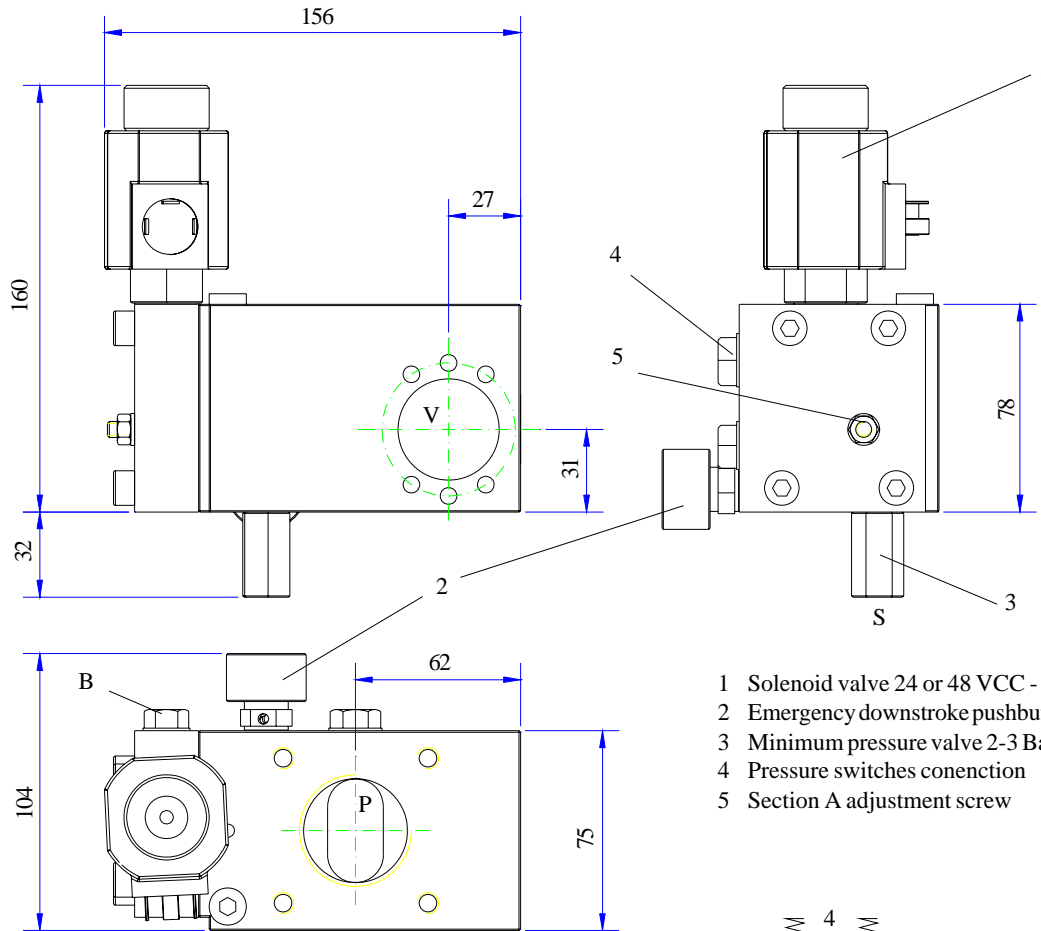


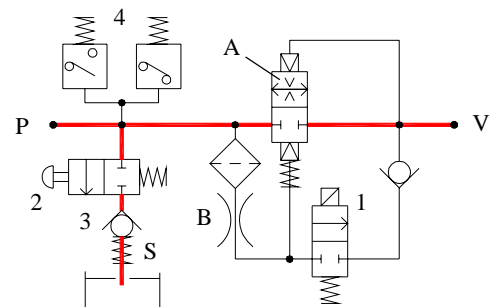
| Type | Identification | Nominal Flow L/min min ÷ max | Static Pressure bar min ÷ max | Oil Viscosity cSt min ÷ max |
|-------|----------------|------------------------------------|-------------------------------------|-----------------------------------|
| 1"1/4 | 19200 00 | 45 ÷ 210 | 10 ÷ 60 | 14 ÷ 290 |



- 1 Solenoid valve 24 or 48 VCC - 45 W
- 2 Emergency downstroke pushbutton
- 3 Minimum pressure valve 2-3 Bar
- 4 Pressure switches connection
- 5 Section A adjustment screw

- A - Operating flow adjusting section
- B - Section of control of closing speed
- P - To Piston
- S - Emergency downstroke daining pipe
- V - To pumpunit

SCHEMATIC
DIAGRAMM



USE INSTRUCTIONS

1. It is not necessary power on the DS device solenoid valve in upward phases, on the contrary, it must power on before (300-500 ms) and after (1-1,5 s) any downward manoeuvre.
2. If necessary, the DS solenoid valve must power on, in lift stop with door open, for the pressure measurement in the pump unit.
3. The power supply to DS solenoid valve must put off (DS device activation), with door open, when the controller recognizes a unintended car movement.
4. DS device must be activate before the cabin to go away 200 mm from floor level.

DS DEVICE CAN BE USED AS AN ELEMENT OF REDUNDANCY IN DOWN COMMANDS ON THE PUMP UNIT. IT PROVIDES AN AUTOMATIC MONITORING FUNCTION BY THE CONTROL PANEL.

**DS-1"1/4 DEVICE
FOR PROTECTION AGAINST
UNINTENDED CAR MOVEMENT**



Start Elevator

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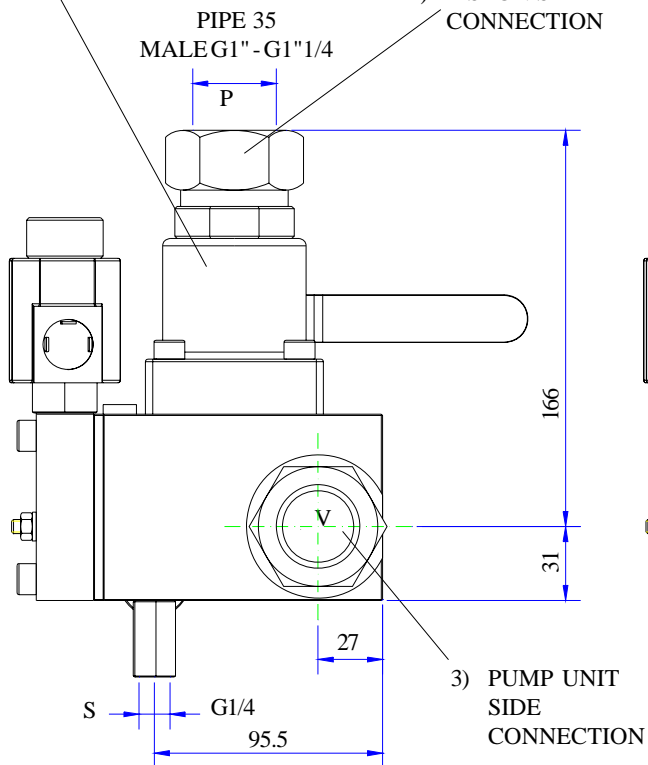
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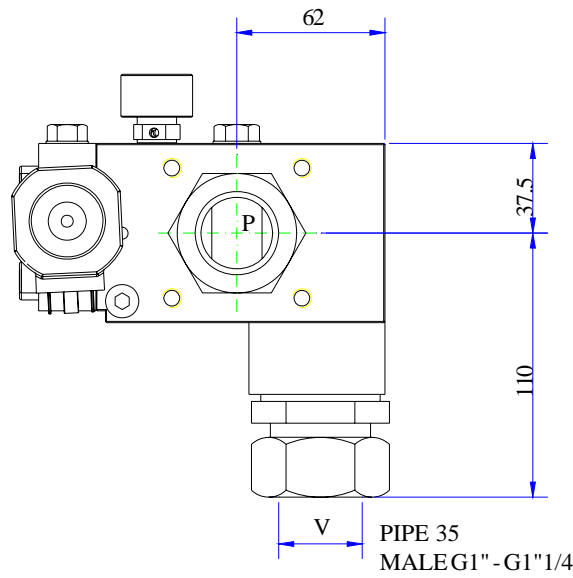
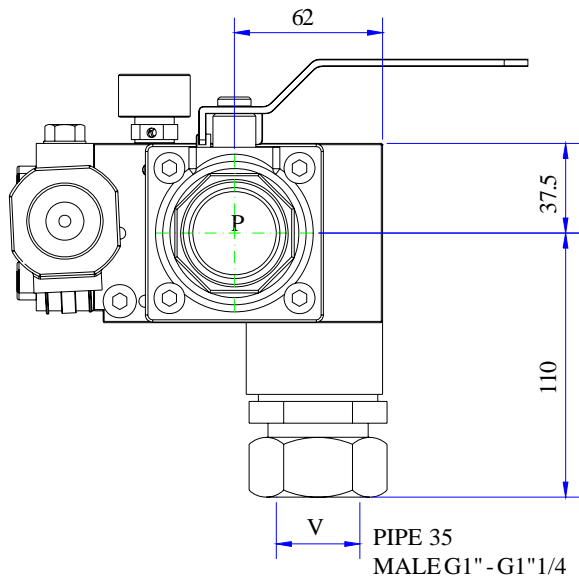
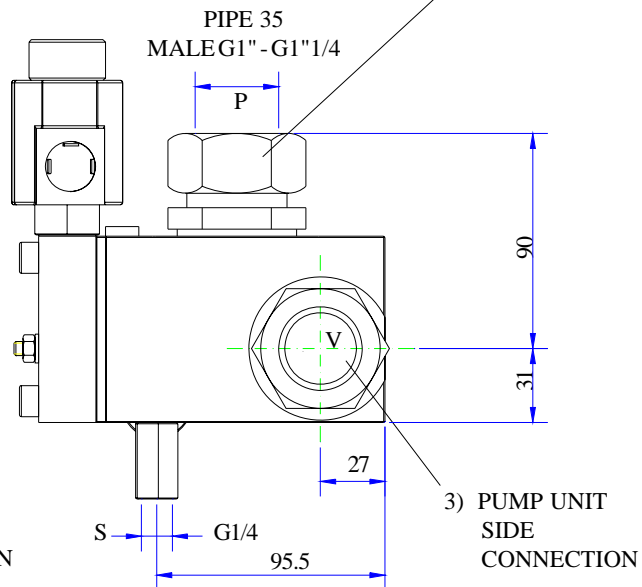
CONNECTION CONFIGURATION

1) EXIT BALL VALVE

2) PISTON SIDE CONNECTION



2) PISTON SIDE CONNECTION



P - To Piston
 S - Emergency downstroke daining connection
 V - To pumpunit

**DS-1"1/4 DEVICE
 FOR PROTECTION AGAINST
 UNINTENDED CAR MOVEMENT**



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