

AIR CONTROL



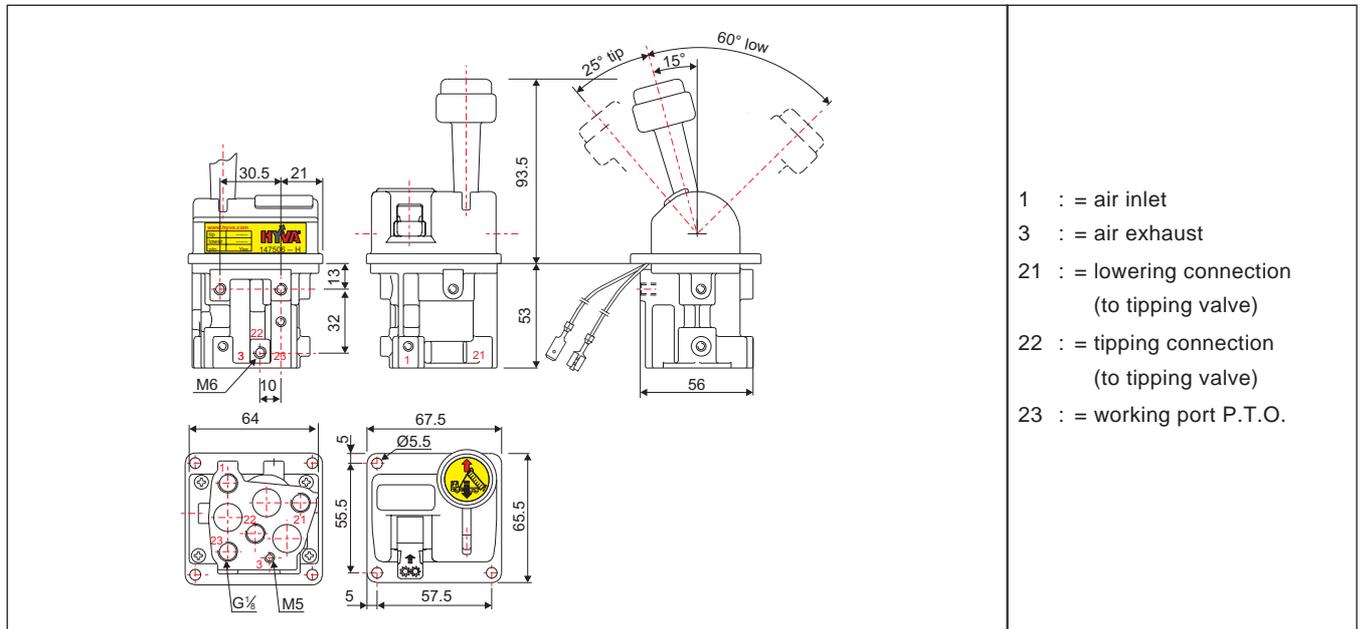
PROPORTIONAL AIR CONTROL 2 SECTIONS

Hyva

type :
options :

proportional air control 2 sections
fixed tipping position
automatic P.T.O. disengagement

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- 1 : = air inlet
- 3 : = air exhaust
- 21 : = lowering connection
(to tipping valve)
- 22 : = tipping connection
(to tipping valve)
- 23 : = working port P.T.O.

mounting of the air control

- When the air control is mounted next to the drivers seat a strong support should be used.
Available supports are:
 - 092 32 002 for on-seat mounting
 - 092 05 002 for on-floor mounting
- Use always rubber grommets to protect air tubes and to prevent that dust and water enters the cabin.
- The electrical P.T.O. Indicator should be connected to a 5 amperes fused wire.
- For trouble free life of the entire pneumatic system the air system must be free from water.
- The air control should be mounted in such a way that:
 - 1 it is easy to reach by the operator.
 - 2 it is no obstacle when entering or leaving the cabin.
 - 3 it is clear from any moving parts such as drivers seat and closed door.
- The air exhaust connection must be brought outside the cabin to prevent air entering the cabin, which gives the following disadvantages:
 - 1 noise
 - 2 blown up sand and dust
 - 3 when alcohol is used to prevent the pneumatic system against frost the alcohol vapour will enter the cabin
- Make sure that air tubes:
 - 1 are not too close to sharp objects.
 - 2 are clear from moving parts.
 - 3 are clear from exhaust and compressor lines.
 - 4 can not get kinked.
 - 5 are not too long.

note: The air supply must always be tapped off from a accessory air tank or auxiliary valve and the pneumatic system must be protected with a charging valve.
(see guide - lines from truck manufacturer)

For operation of the air control see the Hyva 'operation and maintenance instructions'

2 sections air control range

part no.	description	qty
147 50 644 H	control pneumatic - 2 - TF/LF - PN	1
147 50 646 H	control pneumatic - 2 - TS/LF - PN	1
147 50 650 H	control pneumatic - 2 - TF/LF - PA	1
147 50 652 H	control pneumatic - 2 - TS/LF - PA	1

Explanation of codes:

- 2 = control has 2 sections
- TF = lever is fixed in tipping end position
- TS = lever has a spring return in tip position
- LF = lever is fixed in lowering end position
- PNL = P.T.O. control has no automatic disengage
P.T.O. control has a lamp
- PAL = P.T.O. control has an automatic disengage
P.T.O. control has a lamp

general info

- 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.
- The air control includes an electrical indicator to show P.T.O. engagement.
- The functions of Hyva air controls are clearly indicated on the type plate.

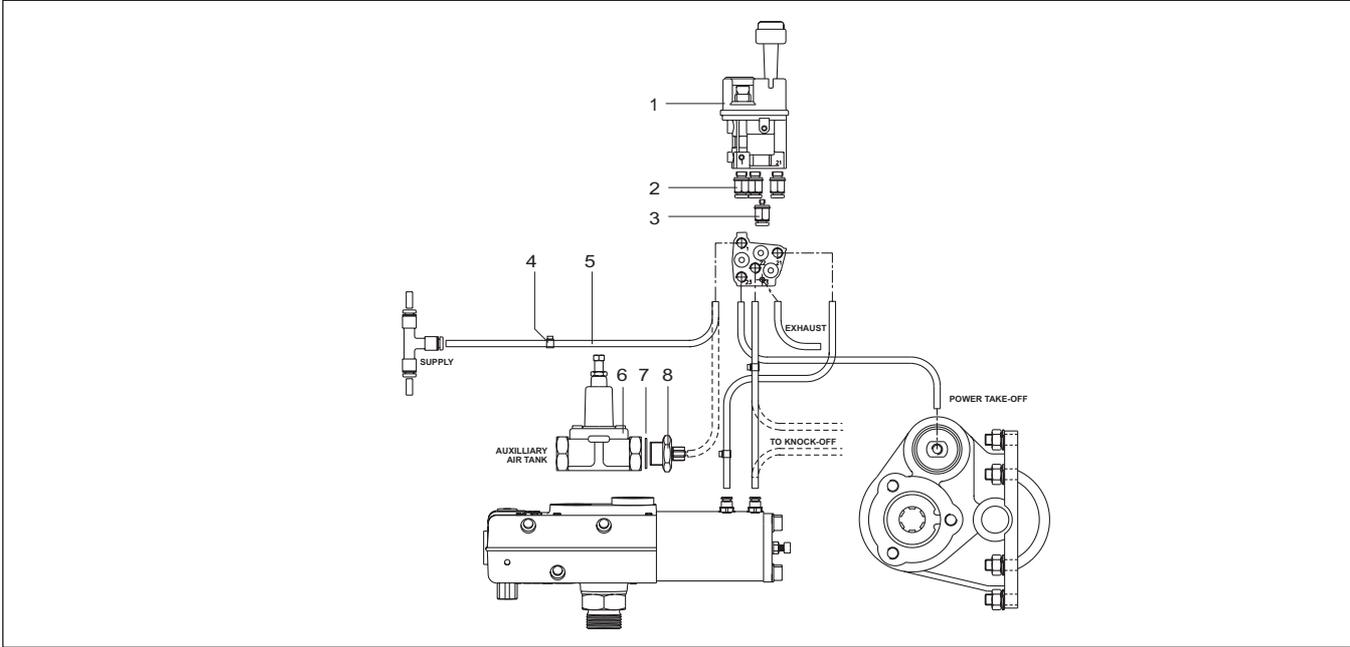
specifications

- Max. pressure = 12 bar
- Min. pressure = 5 bar
- Max. temperature = + 80°
- Min temperature = - 40°
- Connections 1, 21, 22 & 23 = G1/8"
- Connection 3 = M5
- Mounting holes = M6
- Voltage for lamp = 24 VDC

AIR CONTROL

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Hyva	type :	proportional air control 2 sections
page # 2 / 2	options :	fixed tipping position automatic P.T.O. disengagement



Order possibilities of the air control

pos.	part no.	Description	qty.
1	147 50 644 H	control pneumatic - 2 - TF/LF - PNL	1
	147 50 646 H	control pneumatic - 2 - TS/LF - PNL	1
	147 50 650 H	control pneumatic - 2 - TF/LF - PAL	1
	147 50 652 H	control pneumatic - 2 - TS/LF - PAL	1
2,3,4,5	147 50 119 K	air kit P.T.O./ valve	1
2	148 10 517	coupling for air control G1/8"	5
3	148 10 515	coupling for air control M5	1
4	148 75 500	air tube tie	8
5	148 75 007	air tube 6x4 (25 m)	1
6,7,8	147 54 010	charging valve kit	optional 1
7	148 84 501	washer 27x22	optional 1
8	148 11 005	coupling m 22-6 mm	optional 1
	092 32 002	mounting support	optional 1
	092 05 002	mounting sup. (angled)	optional 1

Pneumatic symbol

