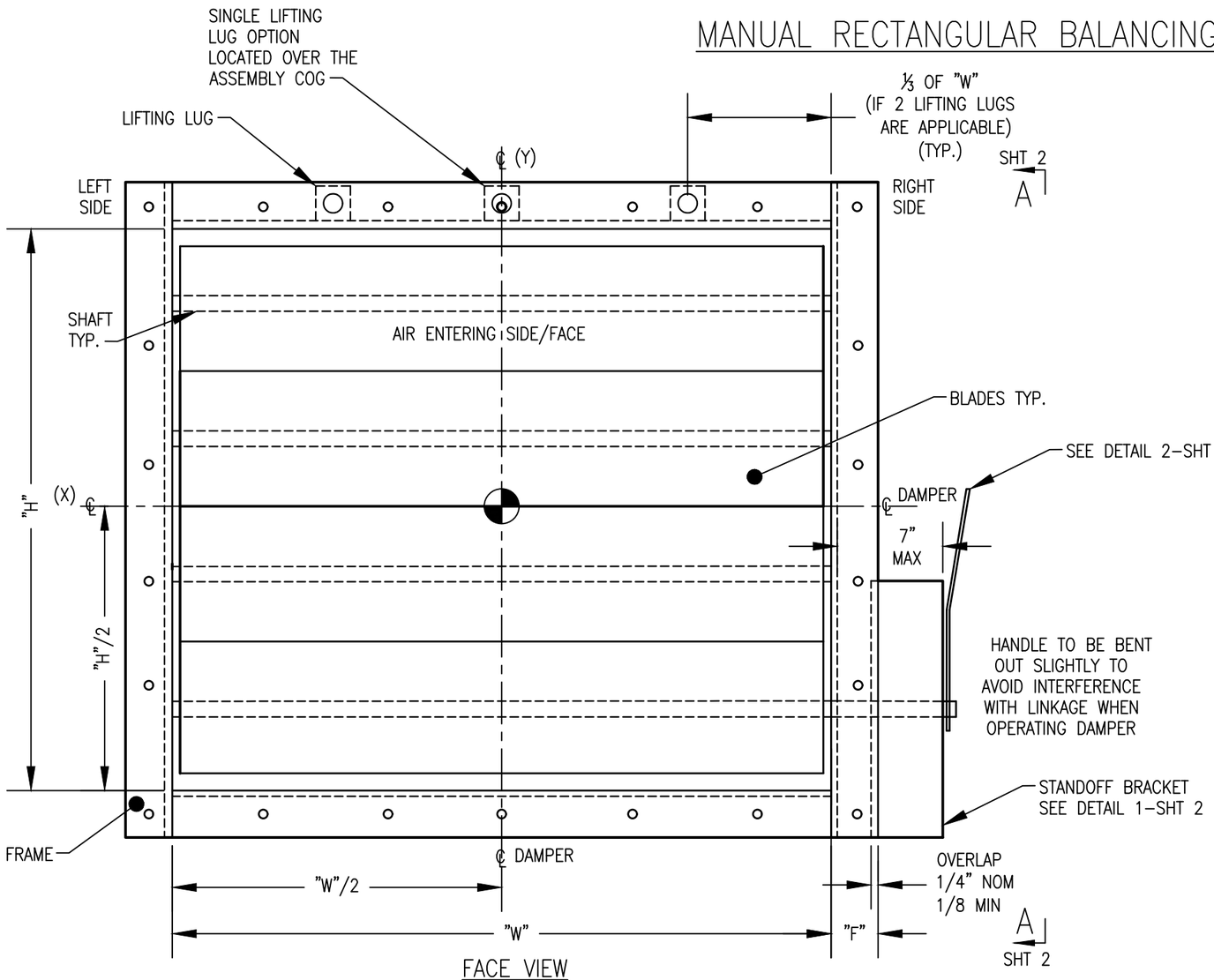
MANUAL RECTANGULAR BALANCING DAMPER



FACE VIEW

4 BLADE DAMPER WITH MANUAL ACTUATOR SHOWN ON RIGHT SIDE AND ON SHAFT 4 FOR ILLUSTRATION PURPOSES (BLADE BREAKS NOT SHOWN FOR CLARITY)

NOTES:
1. ESTIMATED WEIGHT DOES NOT INCLUDE ACTUATOR WEIGHT.

DAMPER MODEL NUMBER:
SSM–06–OB

SIZE LIMITATIONS (W X H)	MINIMUM	MAXIMUM		STANDARD DEPTH	EST. WEIGHT (SEE NOTE 1)
		SINGLE SECTION	MULTI–SECTION		
STANDARD	4" X 4"	48" X 108"	96" X 108"	12"	25 LBS/SQ FT

ABBREVIATIONS
COG = CENTER OF GRAVITY
D = DEPTH
EQ = EQUALS
F = FLANGE
H = HEIGHT
OB = OPPOSED BLADE
T = DUCT GA. THICKNESS OF CONNECTING DUCTWORK
W = WIDTH
N.C. = NOT CRITICAL
⟨X⟩ = NOT REQUIRED FOR SPECIFIED LEAK CLASS

PARTS LIST

	CARBON	STAINLESS
FRAME	ASTM A653	ASTM A240 TYPE 304
FRAME THICKNESS	10 GA.	10 GA.
BLADE	ASTM A653	ASTM A240 TYPE 304
BLADE THICKNESS	10 GA. OR 14 GA.	10 GA. OR 14 GA.
BLADE GASKET	EXOBLOC BF–1000 SILICONE	
SIDE SEALS	ASTM A–666, SS 301 1/2 HARD	
BEARINGS	McMASTER CARR MODEL 5912K18 (3/4" SHAFT)	
	McMASTER CARR MODEL 5912K32 (1" SHAFT)	
ACTUATOR OPTIONS	MANUAL QUADRANT	
	HANDWHEEL	
	OTHERS BY REQUEST	

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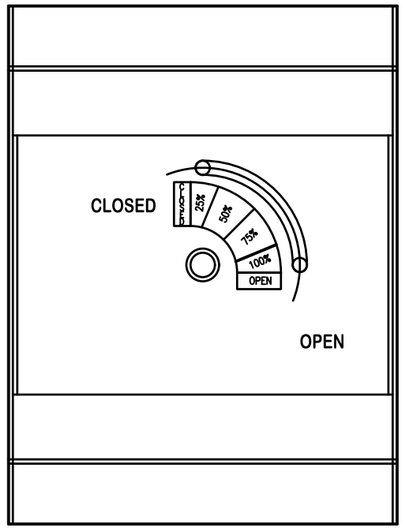
SSM INDUSTRIES, INC.
POWER DIVISION
3401 GRAND AVENUE
PITTSBURGH, PA 15225-1507
PHONE: (412) 777-5101
FAX: (412) 771-5382

REVISIONS

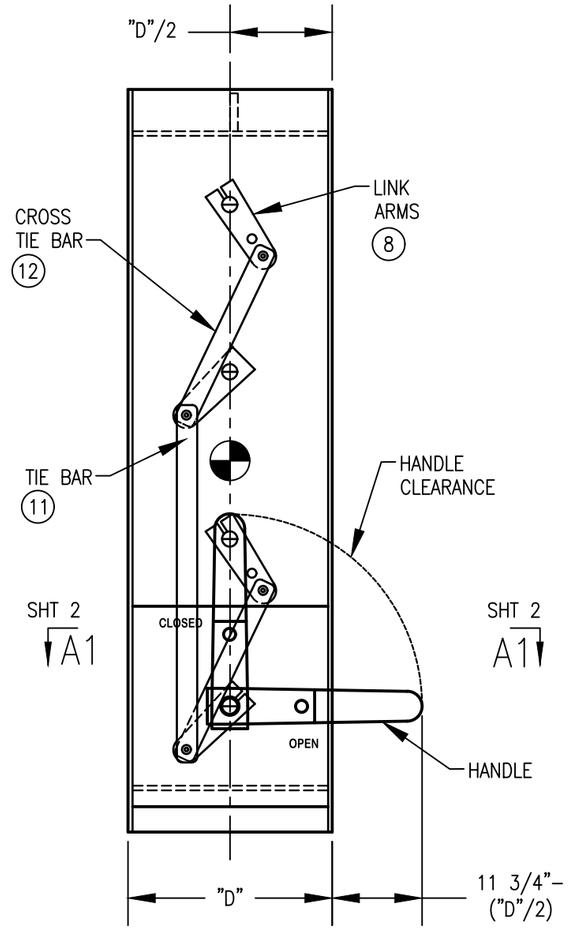
REVISION	DATE	DRAWN	CHECKED	QA REVIEW	APPROVED	DESCRIPTION
0	12–18–25					ORIGINAL
1	2–18–26					REVISED PER CUSTOMER COMMENT

MANUAL RECTANGULAR BALANCING DAMPER OUTLINE & CONFIGURATION DRAWING

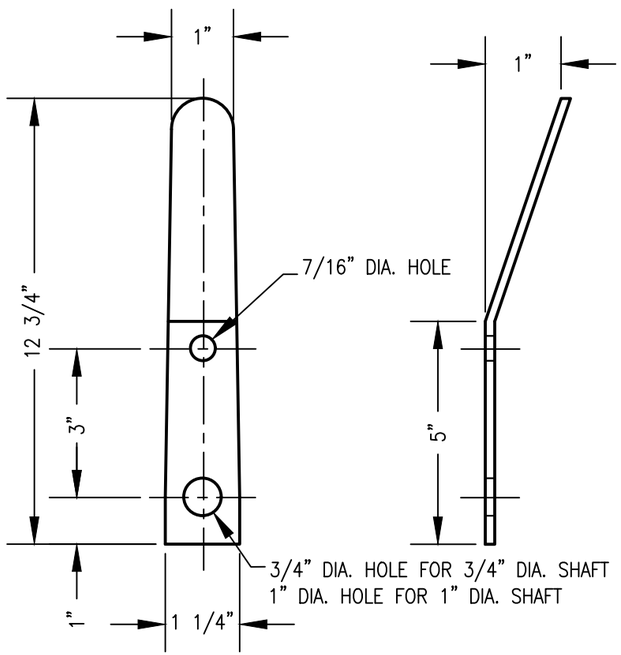
DRAWING NO.	REV.
25P043–OLC–OB–S10–S–01 SHEET 1 OF 3	1A



DETAIL 1/SHT 1
STANDOFF BRACKET



SECTION A–A/SHT 1
(OB)



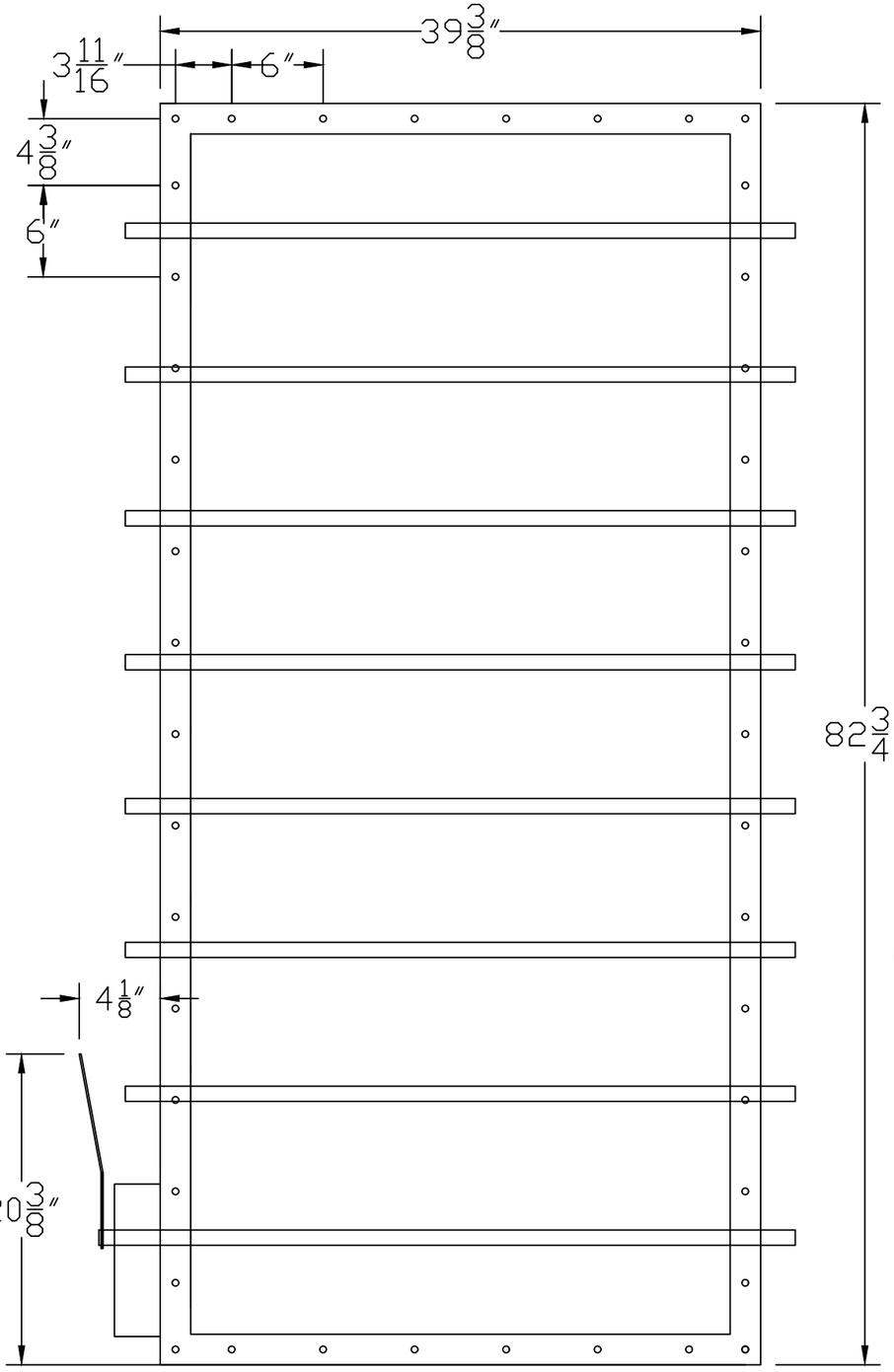
DETAIL 2/SHT 1
HANDLE

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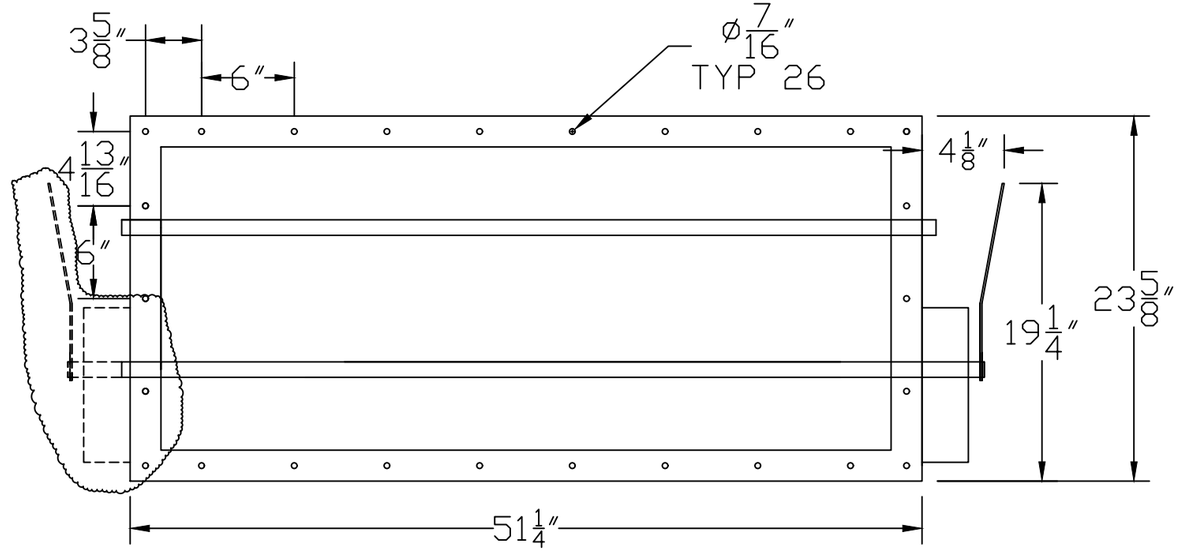
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MANUAL RECTANGULAR BALANCING DAMPER
OUTLINE & CONFIGURATION DRAWING

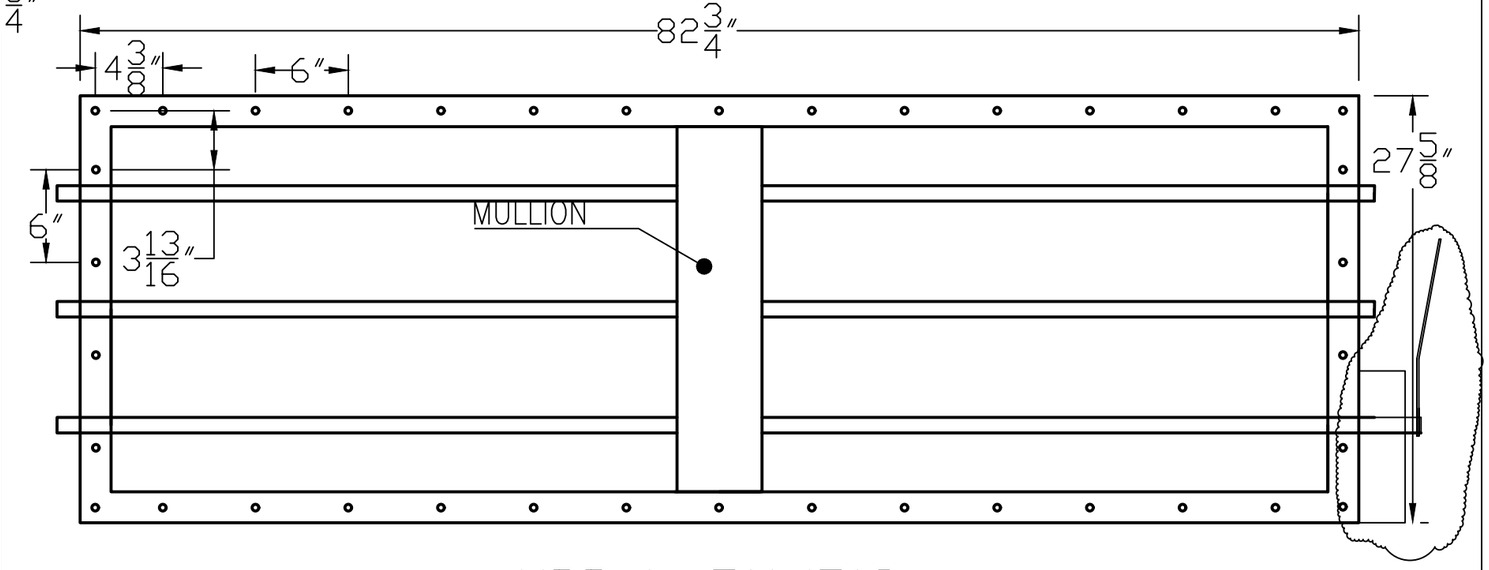
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25P043–OLC–OB–S10–S–01 SHEET 2 OF 3	1A



MBD-L-510 ELEVATION VIEW



MBD-L-532/533/535/538
ELEVATION VIEW



MBD-L-511/512
ELEVATION VIEW

MANUAL BALANCING DAMPER
OUTLINE & CONFIGURATION DRAWING

DRAWING NO.	REV.
25P043-OLC-OB-S10-S-01 SHEET 3 OF 3	1