

NAMKWANG ENGINEERING

DAMPER

- *Leakless Damper*
- *Butterfly Damper*
- *Tandem Damper*
- *Louver Damper*
- *Diverter Damper*
- *Guillotine Damper*
- *Stack Damper*
- *Flap Damper*
- *Others*



Quality product & Professional service



Quality Product & Professional Service

CONTACT

Address: 601-25, Songsanpodo-ro, Songsan-myeon, Hwaseong-si, Gyeonggi-do, Korea

Phone: +82-31-496-8860

E-mail : nksupport@korea.com

Website : www.damper.co.kr



Introduction

Since its establishment in 1995, Namkwang Engineering is positioning itself as a specialized company for industrial dampers that control the amount of exhaust gas in the fields of marine propulsion, power plants, environmental facilities, and chemical plants.

It has been continuously developing its relationship with its customers and provide dampers for various fields working with not only domestic but also global companies to provide its own technology.

Namkwang Engineering provides a wide range of dampers depending on each customer's requirement including butterfly damper, louver damper, leakless damper, stack damper, diverter damper, guillotine damper, tandem damper, and more.

Especially, Namkwang Engineering was successful at developing dampers for SCR & Scrubber system used in marine propulsion field, responding to the IMO (International Maritime Organization) regulations on Sulfur Oxides (SOx) emissions.

Namkwang Engineering will continuously cooperate with its customers to meet its motto "Quality Product & Professional Service".

CEO *Sang-kil Lee*

History

- 1997. 05 Company founded in Incheon
- 2001. 03 Change of company name (Namkwang Engineering)
Company incorporated
- 2001. 04 Trade business registered
- 2001. 08 Establishment of affiliated research institute
Joined Korea Industrial Technology Association (KOITA)
- 2002. 05 ISO 9001 Certification
- 2003. 01 Company relocate to Sihwa, Gyeonggi-do
- 2006. 10 INNOBIZ Certification
- 2007. 08 ISO 14000 Certification
- 2008. 04 Certification of Venture Company / Joined Korea Venture
Business Association
- 2008. 10 Selected as a promising small and medium-sized
enterprise by the Gyeonggi Provincial Government
- 2009. 06 Registered as a repair & maintenance company of KOEN,
KOSPO, EWP, KOWEPO and KOMIPO
- 2009. 06 Selected as a small and medium-sized enterprise for
promising export by Ministry of SMEs and Startups
- 2009. 06 European CE certification for dampers
- 2010. 02 Certified as a Parts & Materials Professional
Enterprise(MKE)
- 2015. 07 Company relocated to Hwaseong, Gyeonggi-do
- 2017. 04 Risk Assessment certification

www.damper.co.kr

CERTIFICATIONS & PATENTS

ISO



CERTIFICATIONS

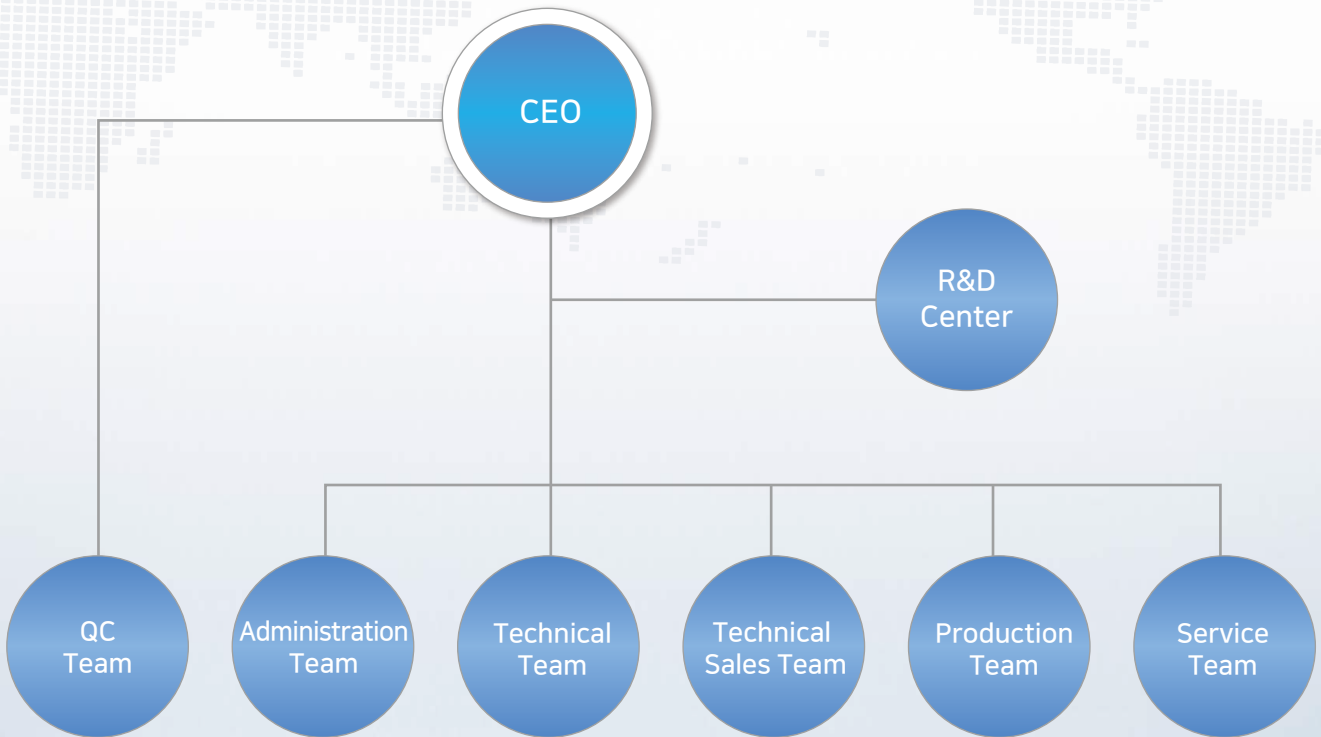


PATENTS



NAMKWANG ENGINEERING CO.,LTD.

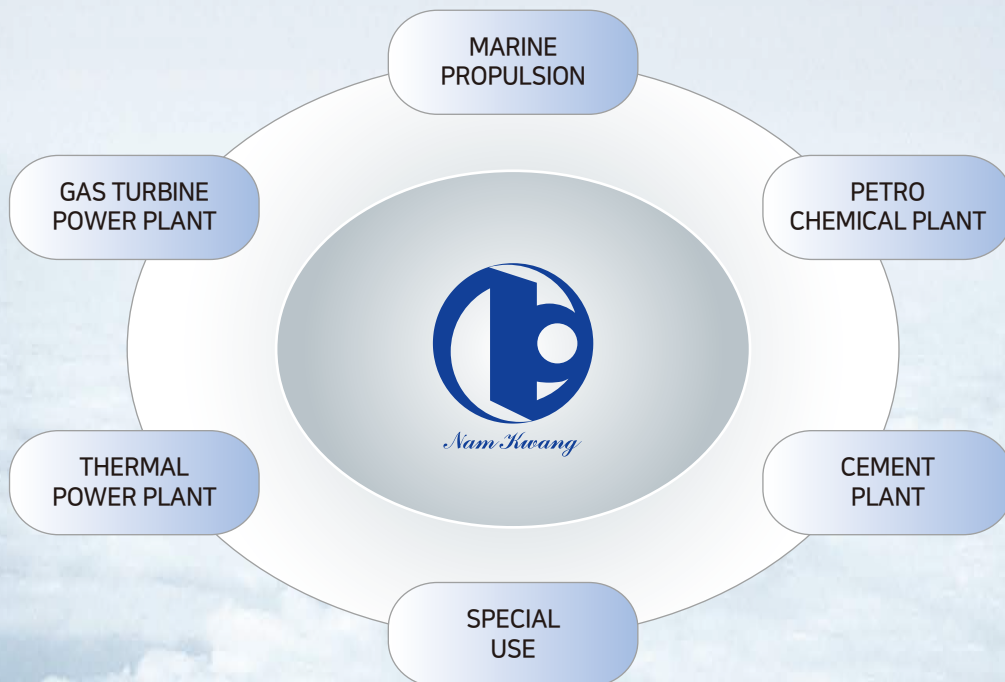
Organization



MAJOR CUSTOMERS

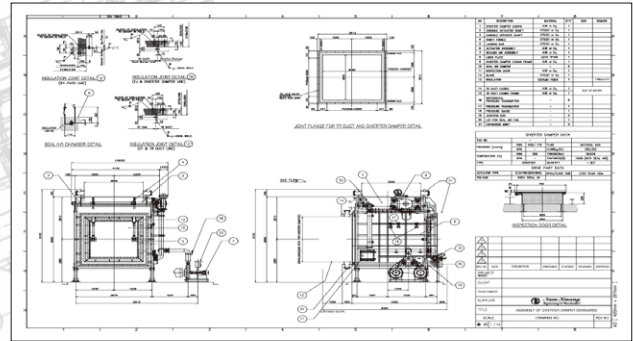
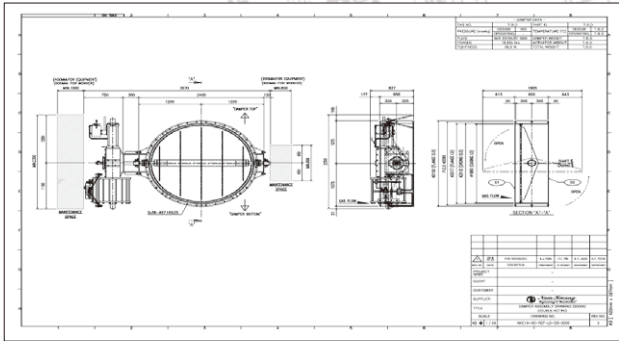


MAJOR APPLICATIONS

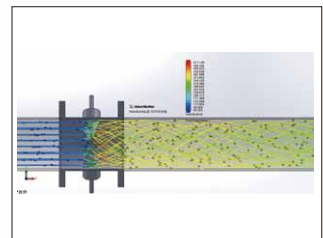
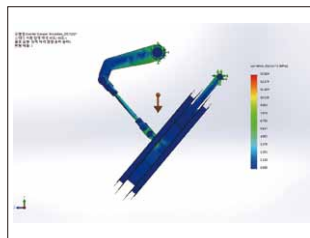
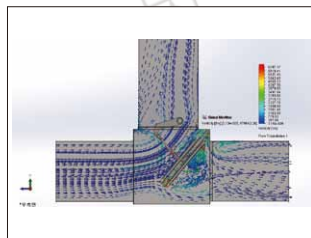
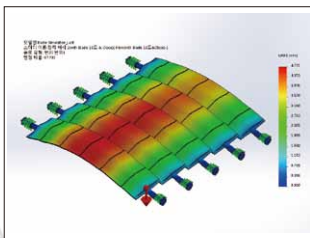


Services

■ PRODUCT DESIGN & ENGINEERING



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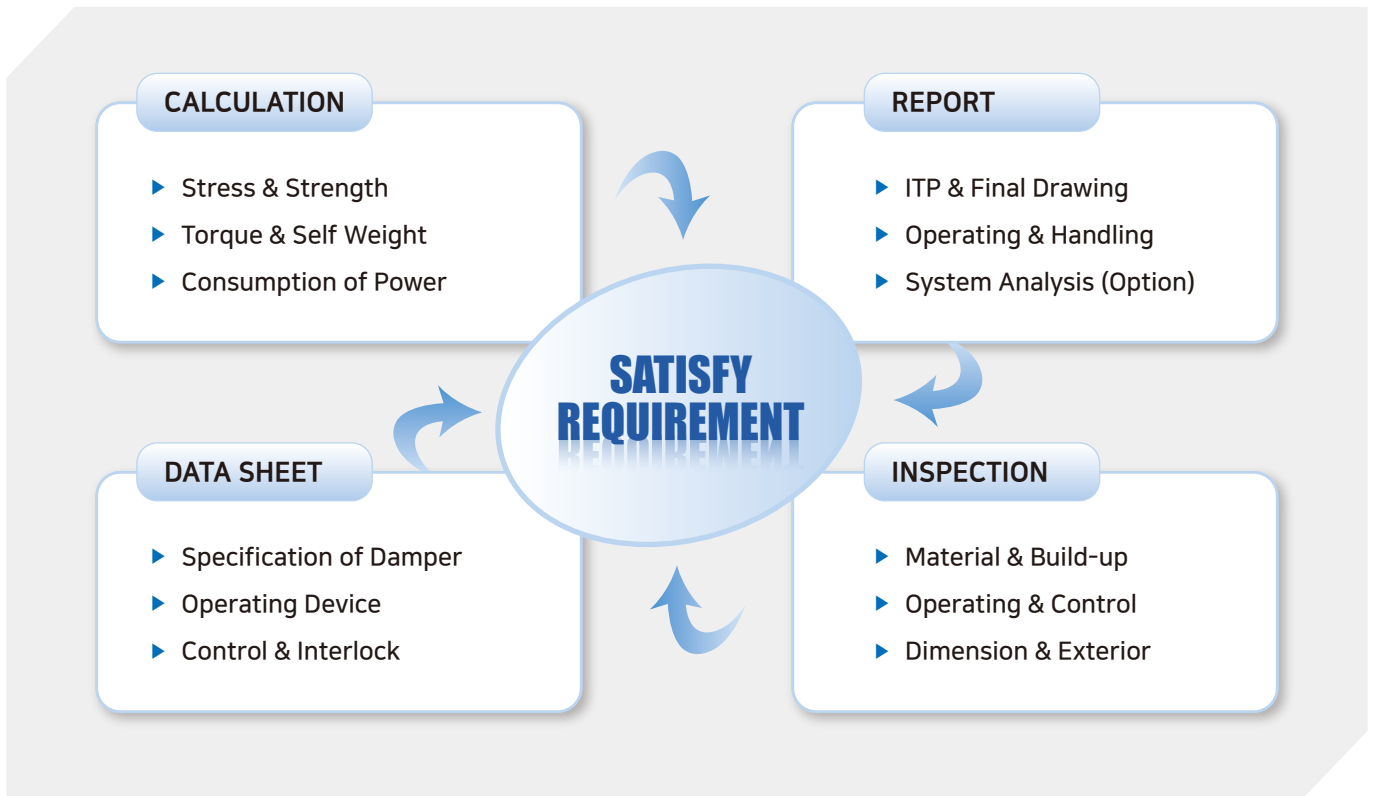
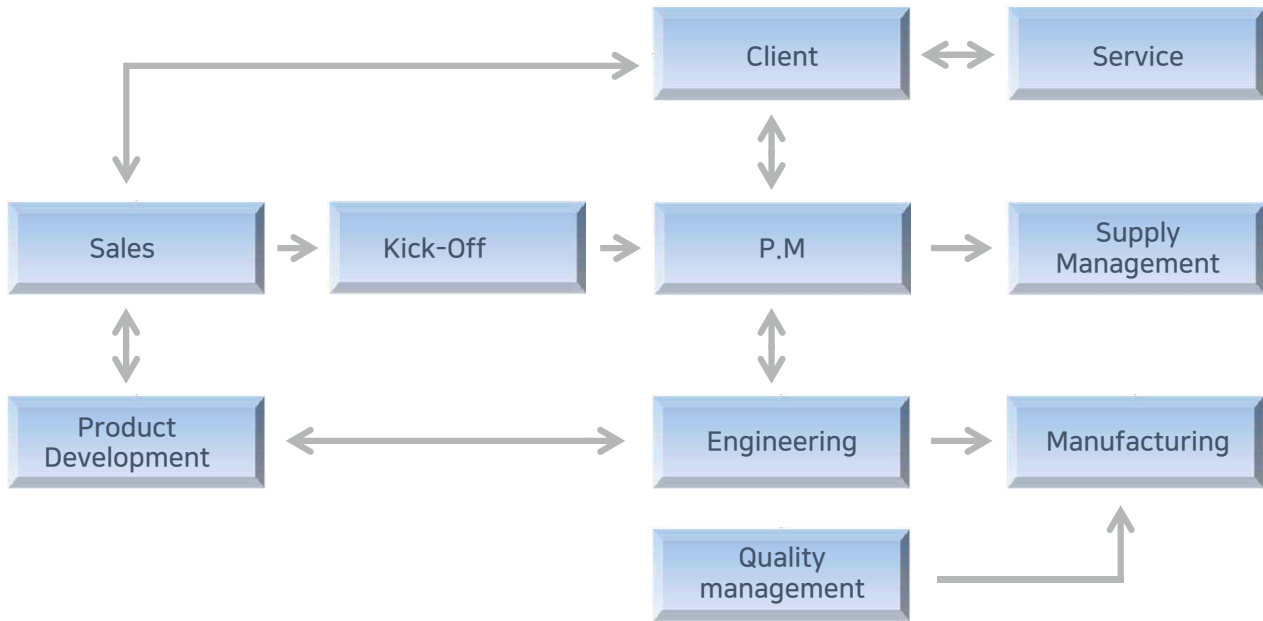


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■ MANUFACTURING PROCESS



Process Chart



Marine Proplulsion

■ CONTROL VALVE FOR SCR SYSTEM

Feature :
Provides a sealing efficiency of 99.99% with eccentric blade design and soft seal packing.



■ LOUVER DAMPER

Feature : Widely used for fast isolation, by-pass, and modulation of gas flow.
Requires relatively small force to operate with short operating time.

■ BUTTERFLY VALVE FOR SCR SYSTEM

Feature : Cost-effective with simple design with metal-metal or elastic seal.



■ TANDEM DAMPER FOR SCRUBBER SYSTEM

Feature : Provides a sealing efficiency of 100% with "Seal Air System".
Seal air is applied between the two layers of the damper and provides perfect sealing where needed.



Gas Turbine Power Plant

■ DIVERTER DAMPER

Feature : Provides two-sided gas outlet for by-pass system in HRSG. Designed to withstand dynamic and static operating stressed during turbulent flow as well as the high temperature within the duct with interna insulation. Two-sided seals are mounted around the blade providing a sealing efficiency over 99.95% on duct sectional area or 100% isolation with seal air.



■ GUILLOTINE DAMPER

Feature : Requires small installation space and used for gas isolation in duct. Installed between diverter damper and HRSG system to block any gas flows to the HRSG side. Allows safety during inspection and maintenance.



■ STACK DAMPER

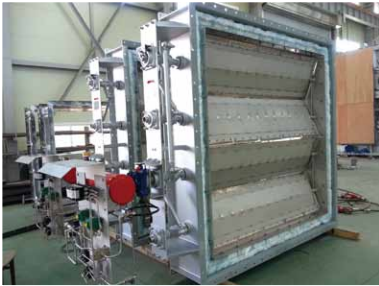
Feature : Multi-purpose use to prevent heat loss from HRSG and prevent rain to enter inside bypass stacks. Releases pressure in case of pressure build-up inside stack.



Thermal Power Plant

■ SINGLE LOUVER DAMPER

Feature : Widely used for fast isolation, by-pass, and modulation of gas flows. Requires relatively small force to operate with short operating time.



■ DOUBLE LOUVER & TANDEM LOUVER DAMPER

Feature : Provides 100% of sealing efficiency with "Seal Air System". Seal air is applied between the damper blades to provide perfect isolation of gas.



■ GUILLOTINE

Feature : Requires small installation space and used for gas isolation in duct with low pressure drop across the wide-open damper.



Petrochemical

■ STACK DAMPER

Feature : Provides two-sided gas outlet for by-pass system in HRSG. Designed to withstand dynamic and static operating stressed during turbulent flow as well as the high temperature within the duct with internal insulation. Two-sided seals are mounted around the blade providing a sealing efficiency over 99.95% on duct sectional area or 100% isolation with seal air.



■ BUTTERFLY&LOUVER DAMPER

Feature : Requires small installation space and used for gas isolation in duct. Installed between diverter damper and HRSG system to block any gas flows to the HRSG side. Allows safety during inspection and maintenance.

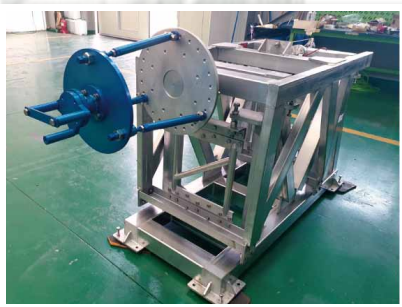
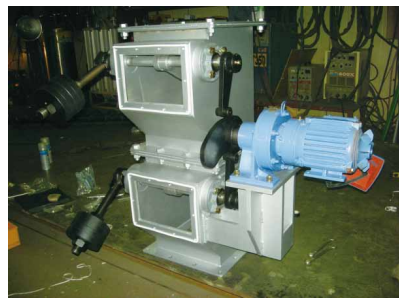


■ GUILLOTINE DAMPER

Feature : Multi-purpose use to prevent heat loss from HRSG and prevent rain to enter inside bypass stacks. Releases pressure in case of pressure build-up inside stack.



Cement Plant & Others





*A global leader based on quality products
and professional services.*



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