DaeJin

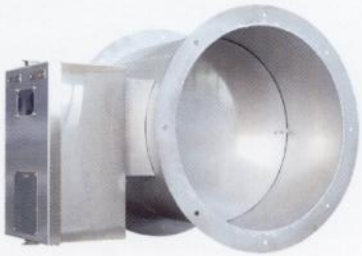
DAMPER SOLUTION

HYUNDAI HEAVY INDUSTRIES CO.,LTD. SAMSUNG HEAVY INDUSTRIES stx HYUNDAI HANJIN HEAVY INDUSTRIES DSME kpc KOREA PRODUCTIVITY CENTER Korea Occupational Safety & Health Agency

Pneumatic Fire & Gas Damper

A0/A60 FIRE CLASS

DAEJIN Pneumatic Fire & Gas Damper has been developed for A-0/A-60 class bulkheads/decks, to prevent fire and gas spreading through ductworks. The damper is open on pneumatic actuation and closed by spring, ensuring fail-safe operation in case of emergency situation such as power failure. Flexible control options are available to suit various customer needs.



Electric Fire & Gas Damper

A0/A60 FIRE CLASS

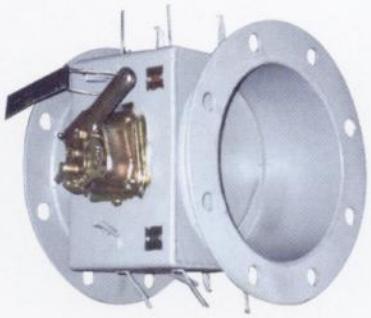
DAEJIN Electric Fire & Gas Damper has been developed for A-0/A-60 class bulkheads/decks, to prevent fire and gas spreading through ductworks. The damper is open on electric actuation and closed by spring, ensuring fail-safe operation in case of emergency situation such as power failure. Flexible control options are available to suit various customer needs.

ANTI-EXPLOSION TYPE

Automatic Fire Damper

A0/A60 FIRE CLASS

DAEJIN Automatic Fire Damper has been developed for A-0 class bulkheads/decks, to prevent fire and gas spreading through ductworks. The damper is normally open and automatically closed by means of fusible links, or manually operated by manipulating the attached handle or remote wire levers.



Balancing (Volume) Damper

DAEJIN Balancing (Volume) Damper has been designed for controlling airflow through ventilation systems. Adjusting mechanism can be implemented in manual, pneumatic or electric actuation.

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Shut-Off Damper

DAEJIN Shut-Off Damper has been designed for isolating airflow through ventilation systems. Controlling mechanism can be implemented in manual, pneumatic or electric actuation.

Pressure Relief Damper (Modulating Damper)

DAEJIN Pressure Relief Damper (Modulating Damper) has been developed for controlling airflow in the ventilation system to be unidirectional. The damper flap is switched on the designated air pressure set by appropriate weighting.

Non- Return (Back Draft) Damper

DAEJIN Non-Return (Back Draft) Damper has been developed for controlling airflow in the ventilation system to be unidirectional.

Jalousie Damper

DAEJIN Jalousie Damper has been designed for isolating airflow through ventilation systems. Controlling mechanism can be implemented in manual, pneumatic or electric actuation.

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Fire Shutter

DAEJIN Fire Shutter is a robust safety device made of Stainless steel 304.
The shutter can be closed automatically by fusible link when ambient temperature rises over 72℃ , and it can be operated manually.
Also electric magnetic equipped for emergency operation, maximizing safe and reliable nature of device.
The shutter is produced to meet the standards specified in IMO regulation and certified by KR, ABS, DNV, LR, GL, BV etc, also acquired CE Mark.

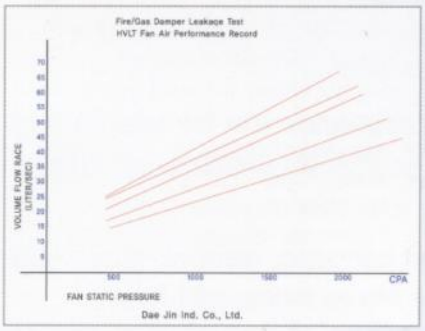
FUSIBLE TYPE

ELECTRIC MAGNET TYPE

Leak Test of Fire & Gas Damper

Damper Test

Leak Test Report of Fire & Gas Damper



WPS, Approved by Lloyd's

DAEJIN INDUSTRIES

President Message

Since estabilshed on 1982, DAEJIN Industries Inc. Co., Ltd. has designed, produced and installed furniture, especially for marine vessels.
As the fire resistivity being the major requirement in the marine/offshore business, our vast experience and expertness in providing products meeting such purposes has been weel recognized in the comprehensive areas of the field, including Ferry, LNG, LPG, FPSO, RIG, Offshore and so on.

As one of our diversification policy, we have developed completes solutions for fire safety devices for vessels, including pneumatic electric/ fire dampers and fusible type/ electric magnet type fire shutters.
Approved by major regulatory bodies such as LR, DNV, ABS, KR, NK, GL, BV and CE, they have been supplied to many shipyards with favorables who help and be helped by the evergrowing history of Korean shipbuilding market

We promise that we'll constantly expert our efforts to provide more strong, elegant and ergonomics fumiture for your comforts, and more robust and secure fire devices for your safety. "The company belleved in, and revisited by customers" our principle has been and will be

Thank you.

Sincerely Yours.
Bong Dae Lee

B. Dae Lee

President
DAEJIN industries Co.,Ltd

Introduction

For decades, DAEJIN Industries Co., Ltd. has developed and supplied various types of dampers, which are effectively designed for air conditioning and ventilation systems in marine and offshore projects.

DAEJIN Dampers have been developed in compliance with the latest SOLAS regulations, and tested/approved for class A-0~A-60 divisions according to IMO Resolution A.754(18).

DAEJIN Dampers are constructed robust and corrosion-resistive, guaranteeing their long life span in harsh marine/offshore environments with large thermal/humid ranges, and precise operation even after suspended positioning at one state for long period of time. The dampers are easy to install/disassemble in a limited space, and give best accessibility for maintenance purposes after installation. Also various control options are provided to meet a wide range of customer requirements.

DAEJIN Dampers are designed and produced under the ISO9001 Standards qualified quality system.

TYPE APPROVAL CERTIFICATE FOR FIRE DAMPER

TYPE	CERTIFICATE	CLASS									
		KR	LR	ABS	DNV	USCG	GL	BV	NK	TC	MED
RECTANGULAR FD01 MIN(300×300) MAX(900×400)	CERT NO	GCH00834-FP002	SAS F020195	00-BK-53703-X	MED-B-2631		15207-99HH	09454/AO BV	01EQ198FPA	T.C.194.J1.060	MED-D-300
	ISSUE DATE	04-03-15	02-05-07	00-10-30	04-10-16		04-08-30	99-11-26	01-10-16	04-07-28	
	EXPIRATION DATE	09-03-07	07-05-06	05-10-30	09-10-19		09-08-29	04-11-26	06-10-15	09-07-31	01-10-20
WALL TYPE FD11 (450×600)	CERT NO	GCH00834-FP003	SAS F010349	00-BK-53703-X	MED-B-2632		15208-99HH	11859/AO BV	01EQ154FPA		MED-D-301
	ISSUE DATE	04-03-15	01-11-06	00-10-30	04-10-16		04-08-30	02-09-10	01-07-09		
	EXPIRATION DATE	09-03-07	06-11-05	05-10-30	09-10-19		09-08-29	07-09-10	06-07-08		04-10-20
SHUTTER FS02 (1840×1500)	CERT NO	BSN00834-FP006	SAS F020102		MED-B-1644			03927/C1 BV			MED-D-301
	ISSUE DATE	02-07-04	02-02-22		02-07-11			02-09-19			
	EXPIRATION DATE	07-07-03	07-02-21		07-07-11			05-03-15			07-07-10
PNEUMATIC A-0 PD01 (REC.TYPE) MIN(150×200) MAX(1500×2000)	CERT NO	BSN00834-FP004	SAS F010347	00-BK-53703-X	MED-B-1610		40959-01HH	09920/AO BV			MED-D-300
	ISSUE DATE	01-07-30	01-08-22	00-10-30	02-07-09		01-11-29	01-08-23			
	EXPIRATION DATE	06-07-29	06-08-21	05-10-30	07-07-09		06-11-15	06-08-23			07-07-09
PNEUMATIC A-0 PD02 (ROUND.TYPE) MIN(∅200) MAX(∅500)	CERT NO	BSN00834-FP005	SAS F010348		MED-B-1642		40958-01HH				MED-D-300
	ISSUE DATE	01-07-30	01-08-22		02-07-09		01-11-29				
	EXPIRATION DATE	06-07-29	06-08-21		07-07-09		06-11-15				07-07-09
PNEUMATIC A-60 PD60-01-1 (REC.TYPE) MIN(150×150) MAX(1000×1000)	CERT NO	GCH00834-FP007	SAS F040050	00-BK-53703-X	MED-B-2056	164.139/3/0					MED-D-300
	ISSUE DATE	03-11-10	04-02-12	04-02-10	00-10-08	03-11-28					
	EXPIRATION DATE	08-11-09	09-02-11	09-02-10	08-10-08	08-11-28					08-10-08
PNEUMATIC A-60 PD60-02-1 (ROUND.TYPE) MIN(∅114) MAX(∅500)	CERT NO	GCH00834-FP007	SAS F040049	00-BK-53703-X	MED-B-2057	164.139/3/0					MED-D-300
	ISSUE DATE	03-11-10	04-02-12	04-02-10	03-10-08	03-11-28					
	EXPIRATION DATE	08-11-09	09-02-11	09-02-10	08-10-08	08-11-28					08-10-08
SPIRAL A-0 FDPR-01 MIN(∅80) MAX(∅500)	CERT NO	GCH00834-FP009	SAS F040048	00-BK-53703-X	MED-B-2242		20143-04HH				
	ISSUE DATE	04-04-06	04-02-10	04-02-27	04-03-04		04-02-10				
	EXPIRATION DATE	09-04-05	09-02-09	09-02-27	09-03-04		09-02-09				

PRODUCTS FLOW OF DAMPER

sharing | CNC Punching | Bending | Welding | Assembly | Shot | Painting | Stock

DaeJin

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