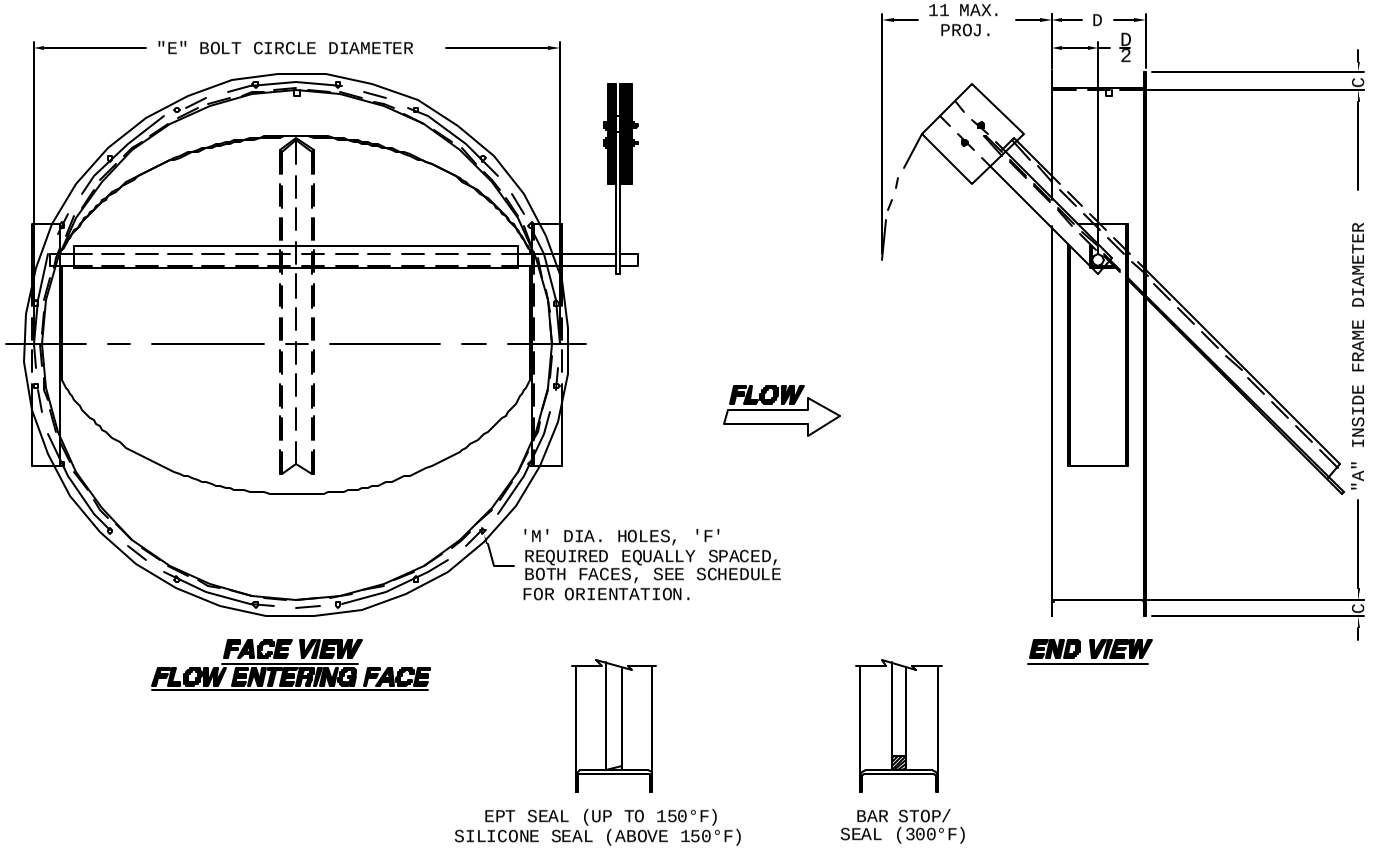
ROUND BACKDRAFT DAMPER, 4000 FPM MAX. VELOCITY, 8.5" W.G. MAX. DIFF. PRESS., 300°F MAX. TEMP., 12" THRU 60" DIAMETER



AWV ITEM NO.	QUANTITY	"A" INSIDE FRAME DIAMETER	CONSTRUCTION OPTIONS: "C" FLANGE WIDTH	"D" FRAME DEPTH	FRAME GA. / THK.	SLEEVE GA. / THK.	FLANGE GA. / THK.	BLADE GA. / THK.	AXLE DIAMETER	EPT SEAL	BAR STOP/SEAL	OPTIONAL MOUNTING HOLE DIMENSIONS: 1 FLANGE AIR ENTERING SIDE ☐ / 1 FLANGE AIR LEAVING SIDE ☐ / BOTH FLANGES ☐ — E	F	M	STRADDLE VERT. CENTERLINE	ON VERTICAL CENTERLINE	REMARKS

SPECIFICATIONS

FRAME: 10" x 2" x 10 GA. CHANNEL, CARBON STEEL.

BLADE: 10 GAUGE STEEL, WELDED TO AXLE, THRU 24" DIA.
3/16" THK. STEEL, WELDED TO AXLE, 24"+ THRU 48" DIA.
1/4" THK. STEEL, WELDED TO AXLE, 48"+ THRU 60" DIA.

PARALLEL REINFORCING: AS REQUIRED TO MEET DESIGN REQUIREMENTS.

PERPENDICULAR REINFORCING: AS REQUIRED TO MEET DESIGN REQUIREMENTS.

AXLE: 1/2" DIA. STEEL FULL LENGTH, THRU 16" DIA.
3/4" DIA. STEEL FULL LENGTH, 16"+ THRU 36" DIA.
1" DIA. STEEL FULL LENGTH, 36"+ THRU 48" DIA.
1-1/4" DIA. STEEL FULL LENGTH, 48"+ THRU 52" DIA.
1-1/2" DIA. STEEL FULL LENGTH, 52"+ THRU 60" DIA.

BEARINGS: PRESS FIT BALL BEARINGS UP TO 36" DIA.
RELUBRICABLE BALL, 36"+ THRU 60" DIA.

STOPS: 1/2" DIAMETER STEEL PIN.

SEALS: AS REQUIRED TO MEET DESIGN REQUIREMENTS.

FINISH: ONE (1) COAT AWV STANDARD PRIMER.

ACTUATOR: COUNTERBALANCED FOR EASY OPERATION.

NOTES

1. DAMPERS ARE FOR CLEAN AIR USE ONLY.
2. REFERENCE DWG. #VC-56-6 FOR OPTIONAL MOUNTING HOLE PATTERNS.
3. NOT RECOMMENDED FOR FAN OUTLET.

REV.	DESCRIPTION	DATE	BY

DATE :

AWV PROD. No. :

CUSTOMER :

CUSTOMER ORDER No. :

AGENT :

AGENT ORDER No. :

awv american warming and ventilating
A MESTEK COMPANY
7301 INTERNATIONAL DRIVE HOLLAND, OHIO
WWW.AWV.COM PHONE #(419)865-5000

BD-562 MEDIUM DUTY BACKDRAFT DAMPER

DRN. BY	DWG. NO.	REV.
BET	BD-562-1	
DATE 9-16-04		