DESIGN TYPE: 06 - OB/PB DAMPER

TABLE 1

TAG #	MODEL #	W WIDTH (I.D.) (mm/in.)	H HEIGHT (I.D.)(mm/in.)	D DEPTH(mm/in.)	(F) FLANGE WIDTH(mm/in)	FRAME THICKNESS	FRAME TYPE	MATERIAL	# OF SECTIONS	# OF BLADES	DAMPER ORIENTATION	EST. DAMPER WEIGHT (KG)	ACTUATOR TYPE	ACTUATOR SIDE	MODULATING/ ISOLATING	C.G. (X) DISTANCE FROM CL (cm)	C.G. (Y) DISTANCE FROM CL (cm)	C.G. (Z) DISTANCE FROM CL (cm)	LINKAGE CONFIGURATION	BLADE STOP TYPE (WELDED or BOLTED)	SHAFT DIAMETER (in.)	FRAME LEAK CLASS	SEAT LEAK CLASS
MBD-L-510	SSM-OB-06	900 35 3/8"	2000 78 3/4"	254 10"	50.8 2"	10ga	BENT	SS	1	8	VERT.	206	MANUAL QUADRANT	RS	ISO	15 .61"	15 .61"	0 0	MAN.	W	1	B	IV
MBD-L-511	SSM-OB-06	2000 78 3/4"	600 23 5/8"	254 10"	50.8 2"	10ga	BENT	SS	1	3	VERT.	128	MANUAL QUADRANT	LS	ISO	3 .13"	37 1.46"	0 0	MAN.	W	1	B	IV
MBD-L-512	SSM-OB-06	2000 78 3/4"	600 23 5/8"	254 10"	50.8 2"	10ga	BENT	SS	1	3	VERT.	128	MANUAL QUADRANT	LS	ISO	3 .13"	37 1.46"	0 0	MAN.	W	1	B	IV
MBD-L-532	SSM-OB-06	1200 47 1/4"	500 19 5/8"	254 10"	50.8 2"	10ga	BENT	SS	1	2	VERT.	84	MANUAL QUADRANT	LS	ISO	4 .17"	29 1.16"	0 0	MAN.	W	1	B	IV
MBD-L-533	SSM-OB-06	1200 47 1/4"	500 19 5/8"	254 10"	50.8 2"	10ga	BENT	SS	1	2	VERT.	84	MANUAL QUADRANT	LS	ISO	4 .17"	29 1.16"	0 0	MAN.	W	1	B	IV
MBD-L-535	SSM-OB-06	1200 47 1/4"	500 19 5/8"	254 10"	50.8 2"	10ga	BENT	SS	1	2	VERT.	84	MANUAL QUADRANT	RS	ISO	4 .17"	29 1.16"	0 0	MAN.	W	1	B	IV
MBD-L-538	SSM-OB-06	1200 47 1/4"	500 19 5/8"	254 10"	50.8 2"	10ga	BENT	SS	1	2	VERT.	84	MANUAL QUADRANT	RS	ISO	4 .17"	29 1.16"	0 0	MAN.	W	1	B	IV

*NOTE: CLASS IV BLADE LEAKAGE DOES NOT REQUIRE BLADE SEAL GASKETS

DETAIL 4

CLIENT:	KRSKO
JOB NAME:	KRSKO OSC DAMPERS
SPEC #:	To Be Determined
CODE:	ASME AG-1

JOB DESIGN INFORMATION

SAFETY CLASS	SR	
SEISMIC CLASS	Class 1	
	SSM DESIGN	SITE REQUIRED
SEISMIC Gs	7.5G OBE	PER NOTE 1 2% OBE
	11.0G SSE	PER NOTE 4% SSE
PRESSURE (in. W.G.)	25" WG	5" WG
RADIATION	1E7	N/A
TEMPERATURE (C°)	10°F MIN 220°F MAX	65°C MAX

DETAIL 8 TAGGING REQUIREMENTS

MANUFACTURER'S NAME
DAMPER TYPE/DIMENSIONS
MANUFACTURER'S SERIAL NUMBER
RATED FLOW/PRESSURE DROP
OWNER'S TAG NUMBER
OWNER'S PO NUMBER

FABRICATION TOLERANCE

STRUCTURAL FABRICATION TOLERANCE FOR THIS DRAWING IS:

= ± .3175 cm (1/8")

UNLESS OTHERWISE NOTED, DIMENSIONS FOLLOWED BY "NC" ARE NON-CRITICAL. STRUCTURAL WELDING TOLERANCE SHALL BE IN ACCORDANCE WITH THE GENERAL WELDING PROCEDURES UNLESS OTHERWISE NOTED.

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REVISIONS

REV.	DATE	ENG	ENG	QA	APPROVED	DESCRIPTION
0	12/18/25					ORIGINAL
1	2/18/26					REVISED PER CUSTOMER COMMENTS

SAFETY RELATED FUNCTION:

MAINTAIN REACTOR COOLING SYSTEM

JOB # 25P-043
CLIENT PO#

MANUAL BALANCING DAMPER
OUTLINE & CONFIGURATION DRAWING

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