



AM.66... MODULAR COMPENSATED FLOW CONTROL ASSEMBLY CETOP 3



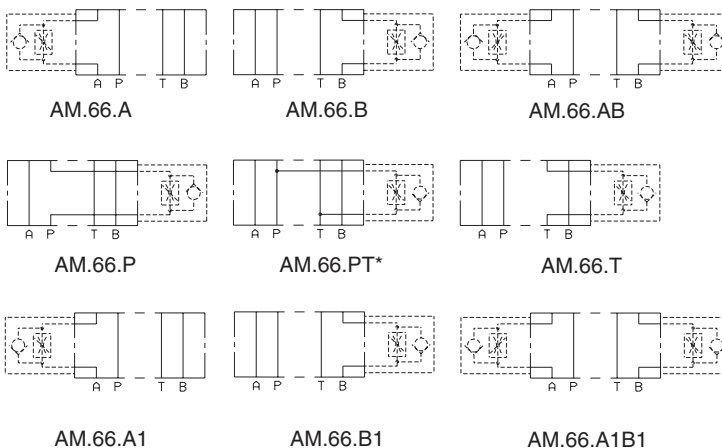
This is an intermediate block (AM.66) for modular mounting of one or two flow rate regulators type QC.3...

The flow regulator type QC.3.2... must be ordered separately.

| | |
|--------------------------|---|
| Max. operating pressure | 320 bar |
| Hydraulic fluids | Mineral oils DIN 51524 |
| Fluid viscosity | 10 ÷ 500 mm ² /s |
| Fluid temperature | -25°C ÷ 75°C |
| Ambient temperature | -25°C ÷ 60°C |
| Max. contamination level | class 10 in accordance with NAS 1638 with filter $\beta_{25} \geq 75$ |
| Weight | 1,3 Kg |

| | |
|------------------|----------------|
| AM.66... | CH. III PAGE 2 |
| QC.3.2... | CH. IV PAGE 21 |
| SCREWS AND STUDS | |

HYDRAULIC SYMBOLS



PT * = From line towards exhaust (**P**→**T** drain)

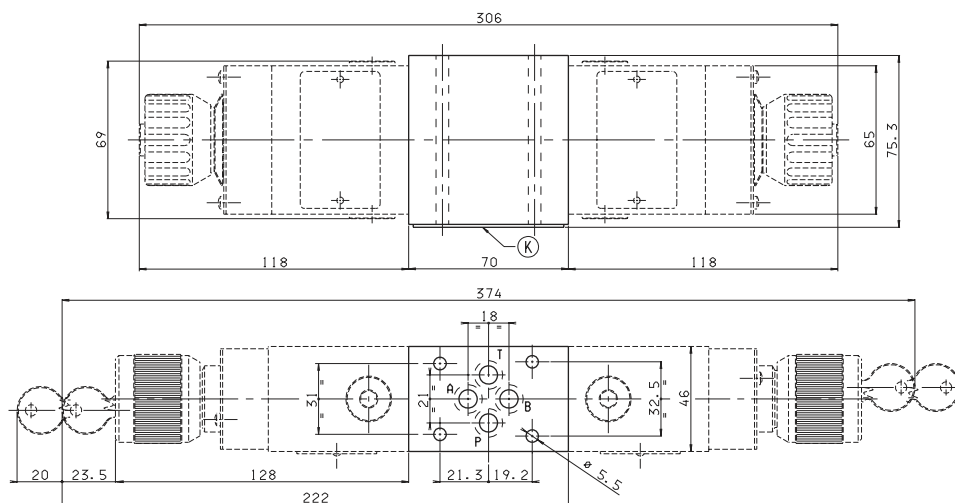
• In order to obtain versions with regulation on **T**, the AM.66.P regulator carrying block should be turned by 180°.

• In order to obtain versions **A1**, **B1** and **A1B1** the AM.66.B, AM.66.A or AM.66.AB regulators carrying block should be turned by 180°.

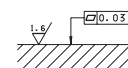
ORDERING CODE

| | |
|-----------|--|
| AM | Modular valve |
| 66 | Size |
| ** | Control on lines A / B / P / PT* / AB For T / A1 / B1 / A1B1 versions see table "Hydraulic symbols" |
| ** | 00 = No variant V1 = Viton |
| 3 | Serial No. |

OVERALL DIMENSIONS



Support plane specifications



A.66... MODULAR FLOW CONTROL VALVES FAST / SLOW ASSEMBLY CETOP 3



| A.66... | |
|---------------------|----------------|
| "D15" DC COILS | CH. I PAGE 67 |
| "K12" AC COILS | CH. I PAGE 18 |
| STANDARD CONNECTORS | CH. I PAGE 19 |
| QC.3.2... | CH. III PAGE 2 |
| SCREWS AND STUDS | CH. IV PAGE 21 |

This is modular assembly ON/OFF solenoid valve which, by fitting suitable 2 way regulator, allows two speed operation in the same system via an electrical changeover command.

The flow rate regulator type QC.3.2... must be ordered separately. The operational limit curves have been obtained with the regulator fully closed, and those same limits improve gradually with the opening of the regulator
• Solenoids used are standard type D15 for DC voltage and K12 for AC voltage.

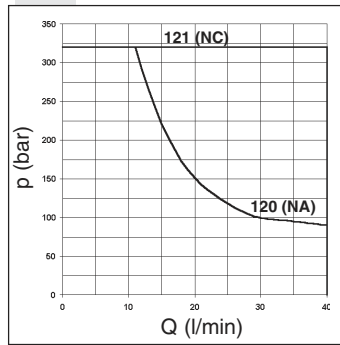
| | |
|----------------------------|---|
| Max. operating pressure | 320 bar |
| Hydraulic fluids | Mineral oils DIN 51524 |
| Fluid viscosity | 10 ÷ 500 mm ² /s |
| Fluid temperature | -25°C ÷ 75°C |
| Ambient temperature | -25°C ÷ 60°C |
| Max. contamination level | class 10 in accordance with NAS 1638 with filter $\beta_{25} \geq 75$ |
| Weight with an AC solenoid | 2,2 Kg |
| Weight with a DC solenoid | 2,4 Kg |

The test have been carried out at operating temperature, with a voltage 10% lower than rated voltage and with a fluid temperature of 50 degrees C. The fluid used was a mineral based oil with a viscosity of 46 mm²/s at 40 degrees C.

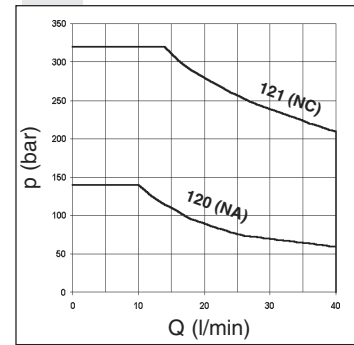
ORDERING CODE

| | |
|------------|---|
| A | Speed control valve |
| 66 | Size |
| E | Electrical operator |
| *** | 120 = Normally open 121 = Normally closed See table hydraulic symbols |
| * | Control on lines A/B/P/T (see symbols) The interface holder "H" must be turned by 180° in order to obtain the A1 and B1 versions. |
| * | Voltage: see tab.1 |
| ** | Variants: see tab.2 |
| * | 3 = Serial No. for AC voltage 4 = Serial No. for DC voltage |

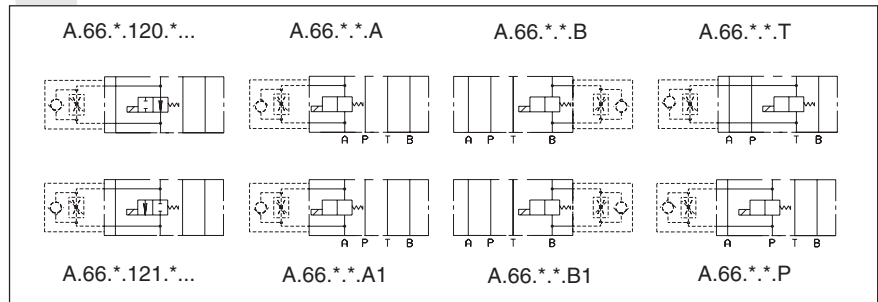
LIMITS OF USE DC SOLENOID



LIMITS OF USE AC SOLENOID



HYDRAULIC SYMBOLS



TAB.1 "E" OPERATOR TYPE

| AC VOLTAGE | |
|------------|-----------------------|
| A | 24V/50Hz |
| B | 48V/50Hz* |
| J | 115V/50Hz - 120V/60Hz |
| Y | 230V/50Hz - 240V/60Hz |
| E | 240V/50Hz* |
| F | 24V/60Hz* |
| K | AC without coils |

| DC VOLTAGE | |
|------------|------------------|
| L | 12V |
| M | 24V |
| V | 28V* |
| N | 48V* |
| Z | 102V* |
| P | 110V* |
| X | 205V* |
| W | DC without coils |

Voltage codes are not stamped on the plate, they are readable on the coils.
 (*) Special voltage

TAB.2 - VARIANTS

| | |
|--------------------------------|----|
| No variant | 00 |
| (connectors as in the drawing) | |
| Viton | V1 |
| Indicator light | X1 |
| Rectifier | R1 |
| Cable gland "PG11" | C1 |
| Valve without connector (coil) | S1 |
| Indicator light + rectifier | XR |

OVERALL DIMENSIONS

