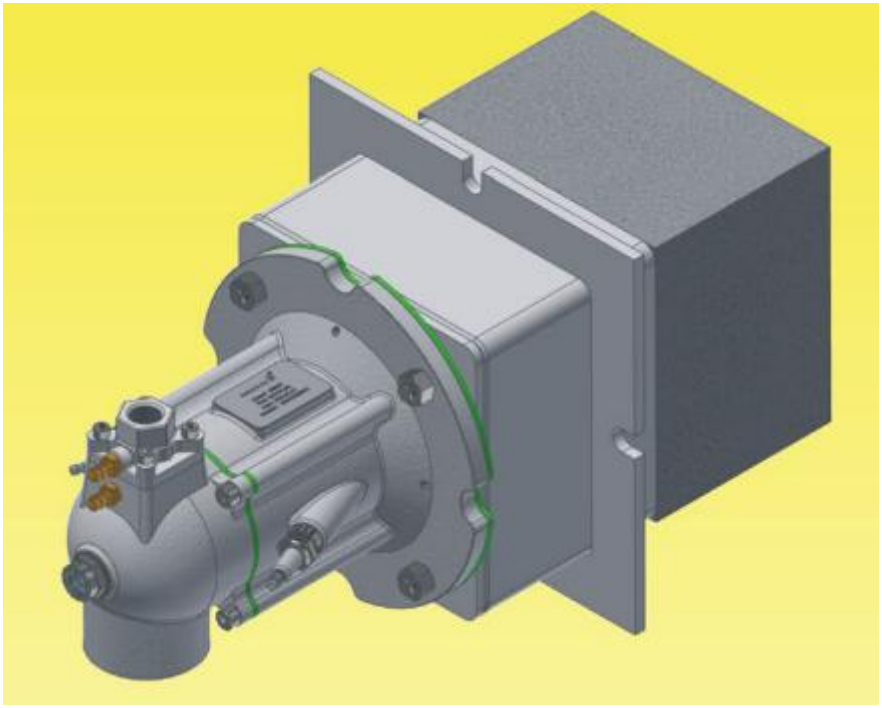
# ANX-C/M

# Burner



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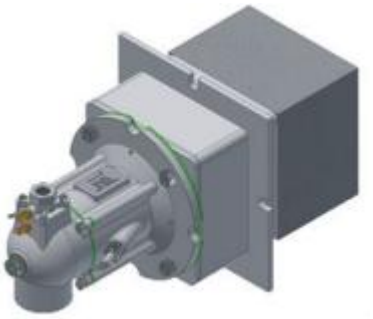
**ANX-C/M Aeries Burner**

Low nitrogen, ultra-high speed, large regulation ratio

Features

- ANX-C/M Aeries Burner is suitable for applications that enhance combustion gas recycling, improve efficiency, improve temperature uniformity and greatly reduce emissions.
- ANX-C/M Aeries Burner includes medium, high-speed and ultra-high speed flame modes, and the combustion chamber is made of refractory burner brick.
- ANX-C/M Aeries Burner adopts delayed mixing cup structure to delay the mixing process of air and gas in the combustion chamber and reduce the flame temperature in the combustion chamber. At the same time, the faster flame outlet velocity entraps a large amount of flue gas in the furnace, which effectively reduces the formation of nitrogen oxides.
- ANX-C/M Aeries Burner has a load regulation range up to 1:22 and has a strong capacity for air and gas overcapacity.
- ANX-C/M Aeries Burner allows the use of ambient temperature air and preheated combustion air.
- ANX-C/M Aeries Burner is suitable for natural gas, liquefied gas, coke oven gas and other combustion media.



Applications

- Push Steel Heating Furnace
- Walking Heating Furnace
- Stainless Steel Strip Continuous Annealing Furnace
- Trolley Type Heating Furnace
- Bottom Type Low Temperature Tempering Furnace
- Annular Heating Furnace.
- Chamber Heating Furnace

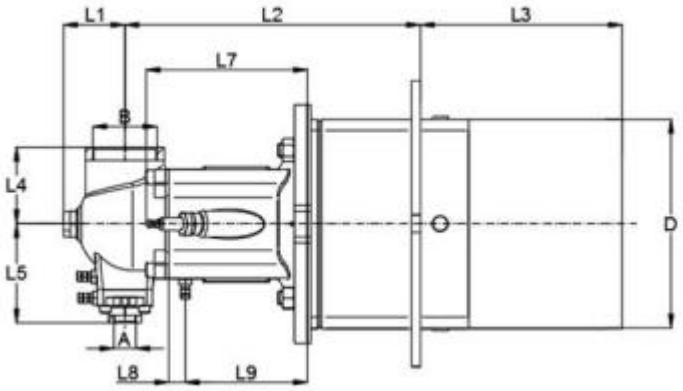
Product Description

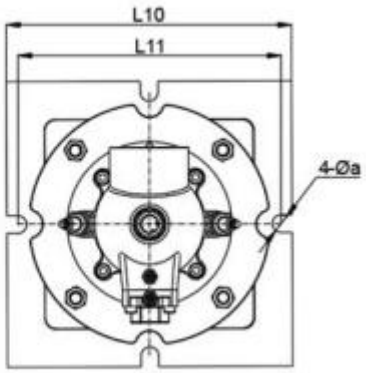
- Air shell: Q235
- Material material for air inlet pipe: Q235
- Applied maximum furnace temperature: 1200°C
- Fire pipe material: SUS 310S
- Combustion Chamber Material: Burner brick
- Combustion head: SUS 310S
- Fixed flange: Q235
- Maximum preheating air temperature: 450°C
- Power: 66~1240KW
- Air inlet pressure: 46mbar
- Gas inlet pressure: 32mbar
- Fuel: NG /COG
- Adjustment ratio: 1: 22

Ignition and Flame Monitoring

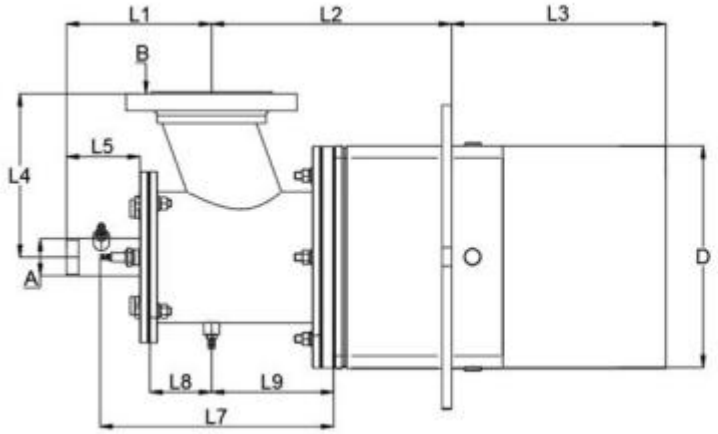
- The ignition of the burner can be realized by the ignition electrode (Model EN or WAND).
- UV ultraviolet and ion electrodes can be selected for flame detection.
- When the burner is used in the furnace where the temperature is lower than 750 °C, it is recommended to install a flame detection system.

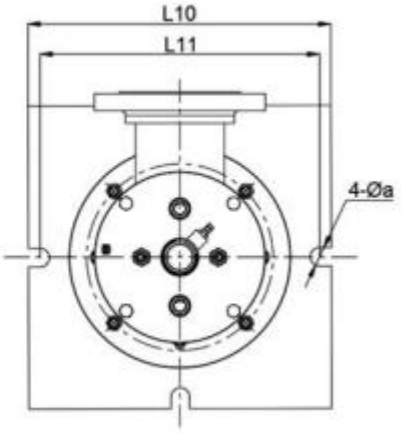
Installation Dimensions of Burner




| Model | Maximum Power/KW | Dimension/mm | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | A | B | L1 | L2 | L3 | L4 | L5 | D | L7 | L8 | L9 | L10 | L11 | a |
| ANX-C/M-66 | 66 | Rp3/4 | Rp1 1/2 | 35 | 82 | 225 | 56 | 66 | 191 | 110 | 23 | 84 | 254 | 228 | 12 |
| ANX-C/M-108 | 108 | Rp3/4 | Rp2 | 35 | 82 | 276 | 56 | 66 | 273 | 110 | 23 | 84 | 336 | 310 | 12 |
| ANX-C/M-185 | 185 | Rp1 | Rp2 | 52 | 81 | 284 | 70 | 84 | 273 | 132 | 41 | 103 | 336 | 310 | 14 |
| ANX-C/M-185 | 265 | Rp11/2 | DN65 | 52 | 95 | 283 | 70 | 84 | 330 | 132 | 41 | 103 | 393 | 367 | 14 |




| Model | Maximum Power/KW | Dimension/mm | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | A | B | L1 | L2 | L3 | L4 | L5 | D | L7 | L8 | L9 | L10 | L11 | a |
| ANX-C/M-343 | 343 | Rp1 1/2 | DN80 | 95 | 126 | 283 | 62 | 80 | 330 | 135 | 72 | 126 | 393 | 367 | 14 |
| ANX-C/M-425 | 425 | Rp 2 | DN100 | 120 | 154 | 338 | 74 | 90 | 330 | 152 | 88 | 154 | 393 | 367 | 14 |
| ANX-C/M-554 | 554 | Rp 2 | DN100 | 120 | 154 | 338 | 74 | 90 | 330 | 152 | 88 | 154 | 393 | 367 | 14 |