



SPARK 35 DSG 50Hz

Code: 3076010

Series: SPARK DSG

Technical and functional features

- Light oil burners.
- Two-stage operation (high/low flame).
- Compatible with any type of combustion chamber.
- High pressure mechanical atomisation of fuel using nozzle.
- Ability to obtain optimal combustion values by regulating combustion air and blast-pipe.
- Maintenance facilitated by the fact that the atomisation unit can be removed without having to remove the burner from the boiler.
- Air flow regulation for first and second stage by means of electric servomotor with pause closure of gate to prevent any heat dispersion to flue.
- Comes with 4 and 7-poles connectors, 2 flexible oil pipes, 2 nozzles, 1 oil filter, 1 flange and 1 insulating seal to connect the burner to the application.

Design features

- Light aluminium alloy fan part.
- High performance centrifugal fan.
- Combustion air inlet with device to adjust the air flow.
- Sliding boiler coupling flange to adapt the head protrusion to the various types of boilers.
- Adjustable blast-pipe with stainless steel nozzle and deflector disk in steel.
- Monophase electric motor to run fan and pump.
- Noise insulation.
- Gear pump with pressure regulator and fuel stop-cock valves.
- Sequence controller - EN 230..
- Photoresistance flame scanner.
- 7 pole outlet for burner electrical and thermostat supply, and 4 pole outlet for second stage control.
- Electrical plant protection rating IP40.
- Sound-proof plastic protective cover (except the W version).

Available version on request

- Blast-pipe with greater than standard protrusion for biodiesel.

Technical Data - SPARK 35 DSG 50Hz:

Minimum Rated output	178	kW
Maximum Rated output	391	kW
Minimum light oil flow rate	15	kg/h
Maximum light oil flow rate	33	kg/h
Fuel max viscosity	1.5	°E
Motor rated power	0.37	kW
Electric Power Supply Phase	1	N
Electric Power Supply Frequency 1	50	Hz
Electric Power Supply Current	AC	
Electric Power Supply Voltage	230	V
Width	490	mm

Height	385	mm
Depth	810	mm
Weight	27	kg
Pack Width	980	mm
Pack Height	480	mm
Package depth	540	mm
Weight of Packaging	36	kg