HEAVY DUTY ROUND CONTROL DAMPER

MODEL: AMI-HDCD92-S

STANDARD CONSTRUCTION

FRAME:
Steel channel

BLADES:
Steel, stiffened as required

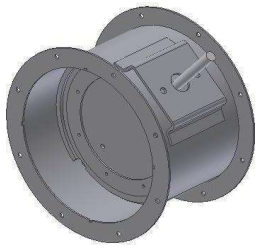
MAXIMUM TEMPERATURE:
250 deg. F is standard

FINISH:
Bonded, Industrial alkyd-epoxy enamel

SEAL:
Silicone seal
Seal, fastened to blade with bolted retainer ring.

CONTROL SHAFT:
Axle extends 6” from frame

BEARINGS:
Grease lubricated lubricated ball bearings mounted outboard of frame with adjustable packing gland shaft seals.



MINIMUM SIZE
4” dia

MAXIMUM SIZE
72” dia

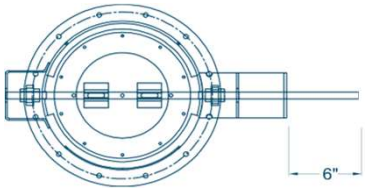
OPTIONAL BOLT HOLES AS SHOWN
S= Holes Straddle Axle (Shown)
M=diameter Of Holes
H= Number Of Holes (Even Number Only)
T= Holes Parallel With Axle O (Not Shown)

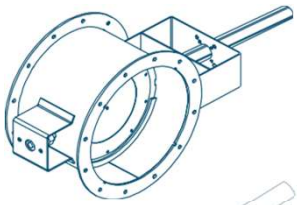
Dimensions in brackets () indicate millimeters.

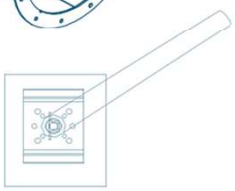
Inside diameter (D)		Blade	Axle		
Above	Through	Thickness	Diameter	Flange (F)	Web(C)
4" (102)	8 3/4" (222)	1/4" (6)	1/2" (13)	1 1/4" X 10 ga.	6"x 10 ga.
8 3/4" (222)	11 3/4" (299)	1/4" (6)	3/4" (19)	1 1/4" X 10 ga.	9"x 10 ga.
11 3/4"(299)	14" (356)	1/4" (6)	3/4" (19)	1 1/2" X 10 ga.	9"x 10 ga.
14" (356)	24" (610)	1/4" (6)	3/4" (19)	1 1/2" X 1/4"	9"x 10 ga.
24" (610)	32" (813)	1/4" (6)	3/4" (19)	2"xl/4"	12" xl/4"
32" (813)	44"(1118)	1/4" (6)	1" (25)	2"xl/4"	12" xl/4"
44" (1118)	48" (1219)	3 / 8" (101)	11/2" (38)	2"xl/4"	12" xl/4"
48" (1219)	52" (1321)	3 / 8" (101)	11/2" (38)	2 1/2" X 5/16"	12" x5/16"
52" (1321)	72" (1829)		2" (51)	2 1/2" X 5/16"	12" x5/16"

FRAME	BLADES	SEALS
Steel channel	Steel stiffened as required	Full circumference elastomer wiper seal
304 Stainless steel (OPT)	304 Stainless steel (OPT)	Silicone Blade seal (OPT.)

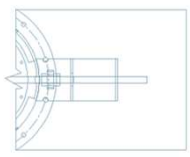
BEARINGS	AXLE	ACCESSORIES (OPT)
Grease lubricated ball bearings mounted outboard with shaft seals	Plated continous 6" extension beyond frame	Bolt holes in 1 flange
	304 Stainless steel (OPT)	Bolt holes in both flanges
		Manual actuator
		Electric actuator
		Pneumatic actuator







Hand Quadrant



Out Board Bearings W / Shaft Seals (Opt)

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