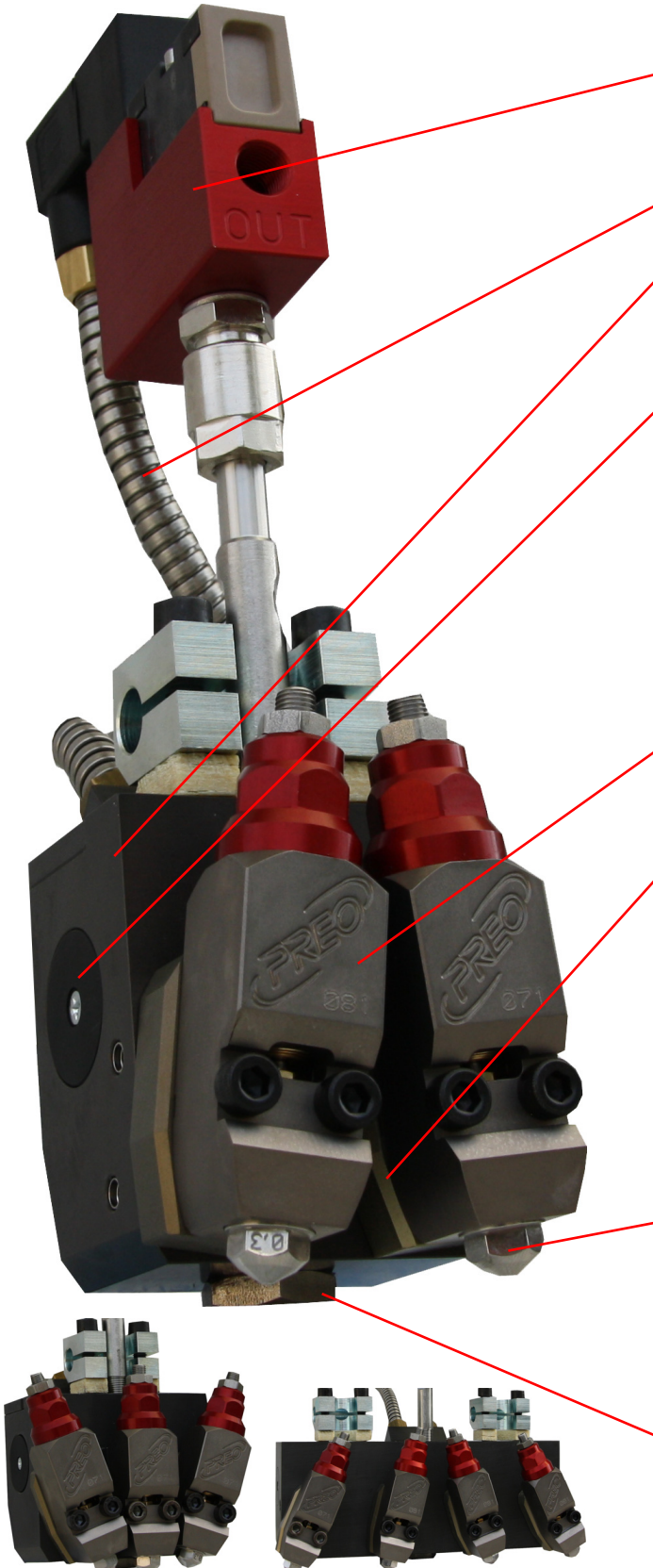




The REVOLUTION Gun Series equipped with modules with different types of centre diameters, provide the best solution for each gluing problem and thanks to their small size and versatility can replace the common standard multi-module guns with fixed centre distances. The Revolution's main features are: speeds up to 6.000 cycles/minute, AMX45 module with double interchangeable gasket cartridge, Zero Cavity self-cleaning nozzle, protective non-stick casing coating, integrated glue filter which is removable without disassembling the hose. A wide and complete range of models makes it possible for even most demanding Customers to find the best solutions for any gluing need.



**SOLENOID VALVES**

In addition to standard solenoid valves, Preo has developed a new model that is ranked at the top of the market offer. Depending on the applications required, this valve can deliver the highest-level solution for tasks that require low energy consumption, high-speed application and small size and weight.

**ELECTRICAL CONNECTIONS**

Removing the electrical kit is easy, simple and safe.

**GUN CASING**

The casing is built in "Ergal", an aluminium alloy that considerably improves the product's resistance to mechanical stress. The hard oxide cover makes gun cleaning and maintenance quick and easy.

**THERMAL-HEATING**

The gun is heated with highly reliable heating coils controlled by extremely precise sensors.

**AMX 45 MODULE**

All guns are equipped with a new AMX 45 Series module that ensures precise, regulated glue application. This level of performance was possible only because of the special attention dedicated during the design and construction phases. The most important aspect of the AMX 45 module is its innovative gasket system with the double interchangeable cartridge, which guarantees a perfect seal at high pressures and temperatures in addition to simple, inexpensive, and long-lasting maintenance.

**MODULES WITH DIFFERENT CTR**

These guns main feature is the possibility to modify the centre diameter through the simple module rotation (directly online and with the gun in temperature); this allows to fulfil many different applications using one only gun. The advantage consists in a high flexibility with a consequent time saving in maintenance, spare parts and line stop.

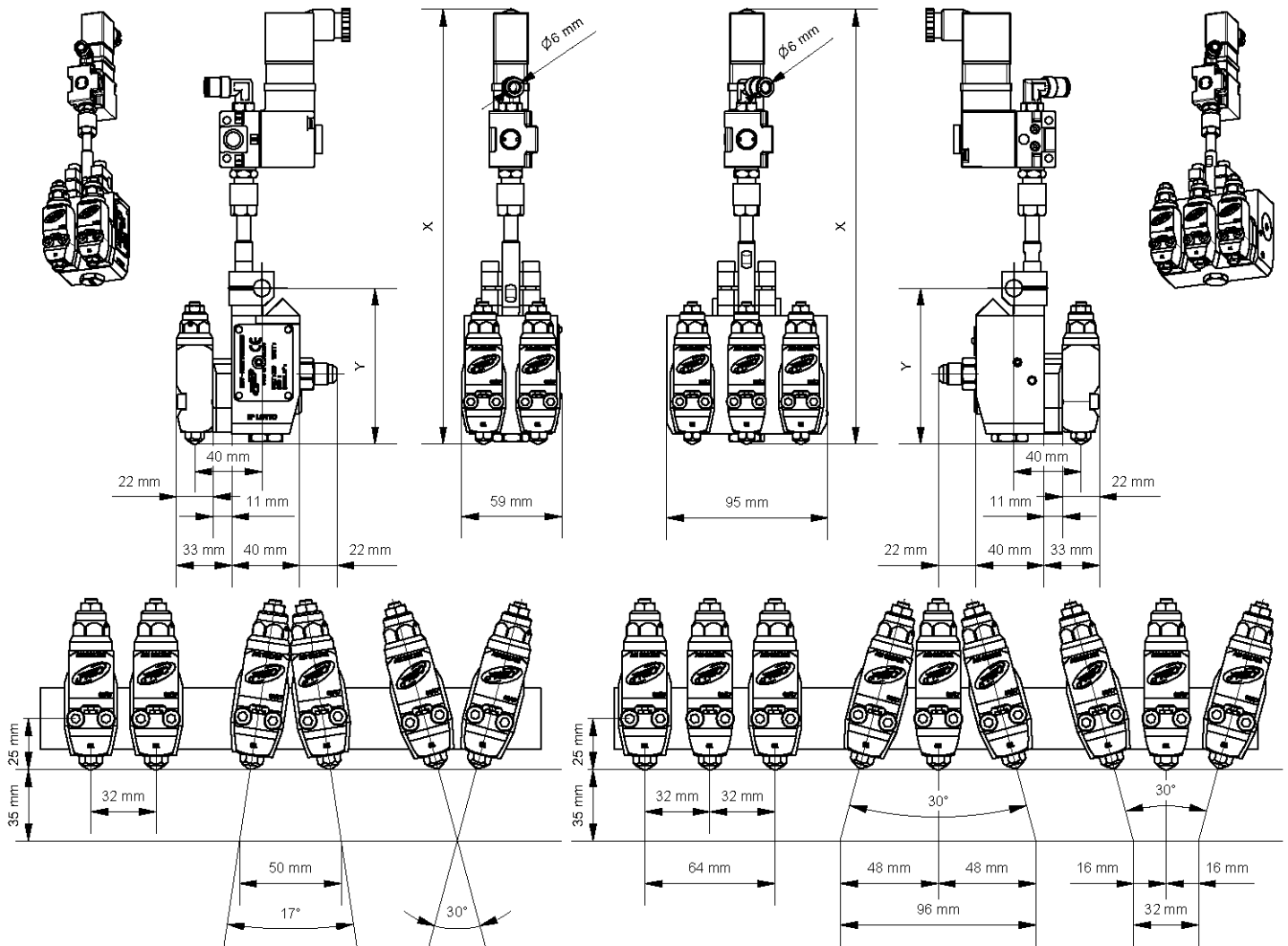
**NOZZLE**

The gun is supplied with stainless steel Zero-Cavity self-cleaning nozzles, available with a minimum diameter of 0.25 mm to a maximum of 1.2 mm. Zero-Cavity is the term used for the cut-off that directly closes the nozzle hole, eliminating any possible impurities and guaranteeing the constant cleanliness of the nozzle and a properly working system. The wide range of nozzles includes several configurations and special designs, based on the Customer's needs. Important technical features are: highest level of resistance to wear and tear, thermal conductivity and construction geometry ensuring same reliability as the traditional Zero Cavity nozzles also if using multi-vein nozzles.

**GLUE FILTER**

This guarantees better distribution of the glue and prevents nozzles from clogging due to the presence of impurities in the glue. The filter is integrated into the casing and is easily accessible and can be quickly replaced without disassembling the hose.

## TECHNICAL SPECIFICATIONS



## GENERAL SPECIFICATIONS

VERSION	G0SFA02KV0	G0SFA02LV0	G0SFA02KV1	G0SFA02LV1	G0SFA03KV0	G0SFA03LV0
DIMENSIONS (X)	229 mm	246 mm	256 mm	273 mm	228 mm	245 mm
DIMENSIONS (Y)	91 mm	108 mm	91 mm	108 mm	91 mm	108 mm
WEIGHT	1100 gr	1100 gr	1150 gr	1150 gr	1300 gr	1300 gr
FASTENING	mounting bracket with hole diameter mm 10-12-12,7-14					
ADHESIVE TYPOLOGY AND VISCOSITY	hot-melt up to 100.000 Cps					
OPERATING TEMPERATURE	50°C+210°C (120°F+410°F) standard version - 50°C+230°C (120°F+450°F) HT high temperature version					
TEMPERATURE CONTROL	PT100 ±0,5°C (1°F) - RTD or Ni120 (on request)					
HEATING	cartridge element					
GUN BODY	coated with hard oxidation treatment and glue filter integrated					
NOZZLES	1-2-3-4 ways with minimum diameter 0,25 mm					

## ELECTRICAL SPECIFICATIONS

VOLTAGE	1/N/PE AC 230 V ±10% 50/60 Hz
POWER CONSUMPTION	200 W (0,9 A)

## PNEUMATIC SPECIFICATIONS

MAXIMUM CYCLE RATE	6000 cycles/minute
WORKING PRESSURE	6 bar
SOLENOID VALVE WATTAGE	2,5+17,1 W
SOLENOID VALVE VOLTAGE	24 V (special voltages on request)
MAXIMUM WORKING PRESSURE	55 bar

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