

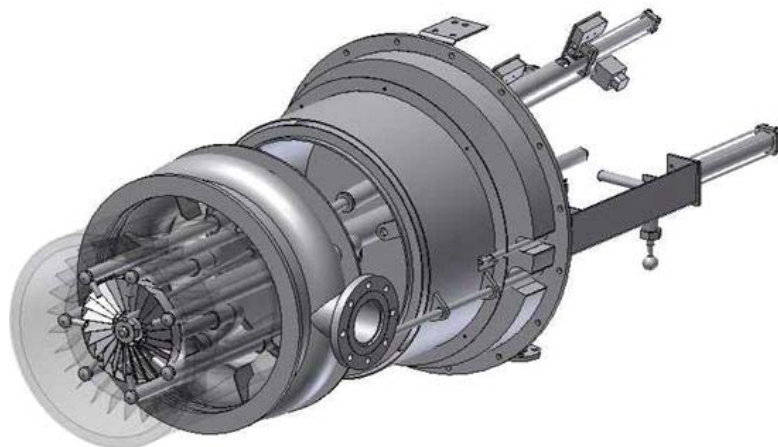
DATASHEET



HXG Venturi Burner Oil/Gas Dual Fuel Burner for LNG Carriers

Features

- Highly stable flame with premix/outermix gas nozzle arrangement
- Low O₂ and high intensity combustion
- Compact flame geometry
- Excellent turn-down
- Single or dual fuel operation
- No refractory-stainless steel throat
- Extremely low atomising steam consumption
- Extensive reference list
- Supervision and commissioning service
- Demonstration trails possible
- Compliance to all major classification societies
- Worldwide support, spares and aftersales service



Ancillary Equipment

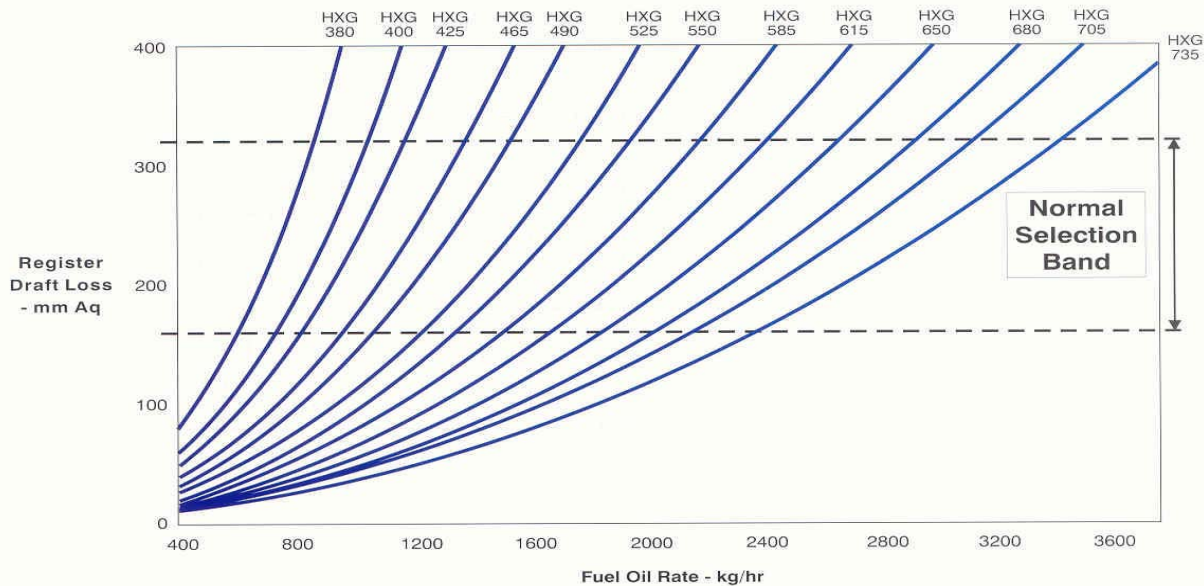
(All ancillary equipment is designed and manufactured by Hamworthy Combustion)

- Direct high energy igniters
- Valves
- Flame scanners (dual UV/IR type)
- Controls
- Instrumentation



Typical weight of burner – 400-500kg (dependant on size)

HXG Burner Selection Curves Fuel Oil versus Register Draft Loss



Combustion Air Temperature: 120-130°C

Excess Air at MCR: 10%

Fuel Oil: Heavy to 700 cST @ 50°C

For further information on combustion equipment please contact the head office:

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Hamworthy Combustion Engineering Limited reserve the right to make changes and improvements which may necessitate alteration to the specification without prior notice

HAMWORTHY
 COMBUSTION

Incorporating:

PEABODY ENGINEERING
 AIROIL - FLAREGAS
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