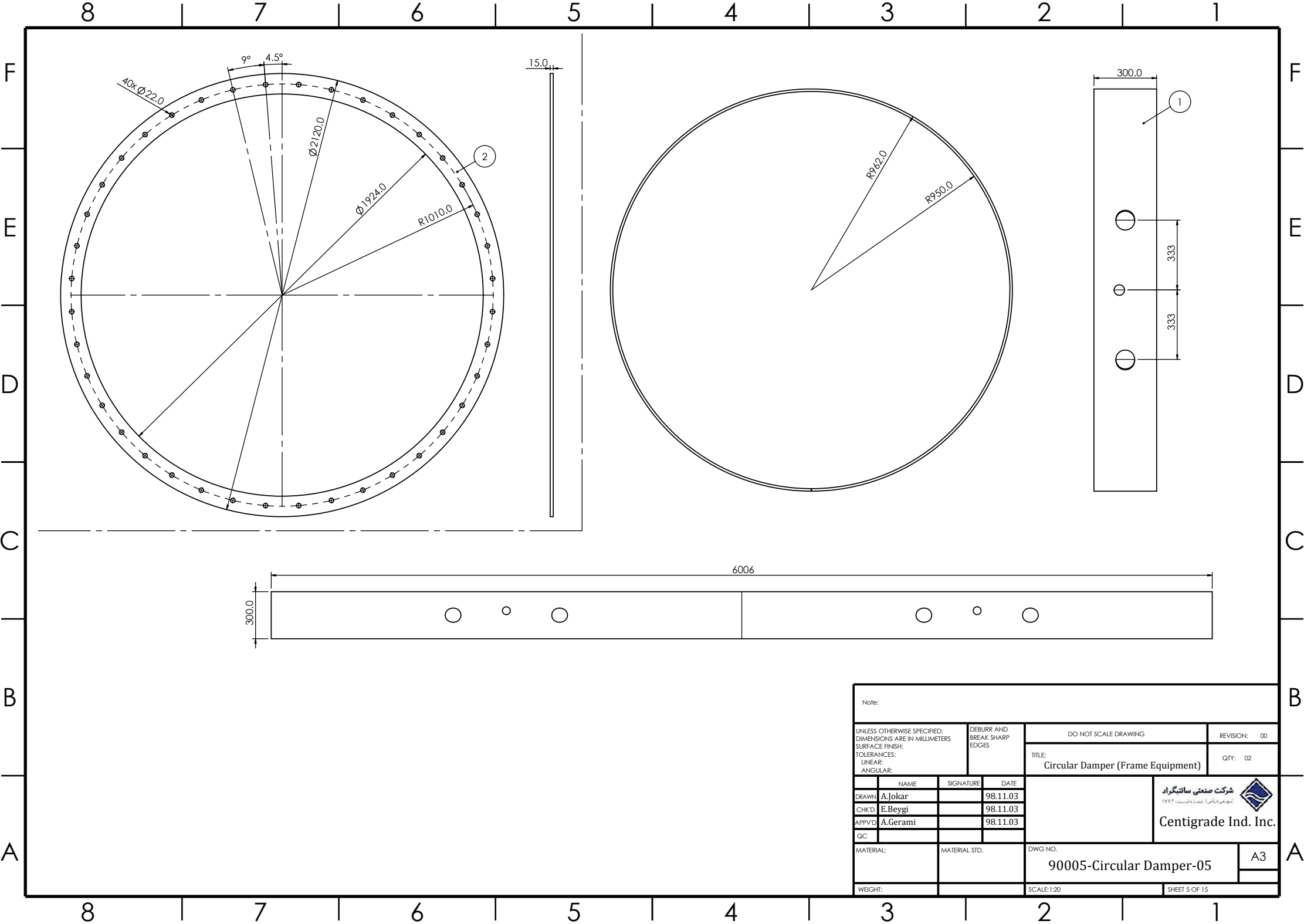
Note:			
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:		DEBURR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING
			REVISION: 00
		TITLE: Circular Damper (Frame Equipment)	
		QTY: 02	
DRAWN	A.Jokar	SIGNATURE	DATE
CHK'D	E.Beygi		98.11.03
APPV'D	A.Gerami		98.11.03
QC:			
MATERIAL:		MATERIAL STD.	
WEIGHT:		SCALE:1:5	
DWG NO. 90005-Circular Damper-03			A3
			SHEET 3 OF 15

شركت صنعتي ساتيگراد
تاسيس: ۱۳۸۲
Centigrade Ind. Inc.



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Damper ring	12x300x6006	1
2	Frame flange	15x2120x2120	2

Note:									
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:				DEBURR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION: 00	
						TITLE: Circular Damper (Frame Assembly)		QTY: 02	
DRAWN: A.Jokar		SIGNATURE		DATE		 شرکت صنعتی سانتیگراد (سهامی خاص) ثبت و فعالیت ۱۳۸۲		Centigrade Ind. Inc.	
CHK'D: E.Beygi				98.11.03					
APP'VD: A.Gerami				98.11.03					
QC:									
MATERIAL:				MATERIAL STD.		DWG NO.		A3	
						90005-Circular Damper-04			
WEIGHT:						SCALE:1:20		SHEET 4 OF 15	



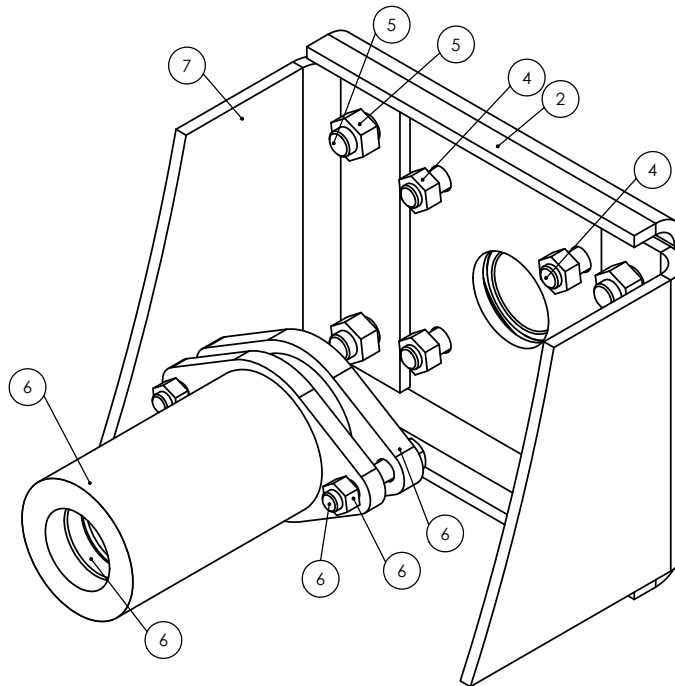
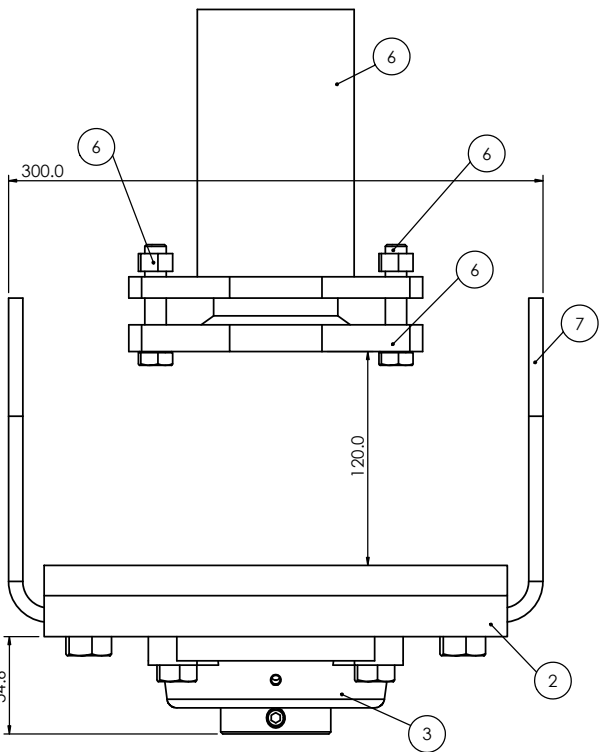
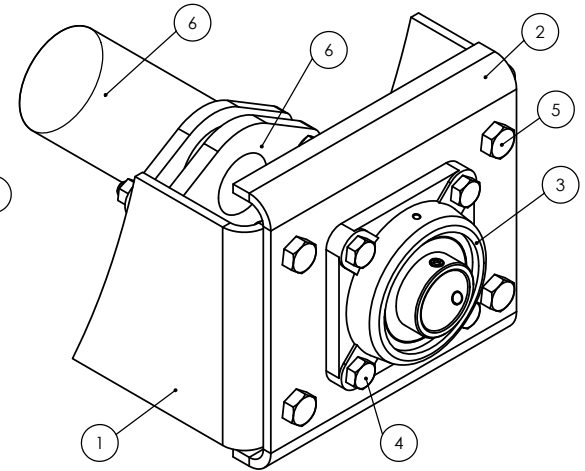
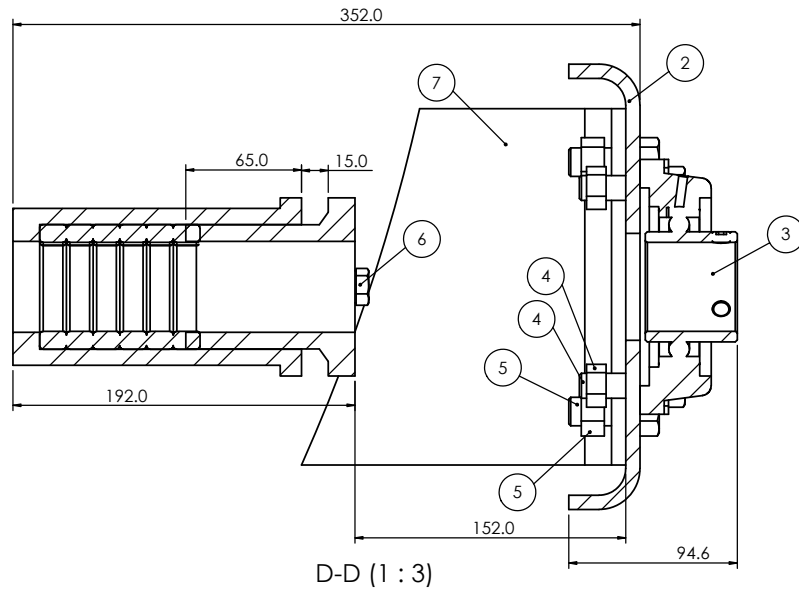
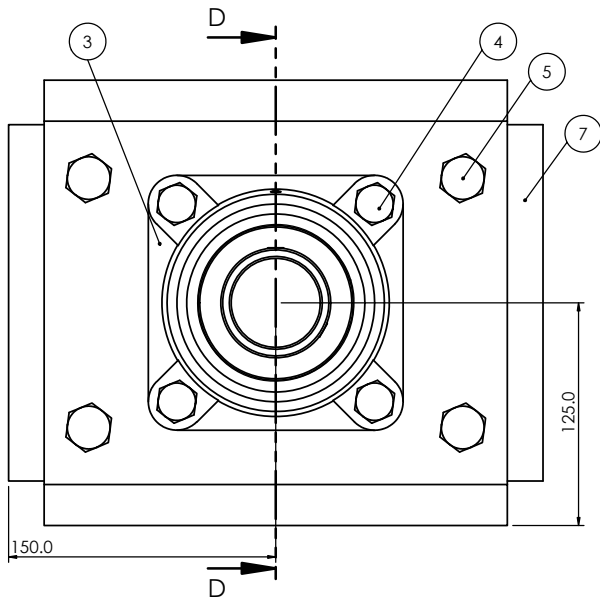
Note:			
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:		DEBURR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING
			REVISION: 00
		TITLE: Circular Damper (Frame Equipment)	
		QTY: 02	
DRAWN	A.Jokar	SIGNATURE	DATE
CHK'D	E.Beygi		98.11.03
APPV'D	A.Gerami		98.11.03
QC:			
MATERIAL:		MATERIAL STD.	
WEIGHT:		SCALE:1:20	
		SHEET 5 OF 15	

شركت صنعتي ساتيگراد
تاسيس: ۱۳۸۲



Centigrade Ind. Inc.

DWG NO. 90005-Circular Damper-05		A3
-------------------------------------	--	----



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Bearing-flange1	8x200x237	1
2	Bearing-seat-plate	8x300x260	1
3	Bearing(ucf210)	UCF210	1
4	Bearing base Bolting	M14x50	4
5	Bearing S.P. bolting	M16x40	4
6	Assem-gland	See Detail	1
7	Mirrorbearing-flange1	8x200x237	1

Note:

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
SURFACE FINISH:
TOLERANCES:
LINEAR:
ANGULAR:

DEBURR AND
BREAK SHARP
EDGES

DO NOT SCALE DRAWING

REVISION: 00

TITLE:
Circular Damper (Bearing Assembly)

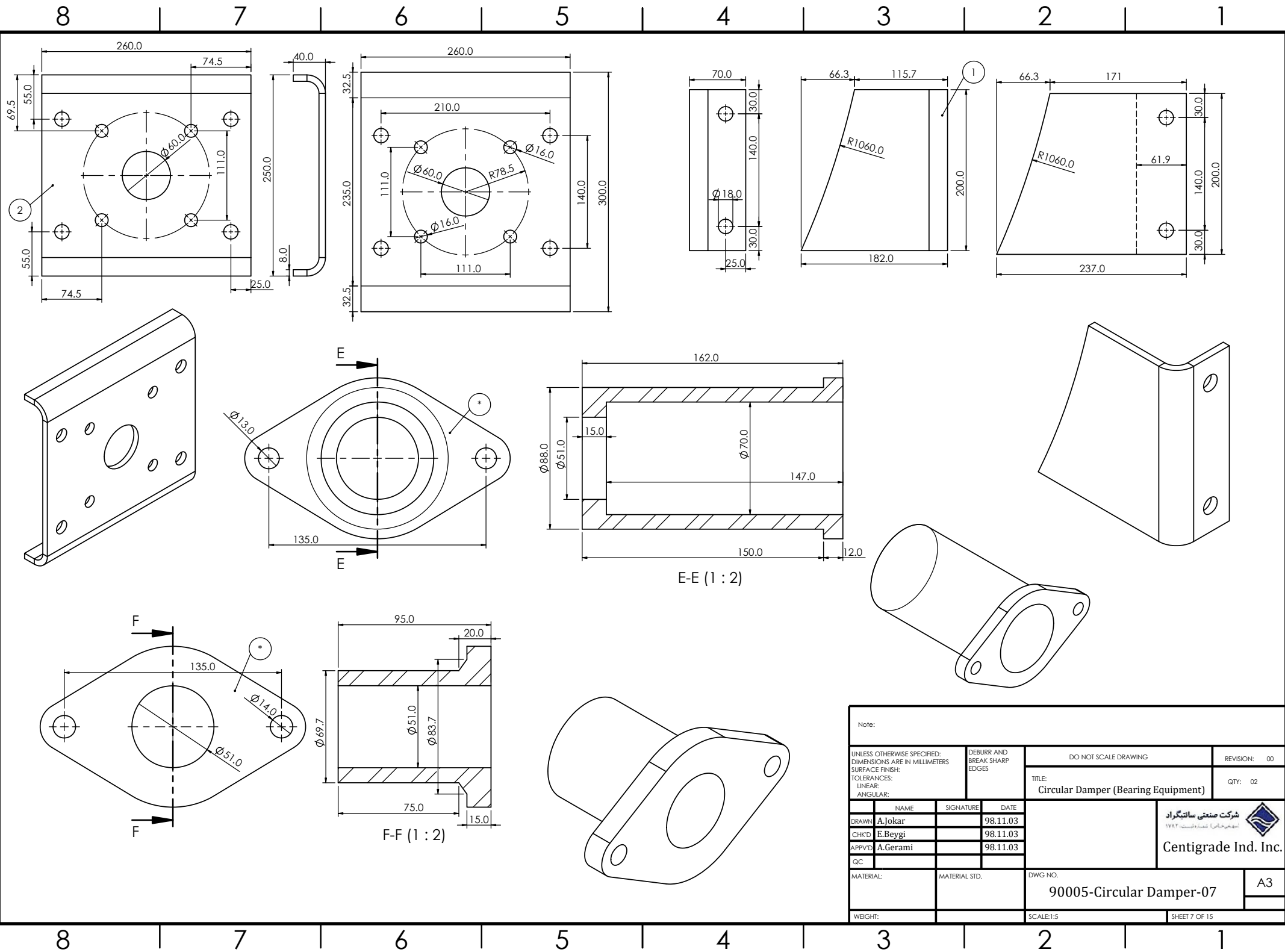
QTY: 02

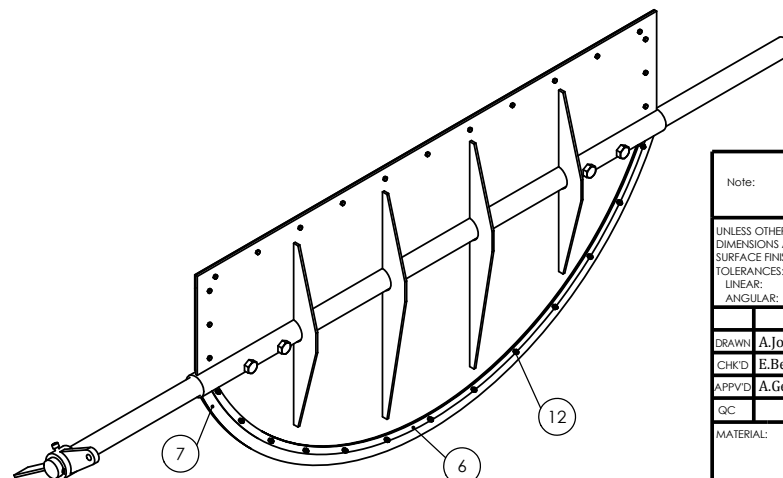
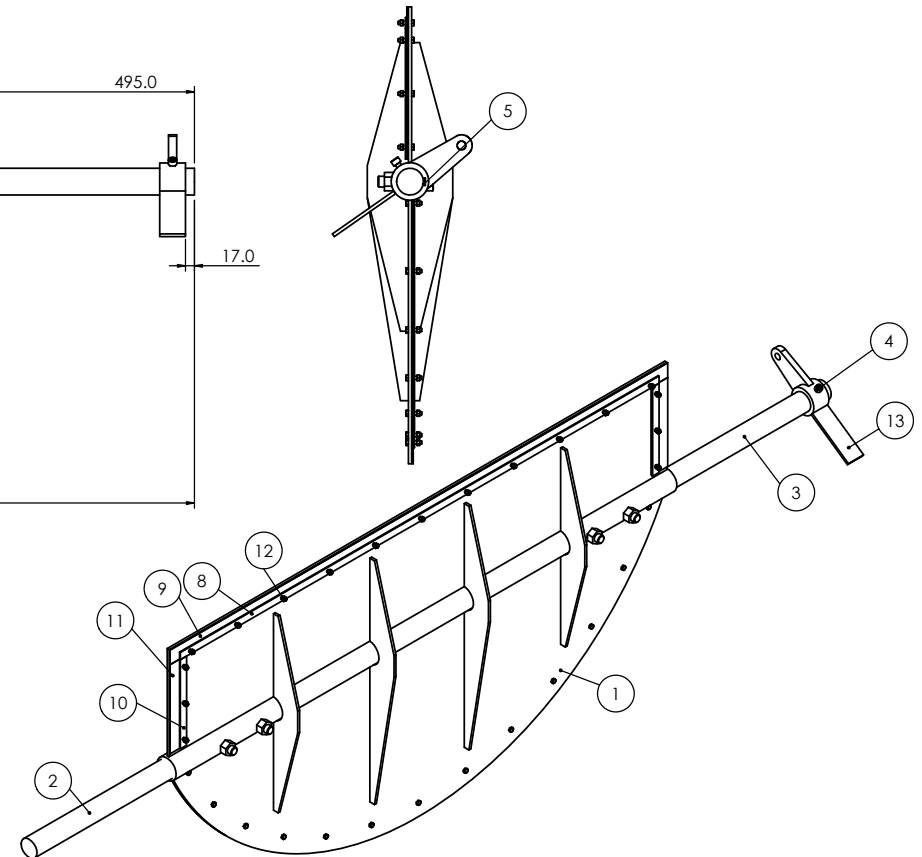
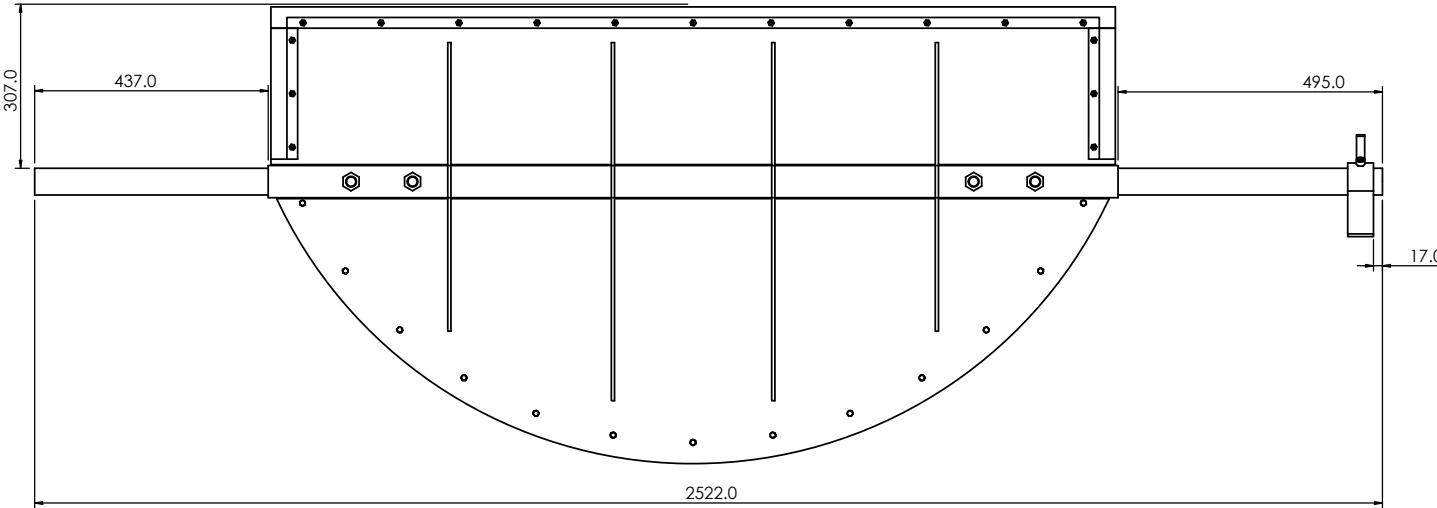
NAME	SIGNATURE	DATE
DRAWN A.Jokar		98.11.03
CHK'D E.Beygi		98.11.03
APP'VD A.Gerami		98.11.03
QC:		

MATERIAL:	MATERIAL STD.
WEIGHT:	

DWG NO. 90005-Circular Damper-06	A3
SCALE:1:5	SHEET 6 OF 15

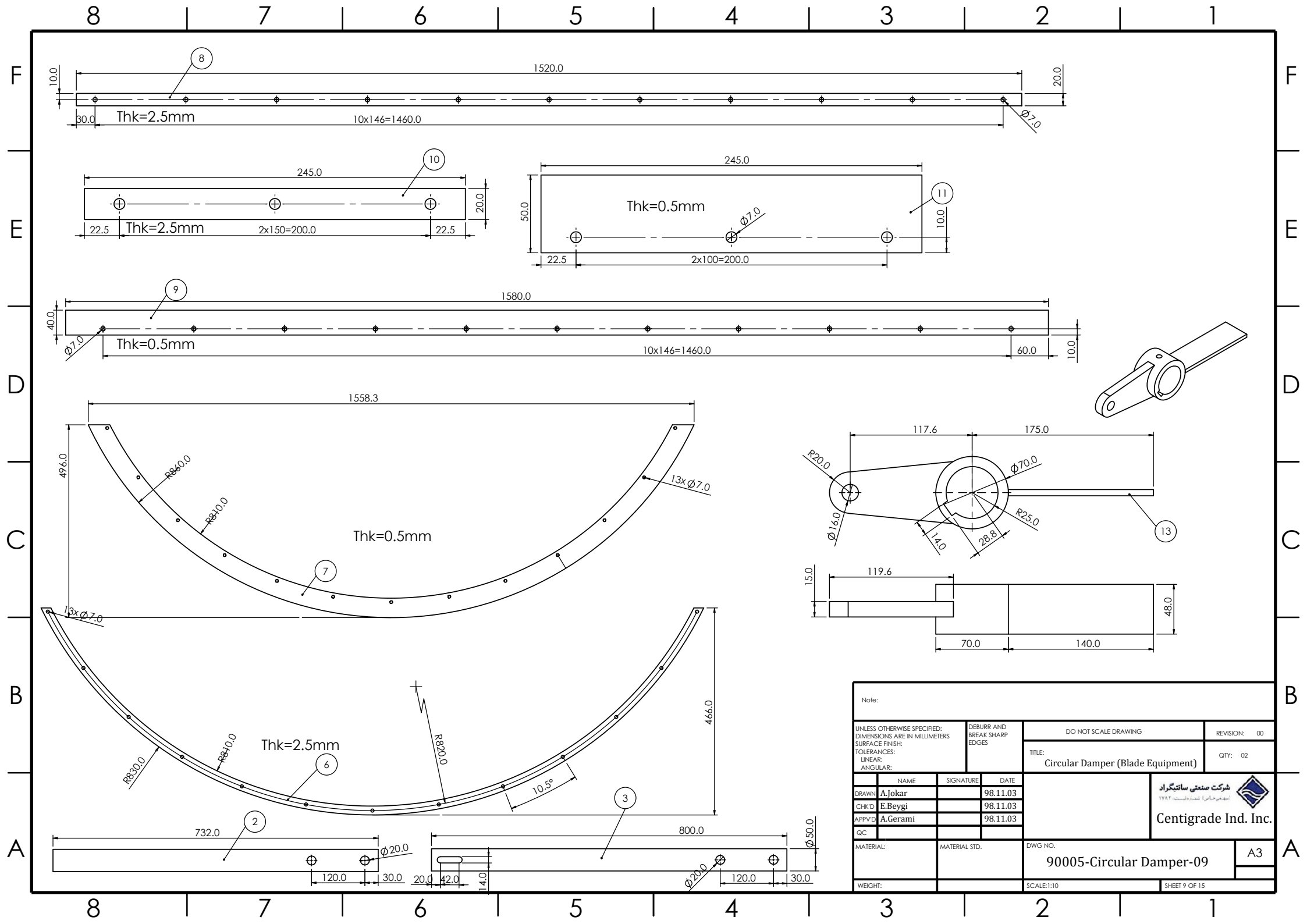
شرکت صنعتی سانتیگراد
تأسیس: خرداد ۱۳۷۲
Centigrade Ind. Inc.



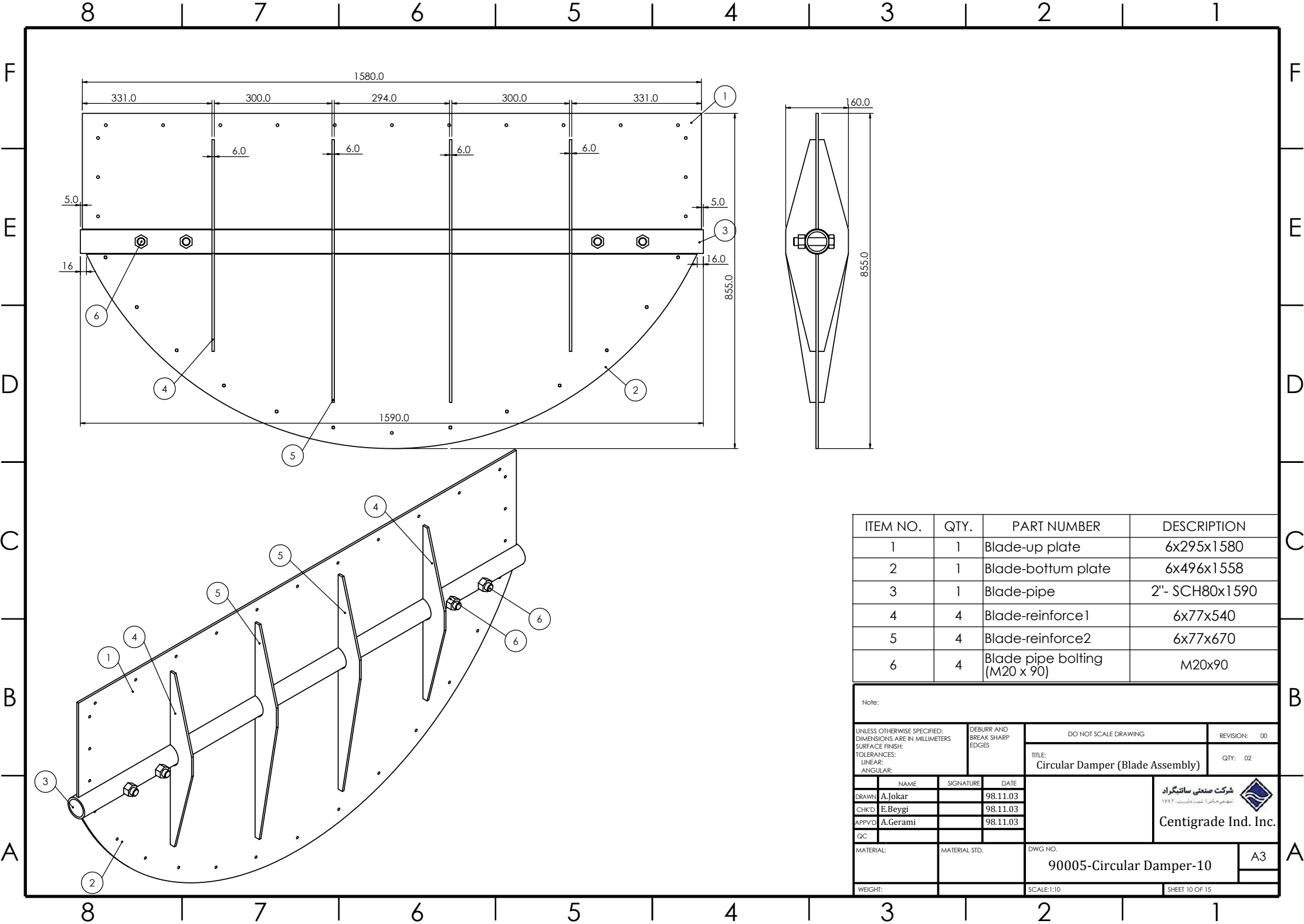


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Assem-blade	90005-10	1
2	Blade shaft-1	Ø 50x732	1
3	Blade shaft-2	Ø 50x800	1
4	Shaft-arm BoltM10x16	M10x16	1
5	Driven shaft key	9x14x56	1
6	Blade Seal-bottom plate	2.5 mm thk.	2
7	Blade Seal plate	0.5x1558x496	1
8	Blade Seal-bottom plate-2	2.5x1558x466	2
9	Blade Seal plate-2	0.5x40x1580	1
10	Blade Seal-bottom plate-3	2.5x20x245	4
11	Blade Seal plate-3	0.5x50x245	2
12	Blade seal plate bolting (M6 x25)	M6x25	30
13	Rotating Arm-LS	See detail	1

Note:			
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:		DEBURR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING
DRAWN: A.Jokar		SIGNATURE:	DATE: 98.11.03
CHK'D: E.Beygi		SIGNATURE:	DATE: 98.11.03
APP'D: A.Gerami		SIGNATURE:	DATE: 98.11.03
QC:		SIGNATURE:	DATE:
MATERIAL:		MATERIAL STD:	DWG NO.
WEIGHT:		SCALE: 1:20	SHEET 8 OF 15
TITLE: Circular Damper (Blade 1 Main Assembly)			REVISION: 00 QTY: 02
شرکت صنعتی سانیگراد انجمن مهندسان مشاوران صنعتی ۱۳۸۲			Centigrade Ind. Inc. A3




Note:			
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:		DEBURR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING
DRAWN: A.Jokar		SIGNATURE:	DATE: 98.11.03
CHK'D: E.Beygi		SIGNATURE:	DATE: 98.11.03
APP'D: A.Gerami		SIGNATURE:	DATE: 98.11.03
QC:		SIGNATURE:	DATE:
MATERIAL:		MATERIAL STD.	DWG NO.
WEIGHT:		SCALE: 1:10	SHEET 9 OF 15
Circular Damper (Blade Equipment)			REVISION: 00
QTY: 02			
90005-Circular Damper-09			A3



ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	Blade-up plate	6x295x1580
2	1	Blade-bottom plate	6x496x1558
3	1	Blade-pipe	2"- SCH80x1590
4	4	Blade-reinforce1	6x77x540
5	4	Blade-reinforce2	6x77x670
6	4	Blade pipe bolting (M20 x 90)	M20x90

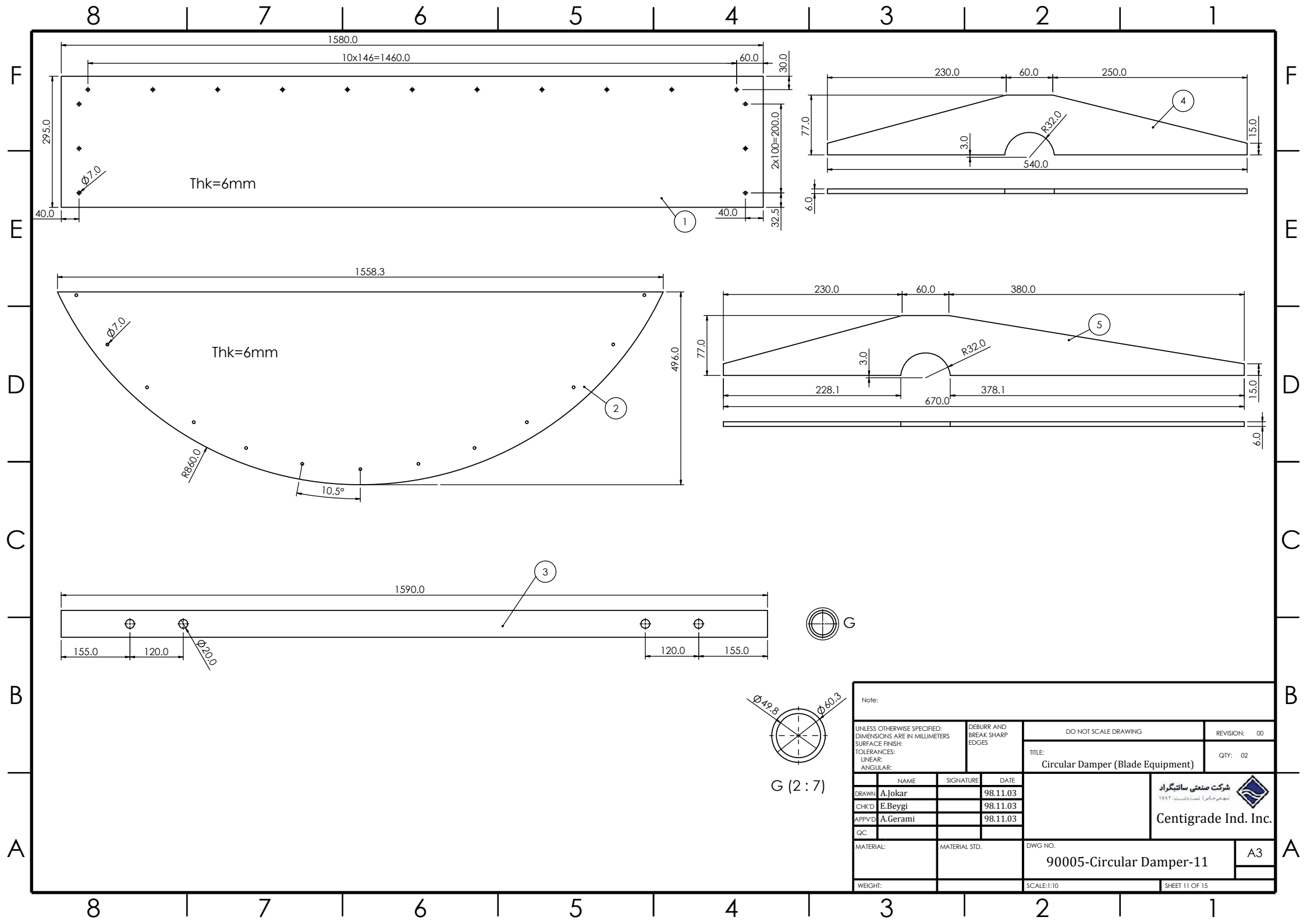
Note:			
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:		DEBURR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING
			REVISION: 00
		TITLE: Circular Damper (Blade Assembly)	
		QTY: 02	
DRAWN: A.Jokar		SIGNATURE	DATE: 98.11.03
CHK'D: E.Beygi			98.11.03
APPV'D: A.Gerami			98.11.03
QC:			
MATERIAL:		MATERIAL STD.	DWG NO. 90005-Circular Damper-10
WEIGHT:			SCALE:1:10
		SHEET 10 OF 15	

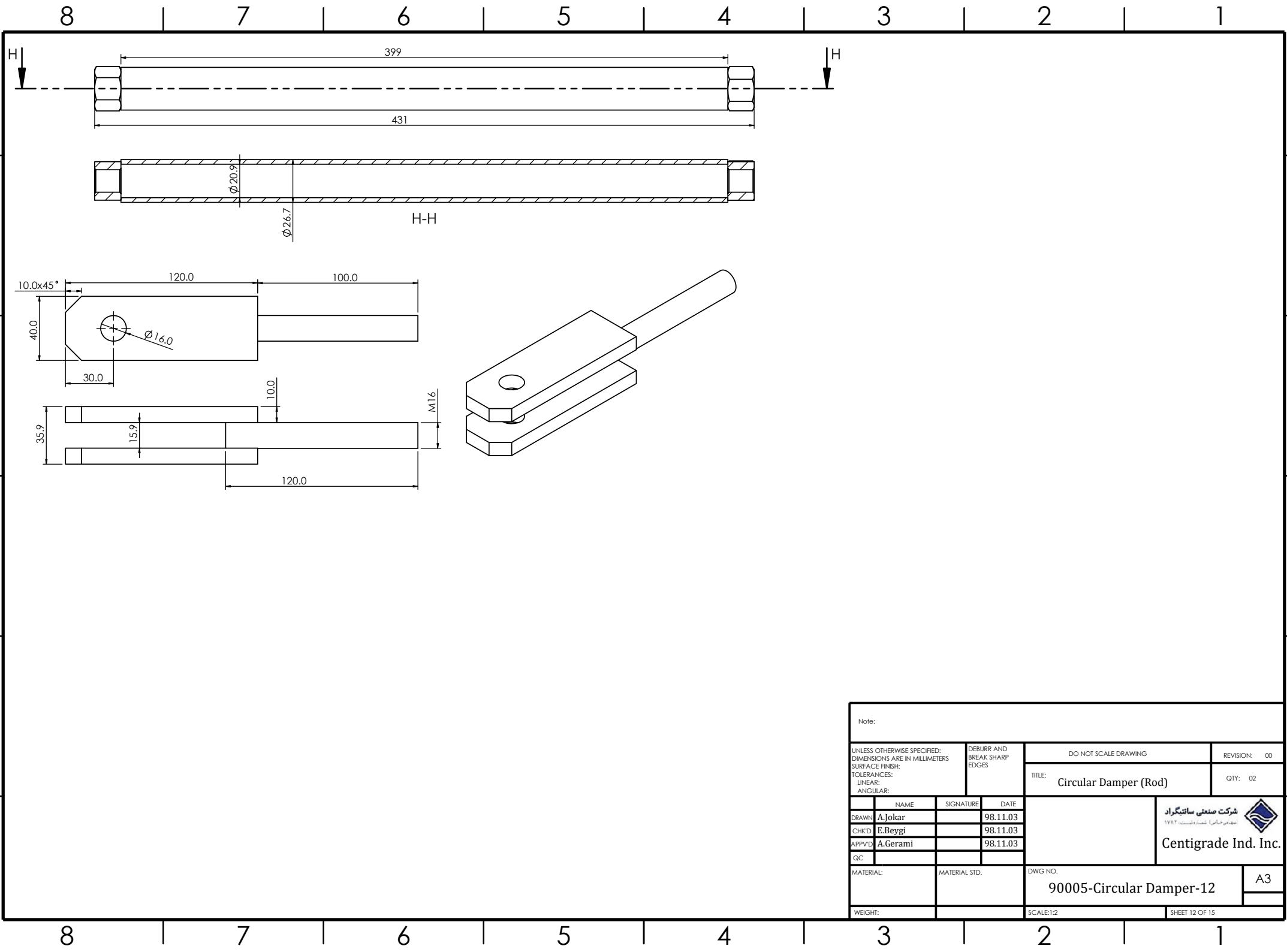
شركت صنعتی سانیگراد
انجمن ماشین‌های فشار قوی، تاسیس ۱۳۸۲

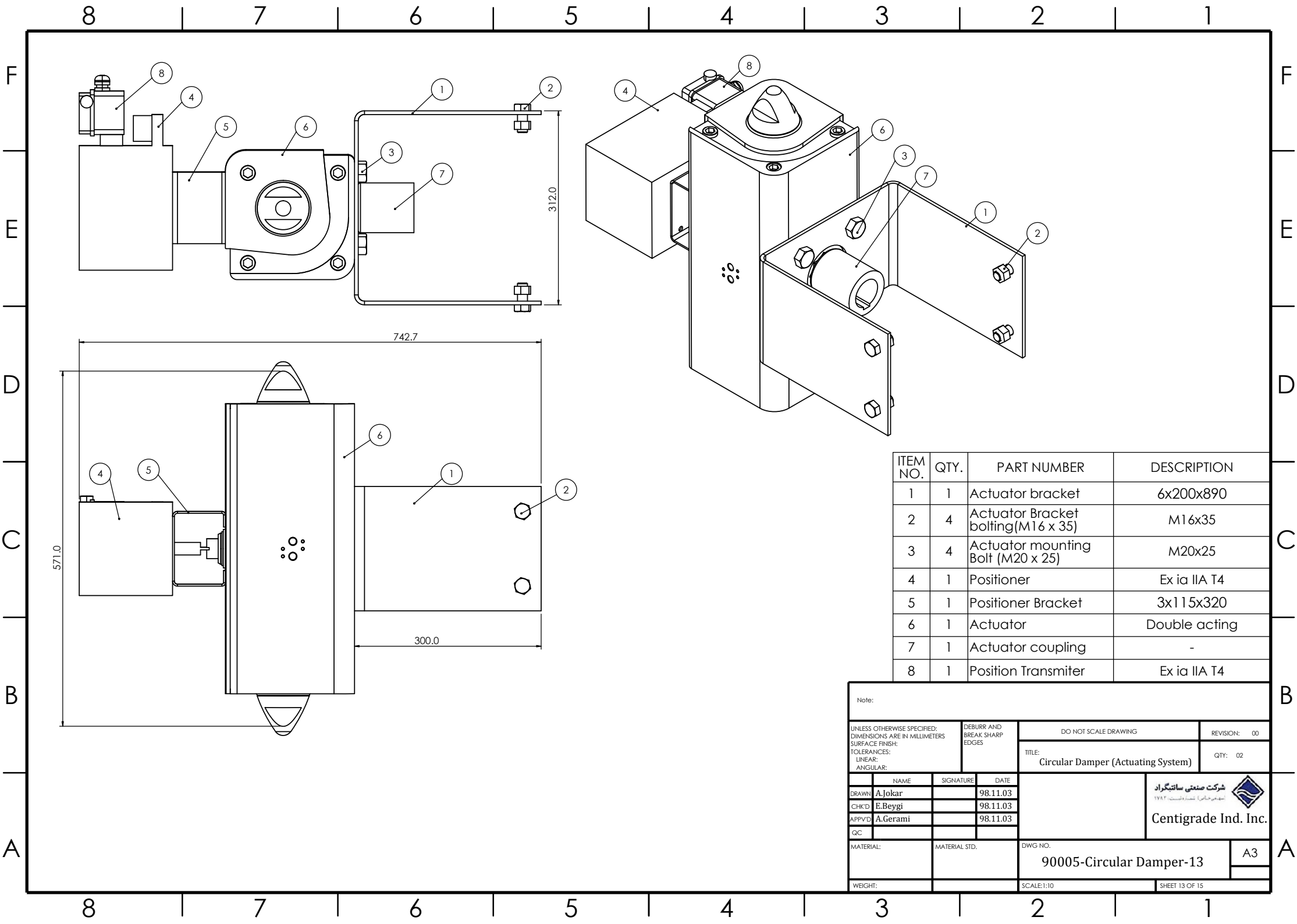


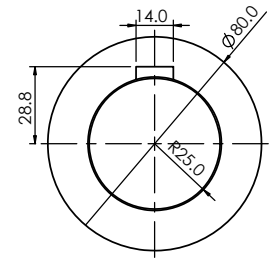
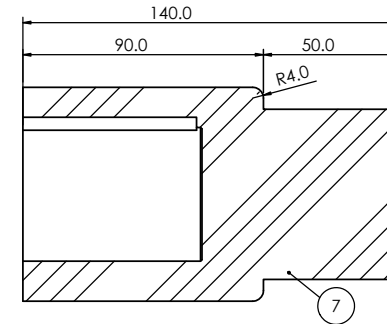
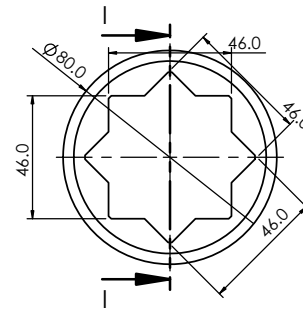
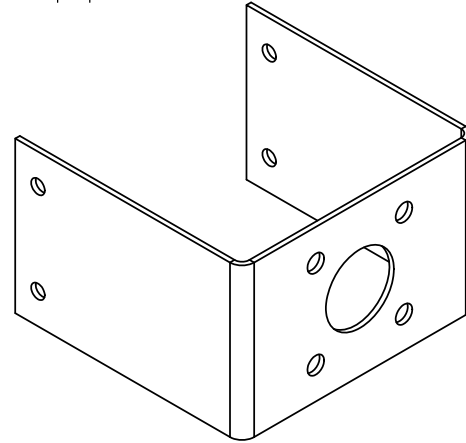
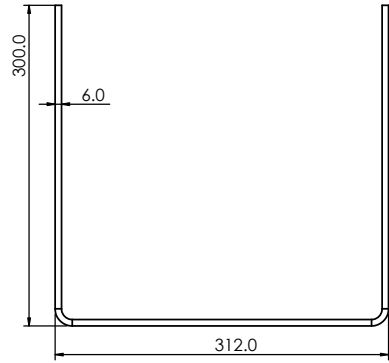
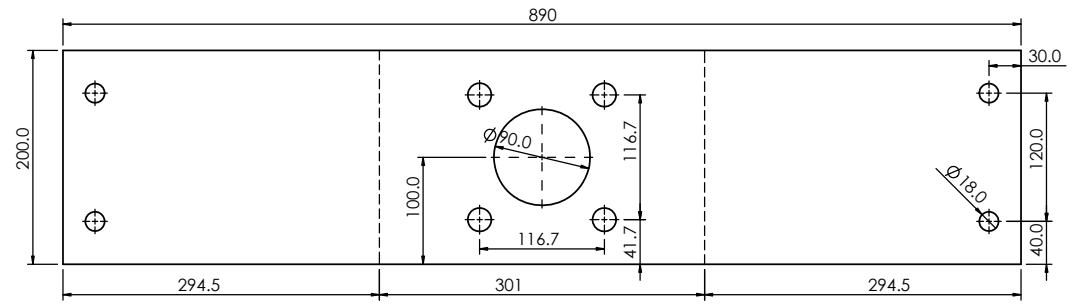
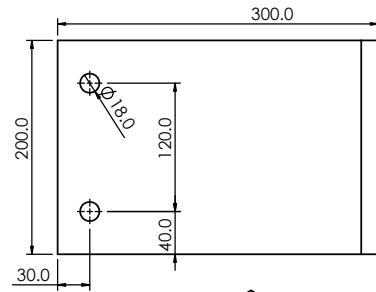
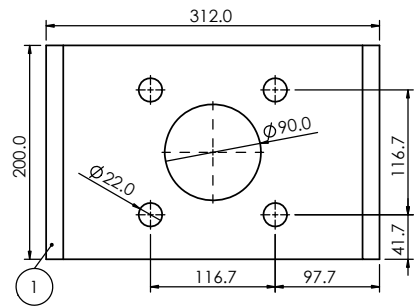
Centigrade Ind. Inc.

A3

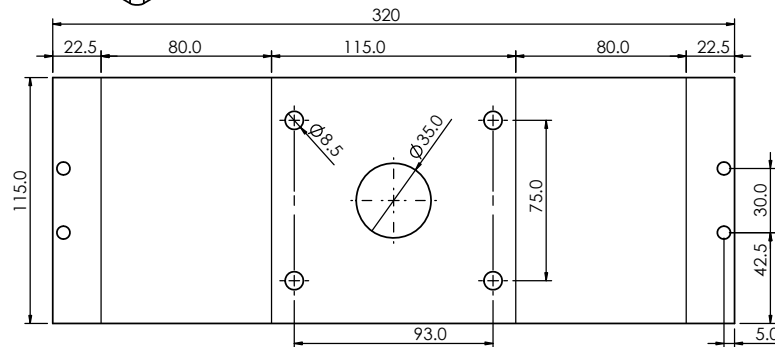
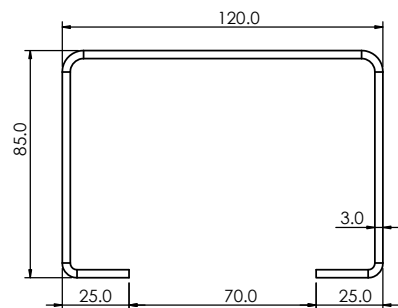
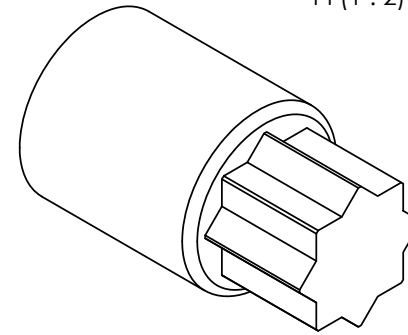
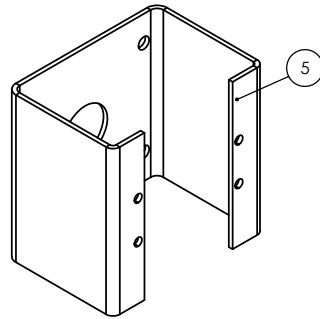
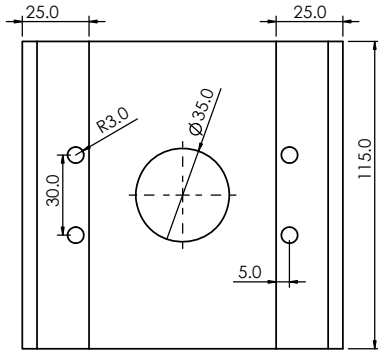








I-I (1 : 2)



Note:			
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:		DEBURR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING
DRAWN: A.Jokar		SIGNATURE:	DATE: 98.11.03
CHK'D: E.Beygi		SIGNATURE:	DATE: 98.11.03
APP'D: A.Gerami		SIGNATURE:	DATE: 98.11.03
QC:		SIGNATURE:	DATE:
MATERIAL:		MATERIAL STD.	DWG NO.
WEIGHT:		SCALE: 1:5	SHEET 14 OF 15
TITLE: Circular Damper (Actuator Equipment)		REVISION: 00	QTY: 02
شركت صنعتی سانیگراد تولیدی ماشین آلات صنعتی		Centigrade Ind. Inc.	
90005-Circular Damper-14		A3	