

ARROW CONTROL DAMPER FORMED STEEL

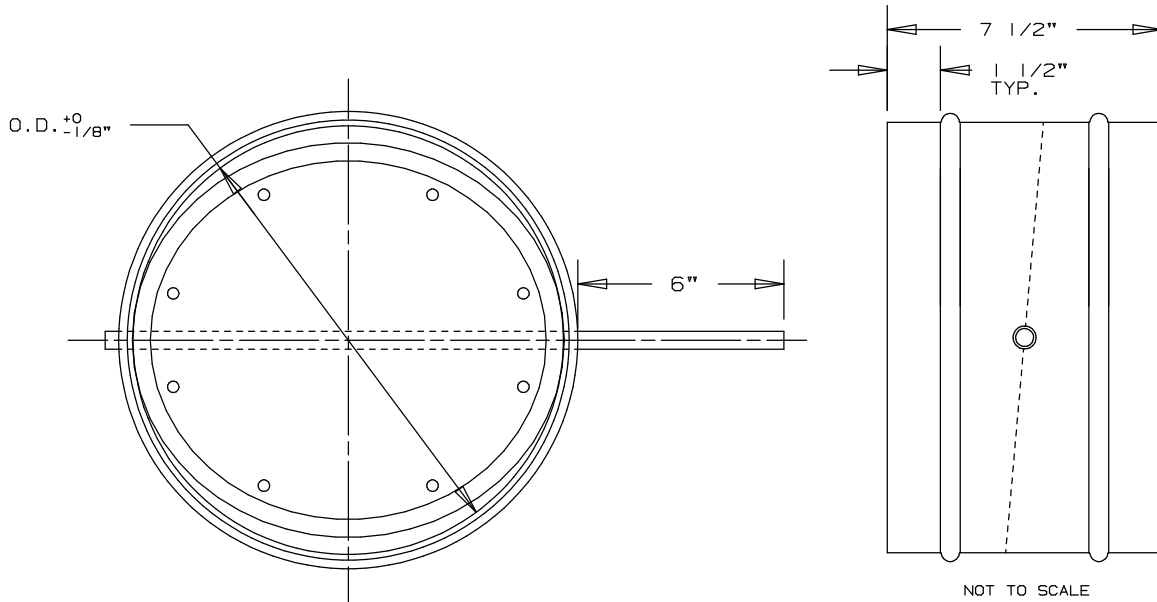
TYPE 250SRD

ROUND CONTROL DAMPER WITH SEALS
FOR USE TO 6" W.G. AND 3000 FPM

BUILT WITH ARROW QUALITY

DESIGNED FOR LOW LEAKAGE APPLICATIONS

ROLLED RIBS IN FRAME PROVIDE GREATER REINFORCEMENT
EASE OF INSTALLATION AND SEALING JOINT



SPECIFICATIONS

FRAME: 22 GA. GALVANIZED STEEL SLEEVE
7 1/2" LONG WITH REINFORCING RIBS.

BLADE: 20 GA. GALVANIZED STEEL.
DOUBLE THICKNESS.

SHAFT: 1/2" DIA. PLATED STEEL STUB,
MONO-BOLTED TO BLADE,
EXTENDED 6" BEYOND FRAME.

BEARING: BRONZE OILITE FLANGED
SLEEVE BEARING, PRESS
FIT INTO FRAME.

STOPS: FORMED GALVANIZED STEEL ANGLE
MECHANICALLY FASTENED TO FRAME
TO PREVENT OVER ROTATION OF BLADE.

SEALS: 1/16" THK. NEOPRENE RUBBER, RIVETED TO
BLADE WITH A 20 GA. GALVANIZED STEEL
RETAINING PLATE.

FINISH: FACTORY MILL.

OPERATING TEMPERATURE LIMIT: 250°F.

DAMPER SIZE: 4" DIA. MINIMUM
24" DIA. MAXIMUM

NOMINAL DEDUCTIONS WILL BE MADE TO OPENING SIZE GIVEN

ITEM	QTY.	DAMPER SIZE O.D.	TAGGING	REMARKS	 UNION MADE

ARROW UNITED INDUSTRIES
A DIVISION OF MESTEK, INC.
314 RIVERSIDE DRIVE
WYALUSING, PA 18853
TEL: (570) 746-1888 FAX: (570) 746-9286

AGENT: _____

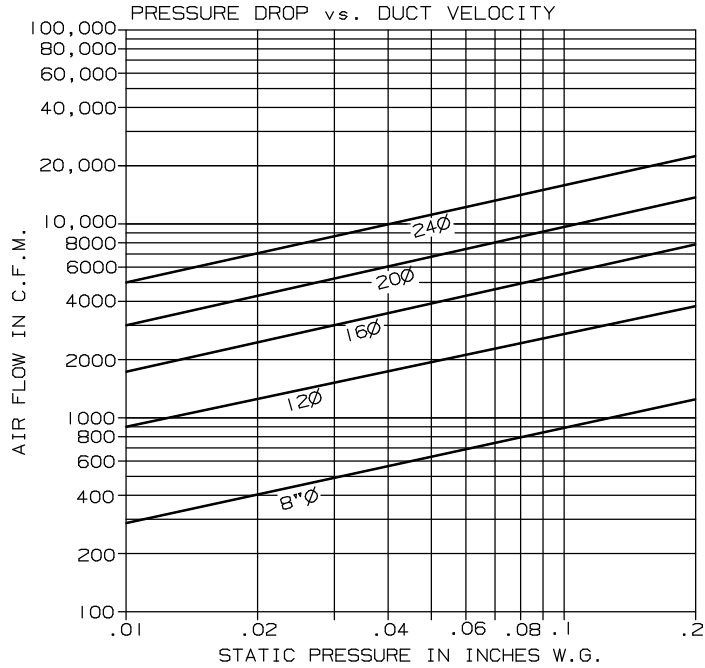
ARCH./ENG.:
CONTR:
PROJECT:
EDR: ECN: JOB:
DATE: DWN: DWG:

DAMPER MODEL 250SRD

FORMED STEEL - CONTROL DAMPER

PERFORMANCE DATA

PRESSURE DROP RATINGS ARE BASED ON AMCA STANDARD 500 USING TEST SET-UP FIG. 5.3 FOR DAMPER INSTALLED WITH DUCT UPSTREAM AND DOWNSTREAM. STATIC PRESSURES ARE CORRECTED TO .075 LB./CU. FT. AIR DENSITY.



PRESSURE DROP RATINGS ARE BASED ON AMCA STANDARD 500 USING TEST SET-UP FIG. 5.4 AIR LEAKAGE IS CORRECTED TO .075 LB./CU. FT. AIR DENSITY.

