



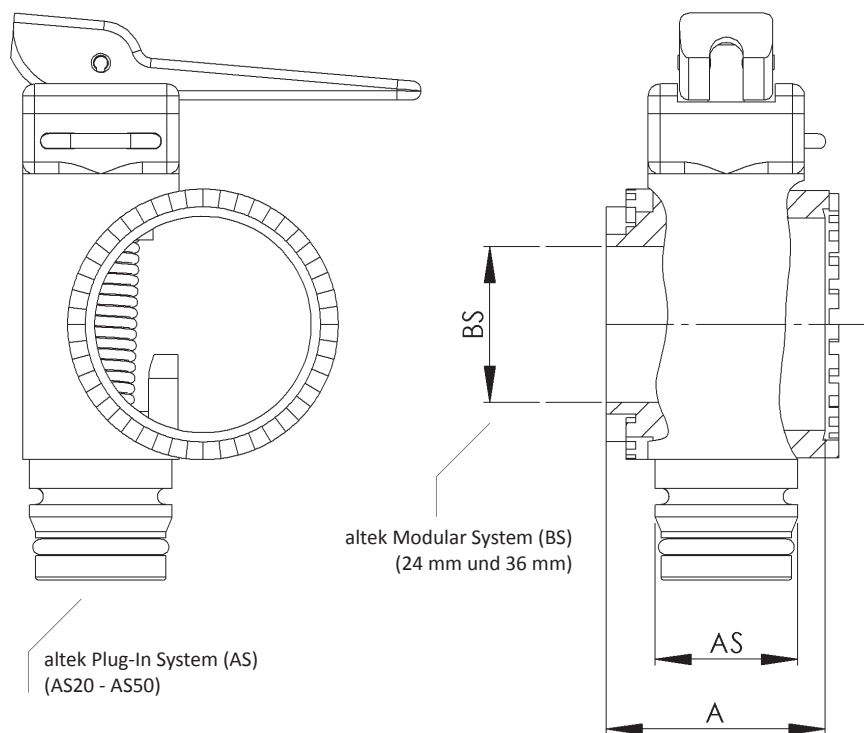
Mechanical valves

As a leading expert in the field of sprayer altek is constantly using a modular assembly system. Furthermore altek is maintaining excellent relationships to sprayer manufacturers as well as to end users. Both facts together enable us to design our different valve concepts according to the distinct needs and wants of our customers, what implies that retrofits to existing sprayers are technically feasible as well. altek's philosophy of a modular assembly system in conjunction with high emphasis on system integration will be maintained in the future.



altek modular system

Since the very beginning altek is using the modular assembly system for its valves and regulators. This assures that all components in our regulator and valve system can be combined with each other. Thereby the main advantage of this system is its flexibility and adaptability to different individual requirements of our customers. Which product line a distinct component belongs to directly refers to its designation. For instance, a “mechanical shut off valve 36/AS24” belongs to the 24mm product line, whereupon the number after the slash is referring to altek’s plug-in system.





Mechanical shut off valve 24/AS20

- simple mechanical shut off valve for hoses until 16 mm
- coloured levers for different functions
- optimal designed for our regulator systems
- individual choice of valve alignment
- robust construction
- multi-combinable with the altek modular system

Maximum pressure: 12 bar
 Inlet-ø: 24 mm, tuned to fit the altek modular system
 Outlet-ø: AS20
 Material: POM, PA, stainless steel 1.4305, FPM and NBR seals

Options:

- Additional colours for levers are available on request
- Other colours for control lever upon request

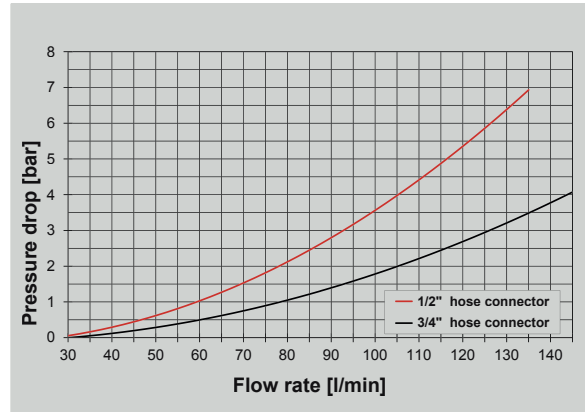
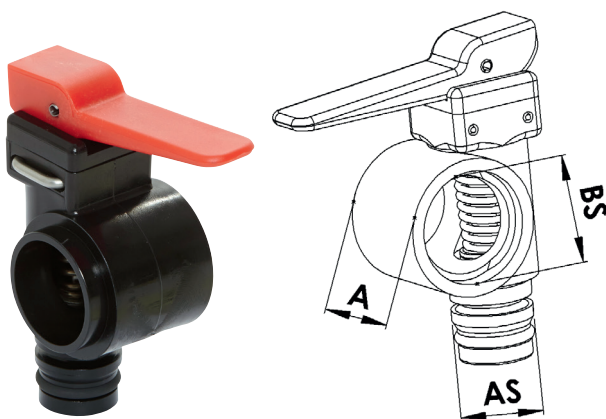
Recommended safety pins

| Art.No. | Type |
|---------|----------|
| 02752 | Pin AS20 |

Recommended fittings outlet

| | |
|-------|---------------------------|
| 34237 | Female hose tail AS20/ø12 |
| 34236 | Female hose tail AS20/ø15 |
| 37238 | Female hose tail AS20/ø17 |

More Fittings: see section Fittings, AS20



| Art.No. | Type | Remarks Control lever |
|---------|-------------|---|
| 01400 | MAV 24/AS20 | Control lever colour: Red Control lever forward-turned |
| 47809 | MAV 24/AS20 | Control lever colour: Red Control lever backward-turned |
| 47811 | MAV 24/AS20 | Control lever colour: Green Control lever forward-turned |
| 47815 | MAV 24/AS20 | Control lever colour: Green Control lever backward-turned |
| 47812 | MAV 24/AS20 | Control lever colour: Blue Control lever forward-turned |
| 47816 | MAV 24/AS20 | Control lever colour: Blue Control lever backward-turned |
| 47813 | MAV 24/AS20 | Control lever colour: Black Control lever forward-turned |
| 47817 | MAV 24/AS20 | Control lever colour: Black Control lever backward-turned |
| 47814 | MAV 24/AS20 | Control lever colour: Yellow Control lever forward-turned |
| 47818 | MAV 24/AS20 | Control lever colour: Yellow Control lever backward-turned |

| BS mm | AS | A mm |
|-------|----|------|
| 24 | 20 | 30 |



Mechanical valves · Mechanical shut off valve 36/AS24

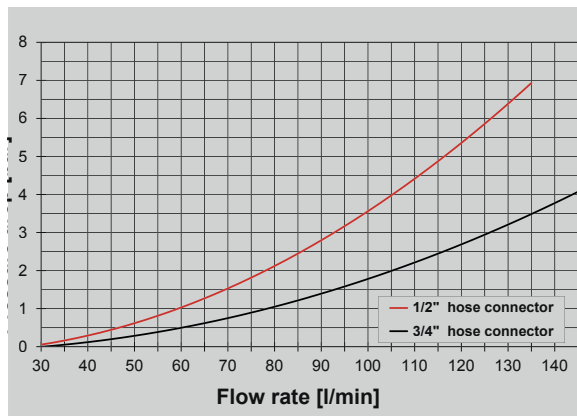
Mechanical shut off valve 36/AS24

- simple mechanical shut off valve for hoses until 16 mm
- coloured levers for different functions
- optimal designed for our regulator systems
- individual choice of valve alignment
- robust construction
- multi-combinable with the altek modular system Baukastensystem

Maximum pressure: 12 bar
 Inlet-ø: 36 mm, tuned to fit the altek modular system
 Outlet-ø: AS24
 Material: POM, PA, stainless steel: 1.4305, FPM and NBR seals

Options:

- Additional colours for levers are available on request



| Art.No. | Type | Remarks Control lever |
|---------|-----------------------------------|-------------------------------|
| 82193 | Mechanical shut off valve 36/AS24 | Control lever forward-turned |
| 47810 | Mechanical shut off valve 36/AS24 | Control lever backward-turned |

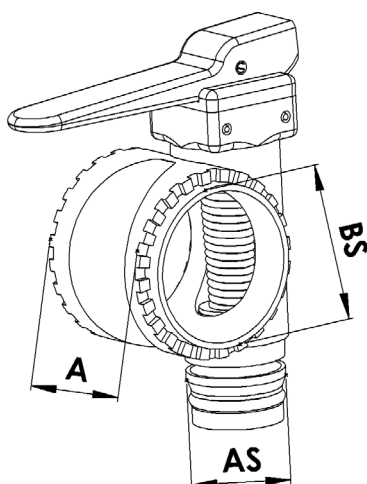
Recommended safety pins

| Art.No. | Type |
|---------|----------|
| 18545 | Pin AS24 |

Recommended fittings outlet

| | |
|-------|---------------------------|
| 34230 | Female hose tail AS24/ø15 |
| 34229 | Female hose tail AS24/ø17 |
| 34227 | Female hose tail AS24/ø20 |

More Fittings: section Fittings, AS24



| BS mm | AS | A mm |
|-------|----|------|
| 36 | 24 | 35 |





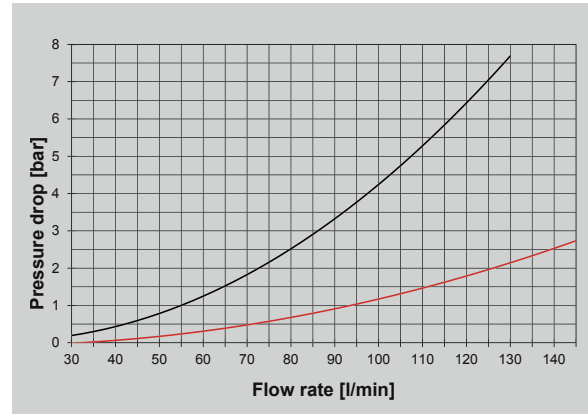
Mechanical double valve 36/AS20

- simple mechanical shut off valve for hoses until 16 mm
- coloured levers for different functions
- optimal designed for our regulator systems
- individual choice of valve alignment
- robust construction
- multi-combinable with the altek modular system

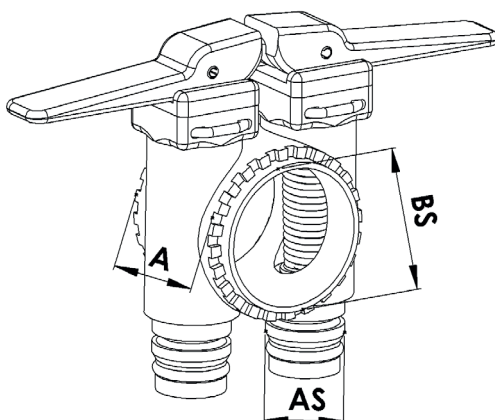
Maximum pressure: 12 bar
 Inlet-Ø: 36 mm, tuned to fit the altek modular system
 Outlet-Ø: 2 connections AS20
 Material: POM, PA, stainless steel: 1.4305, FPM and NBR seals

Options:

- Additional colours for levers are available on request



| Art.-Nr. | Type | Remarks Control lever |
|----------|---------------------------------|---|
| 34622 | Mechanical Double valve 36/AS20 | Control lever colour forwards: Red Control lever backwards: Red |
| 47310 | Mechanical Double valve 36/AS20 | Control lever colour forwards: Yellow Control lever colour backwards: Blue |
| 47311 | Mechanical Double valve 36/AS20 | Control lever colour forwards: Green Control lever colour backwards: Black |



| BS mm | AS | A mm |
|-------|----|------|
| 36 | 20 | 35 |

Recommended safety pins

| Art.No. | Type |
|---------|----------|
| 18545 | Pin AS24 |

Recommended fittings outlet

| | |
|-------|---------------------------|
| 34230 | Female hose tail AS24/Ø15 |
| 34229 | Female hose tail AS24/Ø17 |
| 34227 | Female hose tail AS24/Ø20 |

More Fittings: see section Fittings, AS24





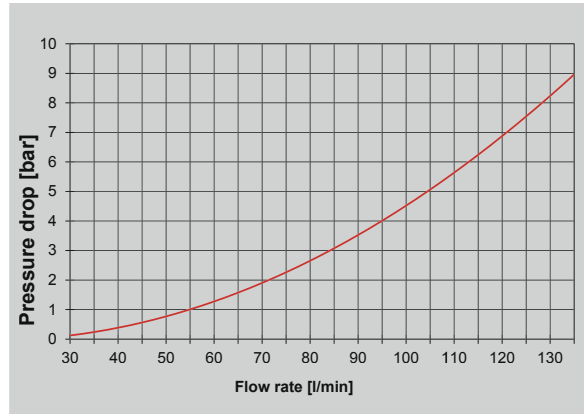
Mechanical constant pressure 36/AS20

- simple mechanical shut off valve for hoses until 16 mm
- coloured levers for different functions
- optimal designed for our regulator systems
- individual choice of valve alignment
- robust construction
- multi-combinable with the altek modular system

Maximum pressure 12 bar
 Inlet-ø: 36 mm, tuned to fit the altek modular system
 Return flow-ø: 24 mm
 Outlet-ø: AS20
 Lever colour: red
 Material: POM, PA, stainless steel: 1.4305, FPM and NBR seals

Options:

- Additional colours for levers are available on request



| Art.No. | Type |
|---------|--|
| 21920 | Mechanical constant pressure valve 36/AS20 |

Recommended safety pins

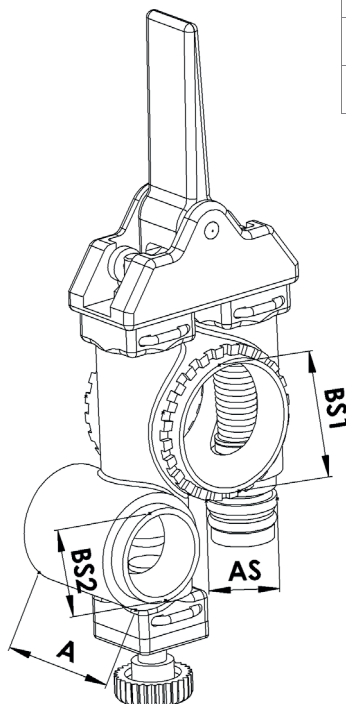
| Art.No. | Type |
|---------|----------|
| 02752 | Pin AS20 |

Recommended fittings outlet

| | |
|-------|---------------------------|
| 34237 | Female hose tail AS20/ø12 |
| 34236 | Female hose tail AS20/ø15 |
| 37238 | Female hose tail AS20/ø17 |

More Fittings: see AS Fittings, AS20

| BS 1 mm | BS 2 mm |
|---------|---------|
| 36 | 24 |
| AS | A mm |
| 20 | 35 |





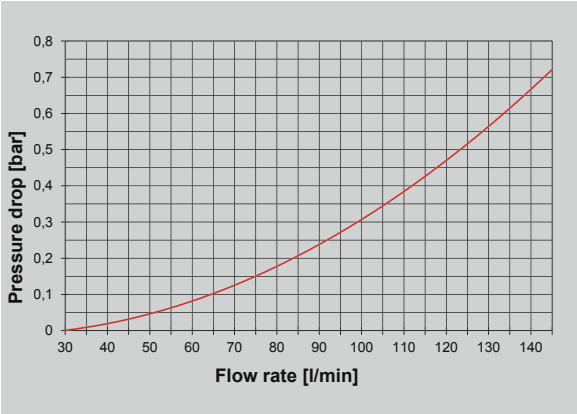
Mechanical shut off valve 36/ø25 mm

- simple mechanical shut off valve for hoses until 16 mm
- coloured levers for different functions
- optimal designed for our regulator systems
- individual choice of valve alignment
- robust construction
- multi-combinable with the altek modular system

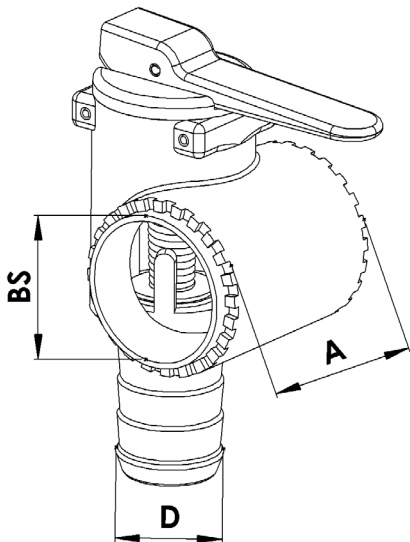
Maximum pressure: 12 bar
Inlet-ø: 36 mm, tuned to fit the altek modular system
Outlet-ø: 25 mm hose connection
Lever colour : red
Material: POM, PA, stainless steel: 1.4305, FPM and NBR seals

Options:

- Additional colours for levers are available on request



| Art.No. | Type | Remarks Control lever |
|---------|------------------------------------|------------------------------------|
| 39767 | Mechanical shut off valve 36/ø25mm | Mechanical shut off valve 36/ø25mm |
| 47740 | Mechanical shut off valve 36/ø25mm | Control lever backward-turned |



| BS mm | AS | A mm |
|-------|----|------|
| 36 | 25 | 54 |



More Fittings: see section Fittings



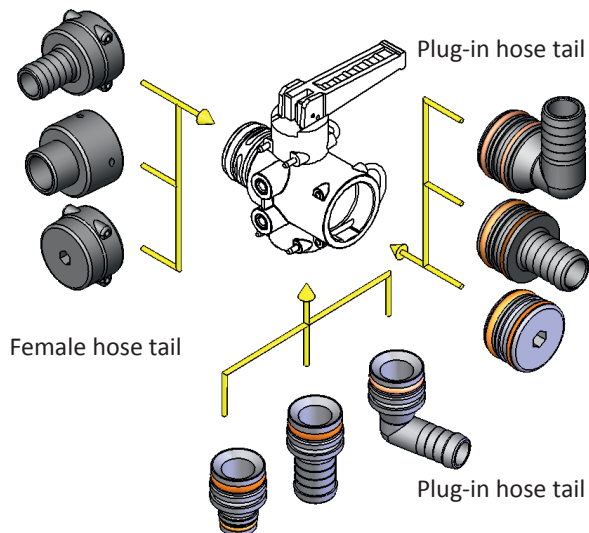
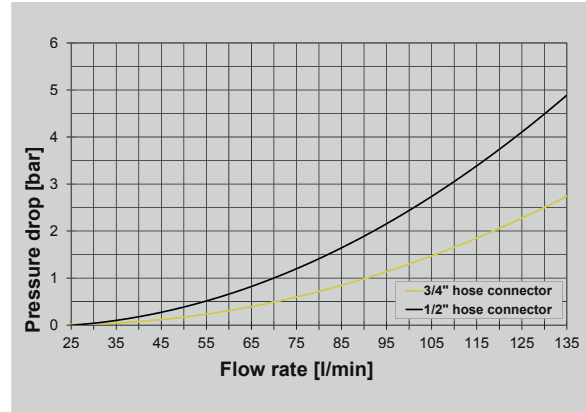
Mechanical valves

Quick-Fit Ventil, 2-way Manual operating

Quick-Fit Valve, 2-Way Manual operating

- quick assembly using the altek plug-in system
- large flow rates with low pressure drop
- for boom section hoses up to $\varnothing 32\text{mm}$
- modular design

Maximum pressure: 12 bar
Material: POM GF 25, stainless steel: 1.4305, FPM and NBR seals



Recommended Fittings AS24

| Art.No. | Type |
|---------|--|
| 34230 | Female hose tail AS24/ $\varnothing 15$ |
| 34229 | Female hose tail AS24/ $\varnothing 17$ |
| 34227 | Female hose tail AS24/ $\varnothing 20$ |
| 80349 | Female hose tail AS24/ $\varnothing 15/90^\circ$ |
| 80350 | Female hose tail AS24/ $\varnothing 20/90^\circ$ |
| 47094 | Female hose tail AS24/AS20 kpl |

Recommended fittings AS30 with valve seat 120°

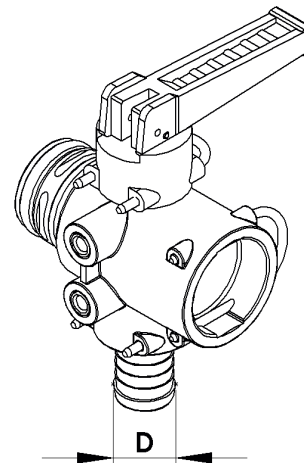
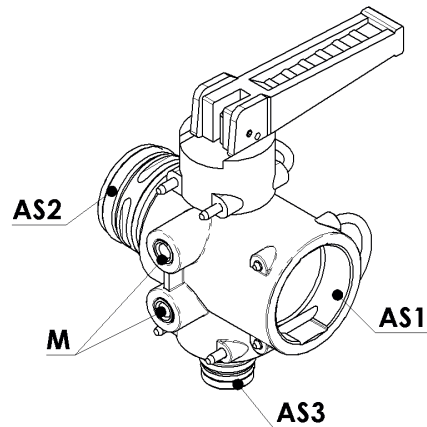
| | |
|-------|---|
| 00420 | Plug-in hose tail AS30/ $\varnothing 20$ kpl |
| 81119 | Plug-in hose tail AS30/ $\varnothing 25$ kpl |
| 01399 | Plug-in hose tail AS30/ $\varnothing 33$ kpl |
| 33793 | Plug-in hose tail AS30/ $\varnothing 33/90^\circ$ kpl |
| 80378 | Plug-in hose tail AS30/AS24 kpl |

Recommended Fittings AS40

| | |
|-------|---|
| 04595 | Plug-in hose tail AS40/ $\varnothing 25$ kpl |
| 04581 | Plug-in hose tail AS40/ $\varnothing 33$ kpl |
| 09184 | Plug-in hose tail AS40/ $\varnothing 25/90^\circ$ kpl |
| 80357 | Female hose tail AS40/ $\varnothing 25$ |
| 34232 | Female hose tail AS40/ $\varnothing 33$ |
| 47993 | Blind cap AS40 |

Mechanical valves

Quick-Fit Ventil, 2-way Manual operating



| Art.No. | Type | AS1 | AS2 | AS3 | M | D |
|---------|---|-----|-----|-----|----|--------------|
| 80790 | Quick-Fit Valve, 2-WAY, AS24, manually | 40 | 40 | 24 | M8 | see Fittings |
| 80846 | Quick-Fit Valve, 2-WAY, AS30/ø25 manually | 40 | 40 | 24 | M8 | see Fittings |
| 80845 | Quick-Fit Valve, 2-WAY, AS30/ø33 manually | 40 | 40 | 24 | M8 | see Fittings |



Mechanical valves · Bypassarmaturen

| Manifold assemblies | | |
|---|-------------|---|
| Picture | Article-No. | Type |
|  | 83460 | Bypass 4x MAV36/24 red/yellow/green/blue |
|  | 83611 | Bypass 3x MDV36/24 blue/red/black/green/green |
|  | 80715 | Bypass 2x MAV36/24 1x MAV36/ø25 1x MDV36/20 v/green h/black |
|  | 83162 | Bypass 4x MAV36/AS24 |
|  | 83056 | Bypass 2x MAV36/AS24 red/yellow |

More Bypass combinations are possible – contact us!