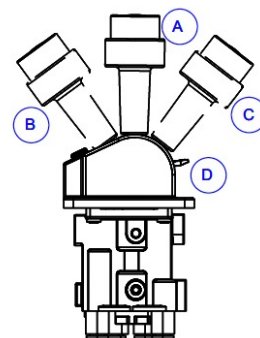


BY  **HIDROMAS**

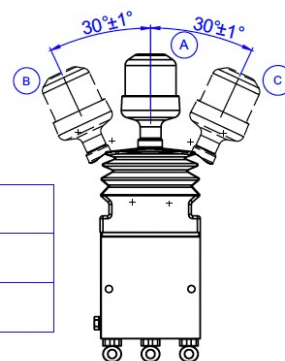
AIR CONTROL VALVE

Sl.No	Part Number	Description
1	49002019	AIR CONTROL VALVE (WITH PTO SWITCH AND CONNECTORS) - STD
2	49002022	AIR CONTROL VALVE (3-WAY W/O PTO SWITCH AND TIPPING SLOT) - VOLVO
3	49002023	AIR CONTROL VALVE (WITH PTO SWITCH AND CONNECTORS ELECTRIC) -STD
4	49002034	AIR CONTROL VALVE (WITH PTO SWITCH AND CONNECTORS) - STD (SOLENOID)
5	49002035	AIR CONTROL VALVE (WITH PTO SWITCH AND CONNECTORS - WITHOUT SLOT IN TIPPING & LOWERING MODE)- AL
6	49002036	AIR CONTROL VALVE (3-WAY W/O PTO SWITCH AND WITH SLOT IN TIPPING & LOWERING MODE) - OLECTRA
7	49002037	AIR CONTROL VALVE (WITH PTO SWITCH AND 90° CONNECTORS)- VECV
8	49002010	AIR CONTROL VALVE (WITH PTO SWITCH AND LIGHT AND CONNECTORS ELECTRIC) -STD
9	49002014	AIR CONTROL VALVE (WITH PTO SWITCH AND ENGAGE AND CONNECTORS ELECTRIC) -STD



MODEL 1

Sl.No	Part Number	Description
1	49002020	AIR CONTROL VALVE (3 WAY, MULTI-FUNCT. PTO MANUAL W/O ELEC)
2	49002038	AIR CONTROL VALVE (3 WAY SIDE PORT, MULTI-FUNCT. PTO MANUAL W/O ELEC.)



MODEL 2

GENERAL INFORMATIONS:

When used with a compatible tipping valve with proportional lowering, the speed of descent of the body can be regulated by the proportional movement of the air control lever.

- * Valve performance and leak will be tested at 10 bar.
- * Exhaust port is fitted with M5 brass silencer.
- * Air ports are fitted with 1/8" BSP x 6mm male straight and elbow connectors.
- * Indication on operating directions to be present (up and down) on knob.
- * Automatic disengagement of pto while lowering.

PNEUMATIC PORT INFORMATIONS:

- 1 : Air inlet, Fixing thread G1/8", Depth 10mm
- 3 : Air exhaust, Fixing thread M5x0,8, Depth 5mm
- 21: Lowering connection, Fixing thread G1/8", Depth 10mm
- 22: Tip. connection (to tip. valve), Fixing thread G1/8", Depth 10mm
- 23: Working port P.T.O, Fixing thread G1/8", Depth 10mm

LEVEL POSITION:

- A : Stop position (Pull up head to operate)
- B : Tipping position (Push forward to operate)
- C : Lowering position (Pull back to operate)
- D : Push up to operate PTO

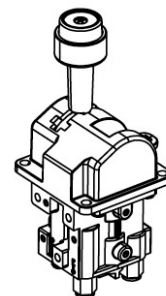
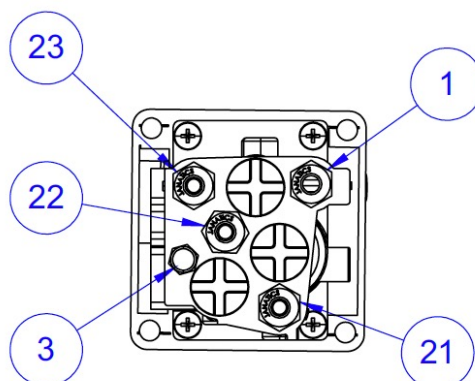
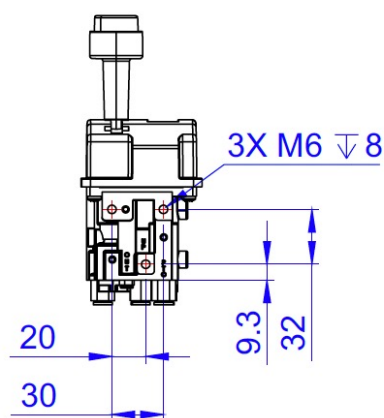
SPECIFICATIONS:

- * Max. pressure: 12 bar
- * Min. pressure : 5 bar
- * Max. temperature : + 80°
- * Min temperature : - 40°
- * Connections 1, 21, 22 & 23 : G1/8"
- * Connection 3 : M5
- * Air hose size : Ø6mm

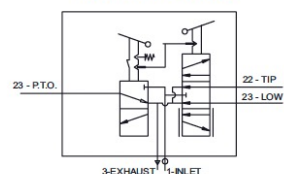
BY  HIDROMAS

AIR CONTROL VALVE

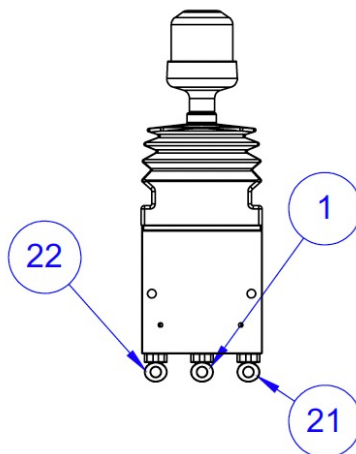
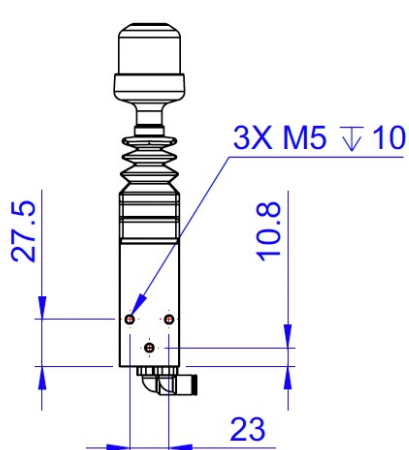
49002019 - AIR CONTROL VALVE (WITH PTO SWITCH AND CONNECTORS) - STD



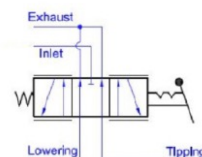
PNEUMATIC DIAGRAM



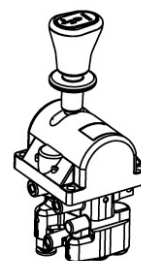
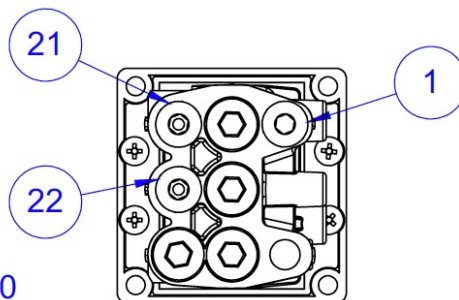
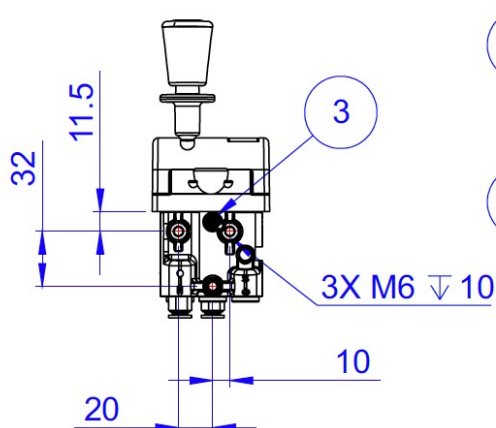
49002020 - AIR CONTROL VALVE (3 WAY, MULTI-FUNCT. PTO MANUAL W/O ELEC)



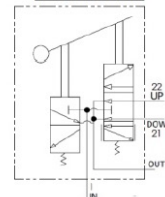
PNEUMATIC DIAGRAM

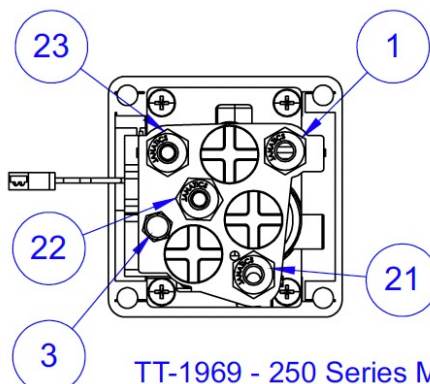
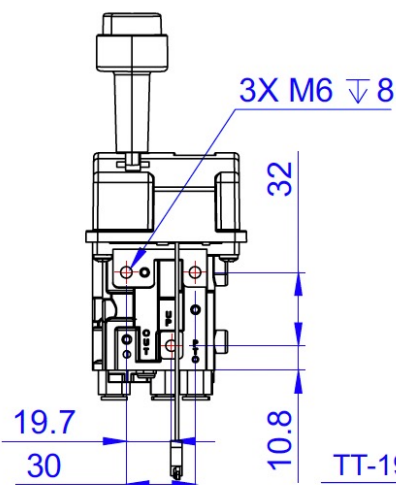


49002022 - AIR CONTROL VALVE (3-WAY W/O PTO SWITCH AND TIPPING SLOT) - VOLVO



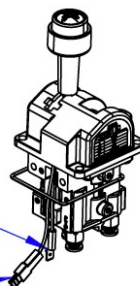
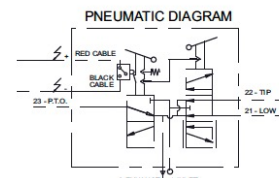
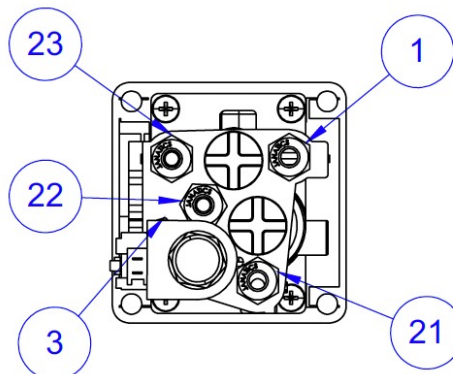
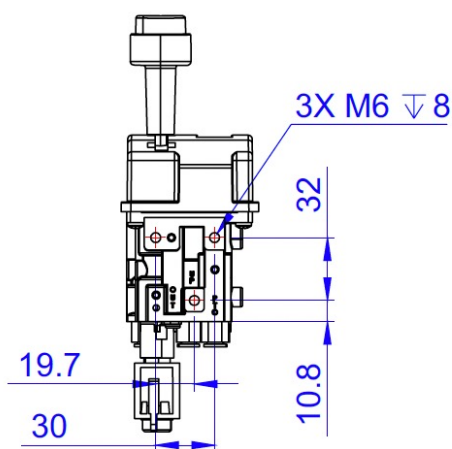
FUNCTIONAL DIAGRAM



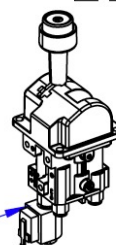
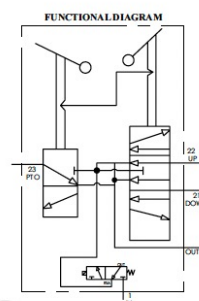
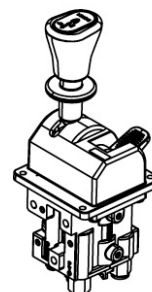
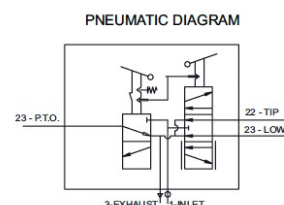
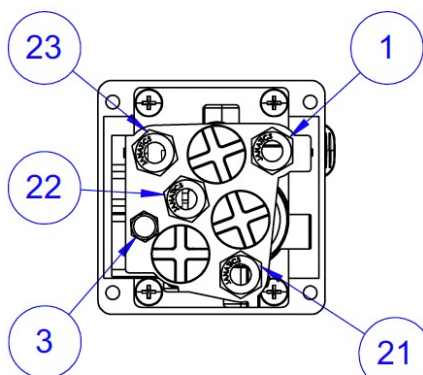
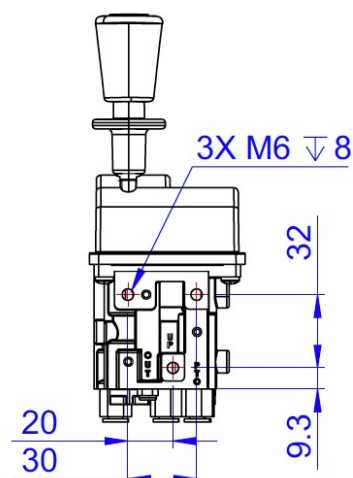
BY **HIDROMAS****AIR CONTROL VALVE****49002023 - AIR CONTROL VALVE (WITH PTO SWITCH AND CONNECTORS ELECTRIC) -STD**

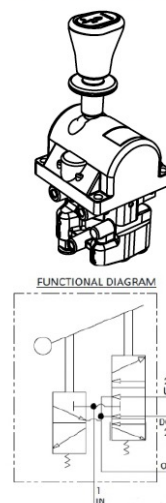
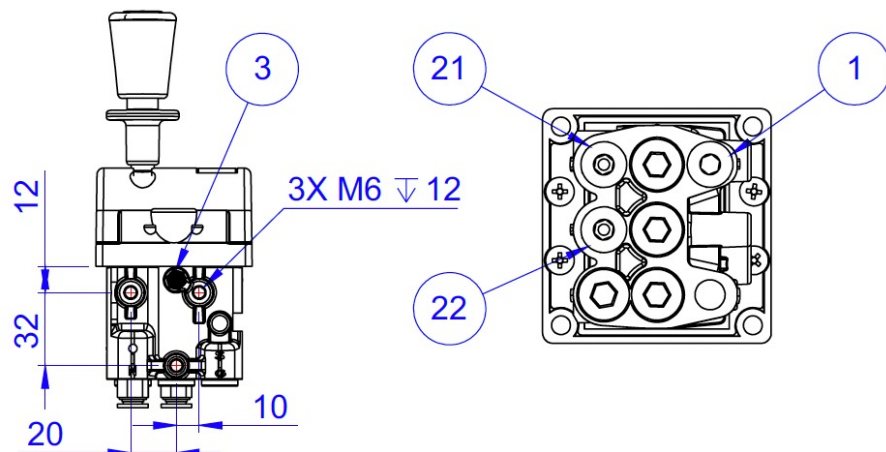
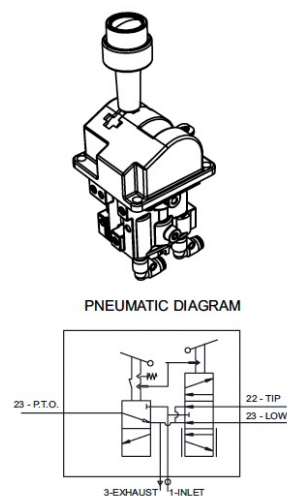
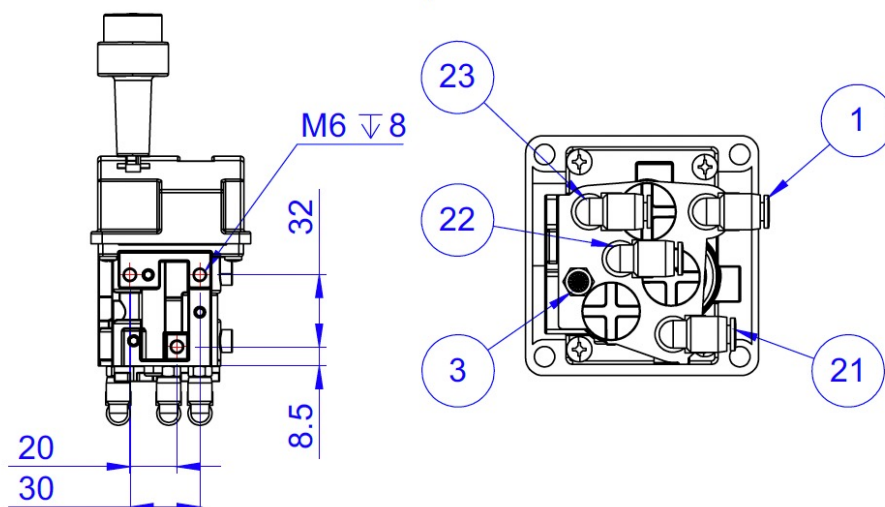
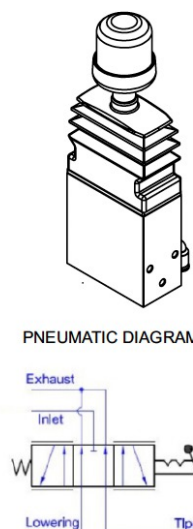
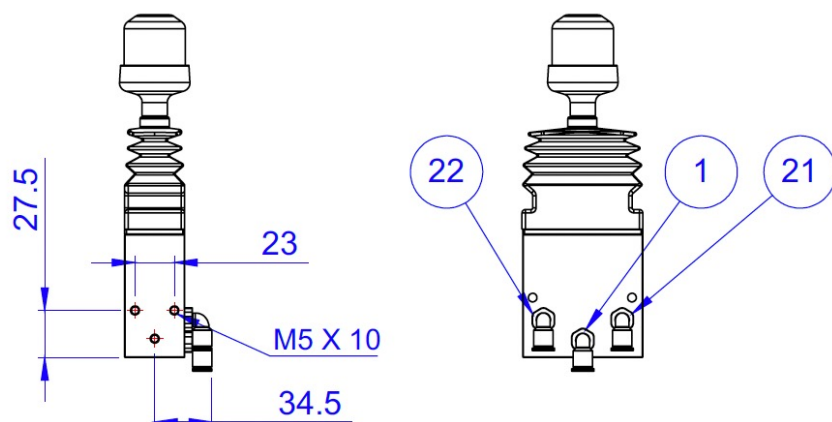
TT-1969 - 250 Series Male Terminal

TT-1961 - 250 Series Female Terminal with Dimple

**49002034 - AIR CONTROL VALVE (WITH PTO SWITCH AND CONNECTORS) - STD (SOLENOID)**

INTEGRATED SOLENOID

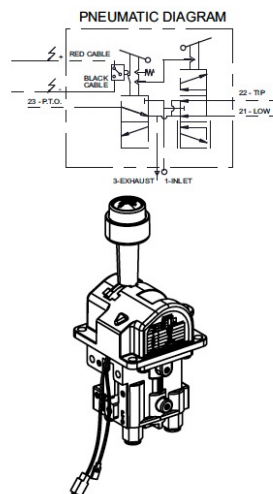
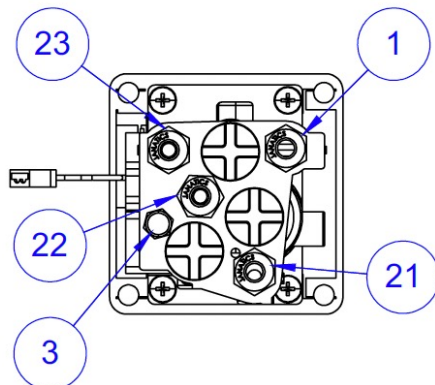
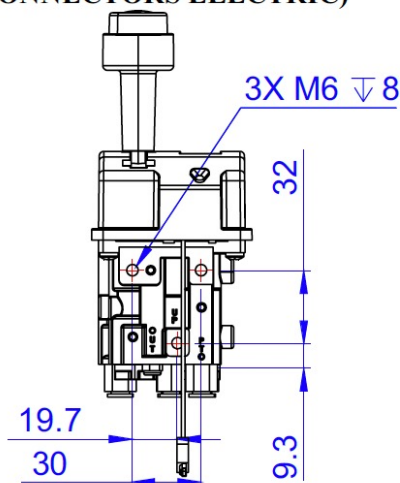
**49002035 - AIR CONTROL VALVE (WITH PTO SWITCH AND CONNECTORS - WITHOUT SLOT IN TIPPING & LOWERING MODE)- AL**

BY  **HIDROMAS****AIR CONTROL VALVE****49002036 -AIR CONTROL VALVE (3-WAY W/O PTO SWITCH AND WITH SLOT IN TIPPING & LOWERING MODE) - OLECTRA****49002037 -AIR CONTROL VALVE (WITH PTO SWITCH AND 90° CONNECTORS)- VECV****49002038 - AIR CONTROL VALVE (3 WAY SIDE PORT, MULTI-FUNCT. PTO MANUAL W/O ELEC.)**

BY  HIDROMAS

AIR CONTROL VALVE

49002010 - AIR CONTROL VALVE (WITH PTO SWITCH AND LIGHT AND CONNECTORS ELECTRIC)



49002014 - AIR CONTROL VALVE (WITH PTO SWITCH START AND ENGAGE AND CONNECTORS ELECTRIC) - STD

