



# HAZARDOUS LOCATIONS

## EXPLOSION PROOF DIRECT COUPLED ACTUATOR ENCLOSURE (FOR DAMPERS) ZS-260

### DESCRIPTION

The **Belimo Model ZS-260 explosion proof direct coupled actuator enclosure** is designed for Belimo Models GM, AFB, LF, and NFB direct-mount style actuators installed in a hazardous environment. The **ZS-260 Series** has NEMA 7 and NEMA 9 construction for field-mounted actuators with a drive shaft in front or rear depending on application. The enclosure is a cast aluminum housing with explosion proof ratings for Class I, Division 1, Groups C, D and Class II, Division 1, Groups E, F, G. They are for use with any damper with the appropriate linkage.

**BELIMO**



### FEATURES

- **Class I, Division 1, Groups C, D; Class II, Division 1, Groups E, F, G**
- **Full range of approved actuators**

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### SPECIFICATIONS

<b>Conduit Opening</b>	Two, 3/4"-14 FNPT	<b>Enclosure Rating</b>	NEMA 7CD, NEMA 9EG
<b>Materials of Construction</b>	Cast aluminum, bolted cover	<b>Dimensions</b>	16" H x 10" W x 9.5" D (40.6 x 25.4 x 24.1 cm)
<b>Drive Shaft</b>	SS, 1/2" dia (1.27 cm), 1.5" L (3.8 cm)	<b>Weight</b>	31 lb (14.1 Kg)
<b>Area</b>	Class I, Division 1, Groups C, D; Class II, Division 1, Groups E, F, G	<b>Approvals</b>	UL File #E171998, CSA
<b>Compatible Actuators</b>	AFB, AFX, AF, NFB, NFX, GMB, GMX, AMB, AMX (see actuator specification for torque and control details)	<b>Warranty</b>	1 year

**CAUTION:** Conduit seal **MUST** be installed within code-required distance from enclosure to maintain explosion proof rating.

**WARNING:** This device is not listed for use in areas classified as Group A (acetylene) or Group B (hydrogen).

### ORDERING INFORMATION

**MODEL**  
ZS-260

**DESCRIPTION**  
Damper actuator enclosure with front or rear drive shaft  
**(Order linkage and actuator separately)**

### RELATED PRODUCTS

<b>KG8-K</b>	Ball joint, 90° angle, use with 5/16" diameter pushrod
<b>KH8-K</b>	Crank arm for 3/4" shaft, 3-1/2" length, use with KG8-K ball joint
<b>PR-48</b>	5/16" dia., 48" (1.2m) length push rod
<b>ZG-109</b>	10-ga galvanized right angle mounting plate, 13"H x 10"W x 6"D (25.4 x 33 x 15.2 cm)
<b>ZG-110</b>	Stand-off bracket for ZS-260