



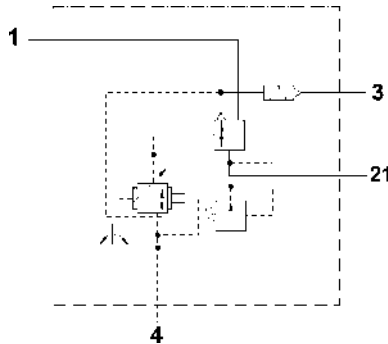
475 720 00. 0

Purpose:

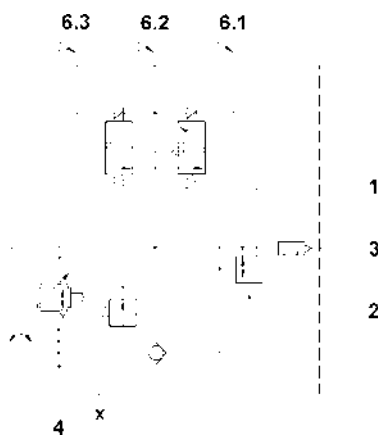
The valve is used for brake-power control in vehicles with mechanical suspension. Automatic adaption of the control ratio to each loading condition. The control variable is the load-dependent distance between axle and vehicle frame. ABS-Solenoid Valve, integrated in Variant 475 720 500 0 is actuated by the ABS electronic control unit.

Installation Requirement:

Valve must be installed vertically with the silencer pointing downwards. Mounting is accomplished using at least two threaded studs alternatively threaded holes.



475 720 00. 0



475 720 500 0

Zweck:

Das Ventil dient zur Bremskraftregelung in Fahrzeugen mit mechanischer Federung. Automatische Anpassung des Regelverhältnisses an den jeweiligen Beladezustand, wobei als Steuergröße der lastabhängige Abstand zwischen Achse und Fahrzeug dient. Bei dem Ventil 475 720 500 0 wird das integrierte ABS-Magnetventil von der ABS Elektornik gesteuert.

Einbauempfehlung:

Das Gerät ist senkrecht einzubauen, daß der Geräuschkämpfer nach unten weist. Zur Befestigung dienen zwei Gewindebolzen bzw. Gewindebohrungen

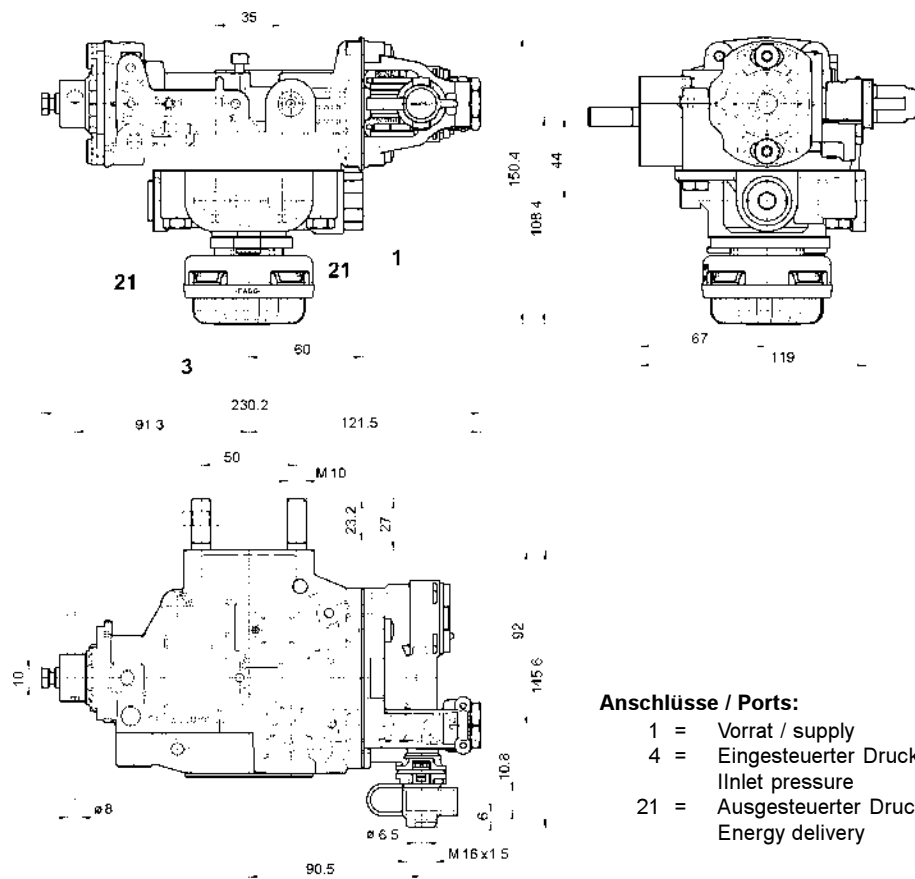
Automatischer Bremskraftregler

475 720

Load Sensing Valve

Einbaumaße / Installation:

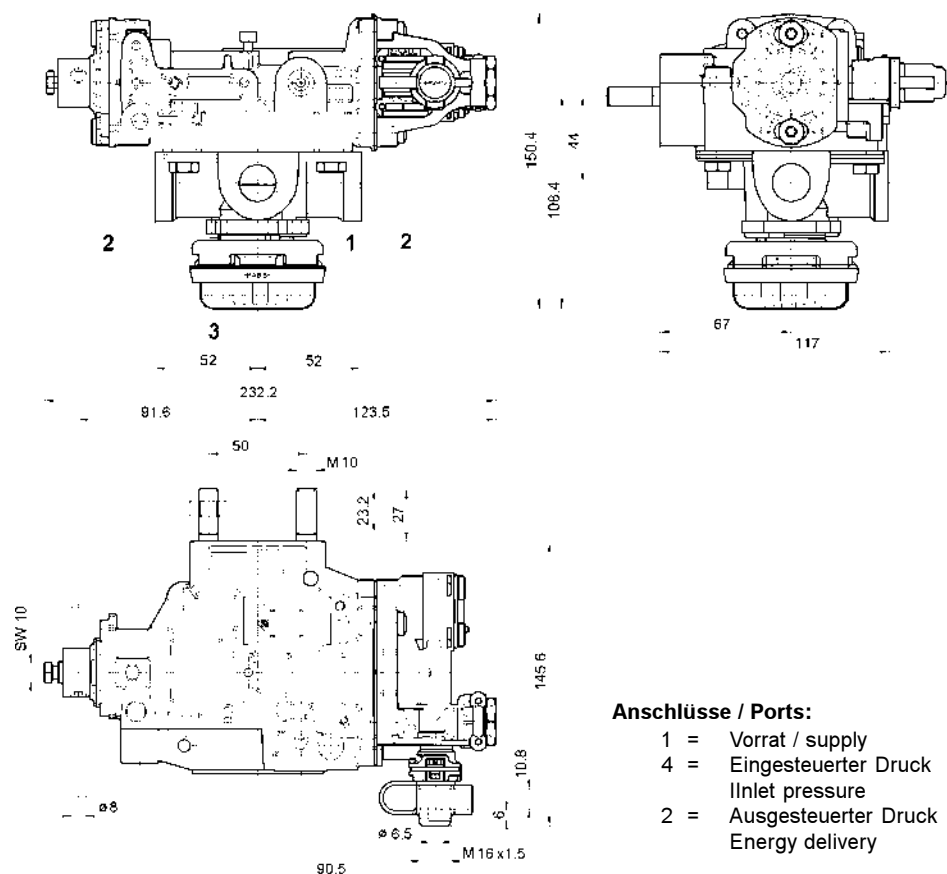
Type 1



Anschlüsse / Ports:

- 1 = Vorrat / supply
- 4 = Eingesteuerter Druck / Inlet pressure
- 21 = Ausgesteuerter Druck / Energy delivery

Type 2



Anschlüsse / Ports:

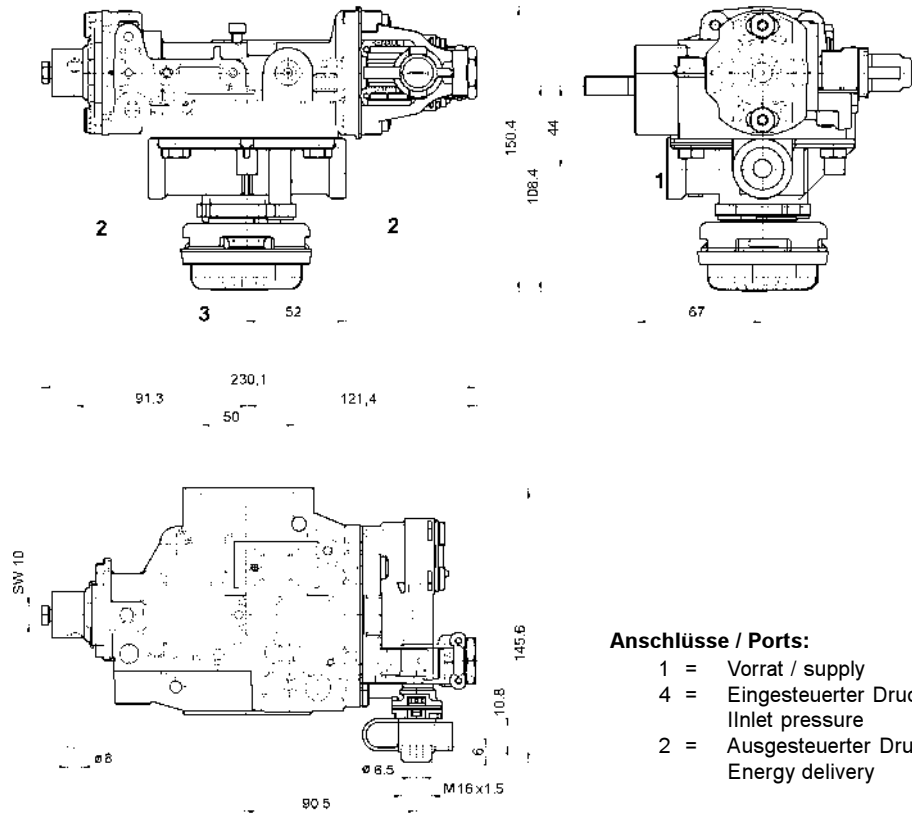
- 1 = Vorrat / supply
- 4 = Eingesteuerter Druck / Inlet pressure
- 2 = Ausgesteuerter Druck / Energy delivery

Automatischer Bremskraftregler

Load Sensing Valve

475 720

Type 3

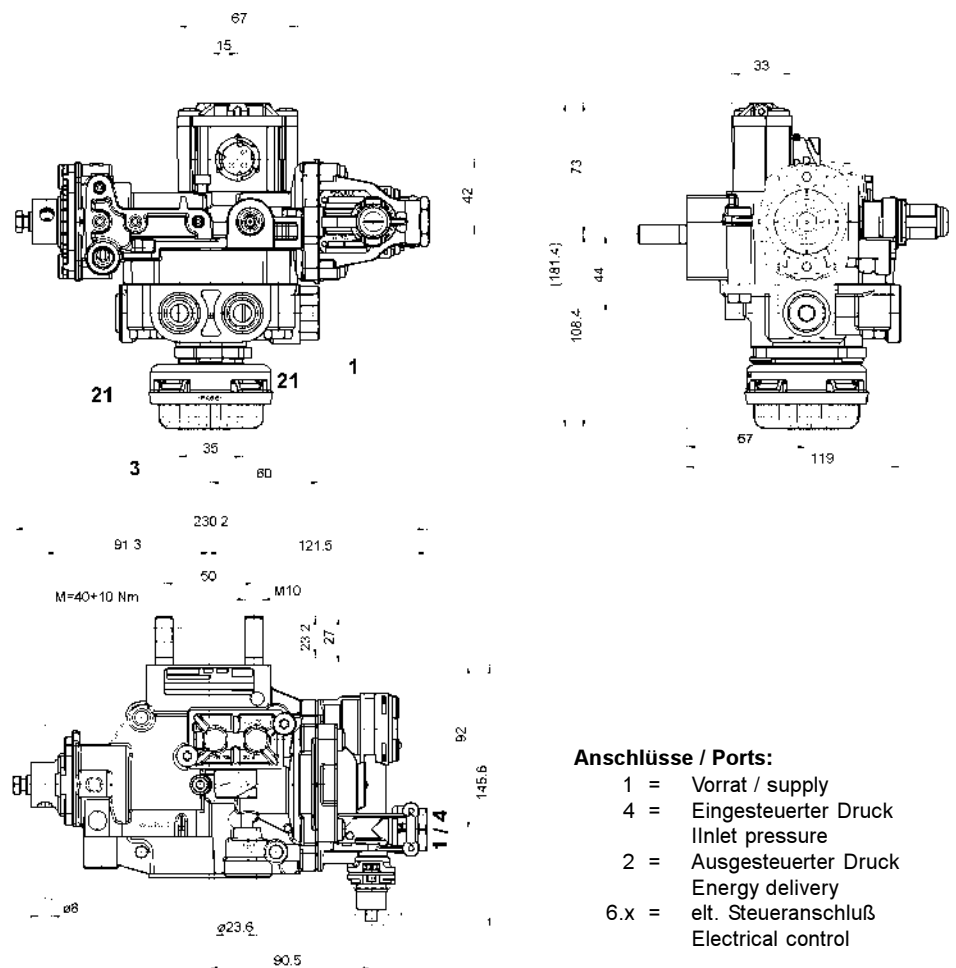


Anschlüsse / Ports:

- 1 = Vorrat / supply
- 4 = Eingesteuerter Druck
Inlet pressure
- 2 = Ausgesteuerter Druck
Energy delivery

3

Type 4



Anschlüsse / Ports:

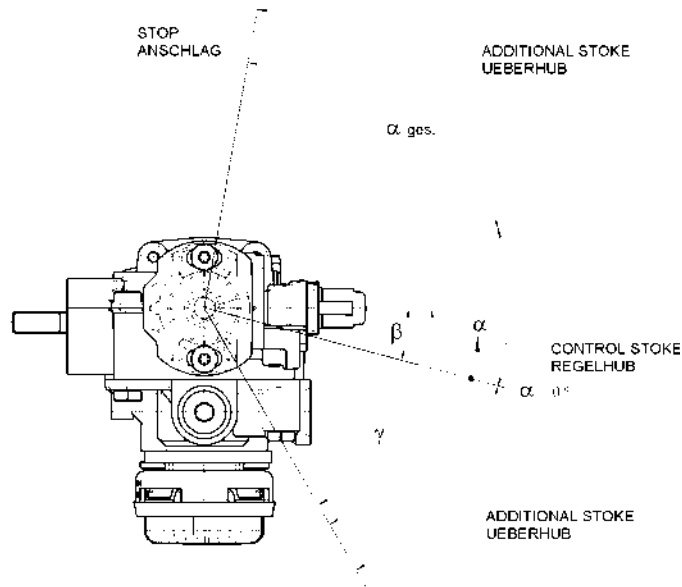
- 1 = Vorrat / supply
- 4 = Eingesteuerter Druck
Inlet pressure
- 2 = Ausgesteuerter Druck
Energy delivery
- 6.x = elt. Steueranschluß
Electrical control

Automatischer Bremskraftregler

Load Sensing Valve

475 720

Regelbereich / Range of actuating:



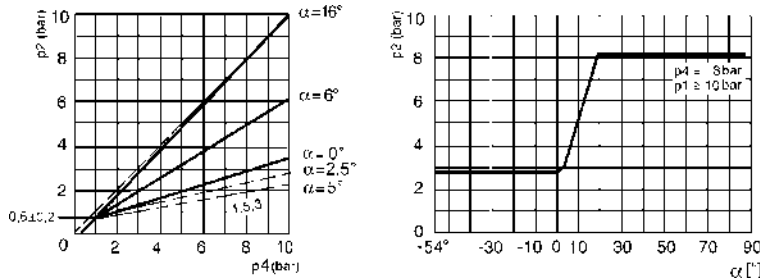
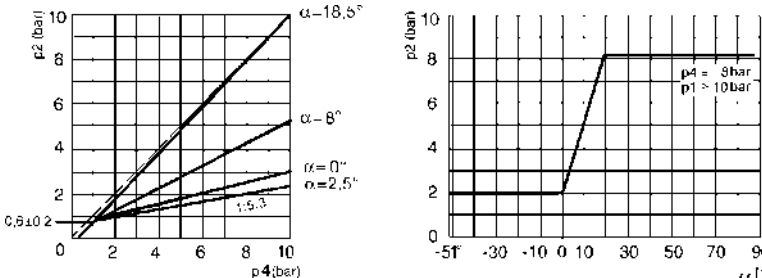
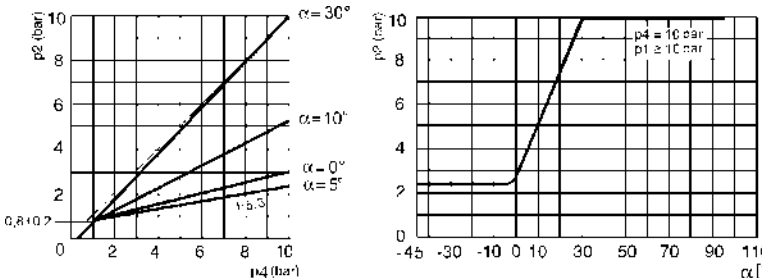
LIMITING STOP IN CASE OF ROD BREAKAGE
ANSCHLAG BEI GESTAENGBRUCH

Bestellnummer Part Number	Charakteristik / Characteristic	Anschlüsse und Befestigung Ports and Mounting
475 720 001 0 TYPE 1	<p>$\alpha_{ges} = 140^\circ \pm 5^\circ$ $\beta = 15^\circ$ $\gamma = 60^\circ \pm 10^\circ$ $\delta = 30^\circ$</p>	<p>1,21 = M 22x1,5 Voss 4 = M 16x1,5 Voss</p> <p>Befestigung: Gewindebolzen M 10 Mounting: stud M 10</p>
475 720 002 0 TYPE 2	<p>$\alpha_{ges} = 140^\circ \pm 5^\circ$ $\beta = 30^\circ$ $\gamma = 60^\circ \pm 10^\circ$ $\delta = 60^\circ$</p>	<p>1,2 = M 22x1,5 4 = M 16x1,5</p> <p>Befestigung: Gewindebolzen M 10 Mounting: stud M 10</p>
475 720 003 0 TYPE 3	<p>$\alpha_{ges} = 140^\circ \pm 5^\circ$ $\beta = 30^\circ$ $\gamma = 60^\circ \pm 10^\circ$ $\delta = 30^\circ$</p>	<p>1,2 = M 22x1,5 Voss 4 = M 16x1,5 Voss</p> <p>Befestigung: Sackloch M 10 Mounting: blind hole M 10</p>

Automatischer Bremskraftregler

Load Sensing Valve

475 720

Bestellnummer Part Number	Charakteristik / Characteristic	Anschlüsse und Befestigung Ports and Mounting
<p>475 720 005 0 wie TYPE 3, jedoch Unterteil um 180° gedreht.</p> <p>like Type 3 but lower part turned by 180°</p>	 <p>$\alpha_{ges} = 140^\circ \pm 5^\circ$ $\beta = 6^\circ$ $\gamma = 60^\circ \pm 10^\circ$ $\delta = 16^\circ$</p>	<p>1,2 = M 22x1,5 Voss 4 = 230 NG 8 Voss</p> <p>Befestigung: Sackloch M 14x1,5 Mounting: blind hole M 14x1,5</p>
<p>475 720 006 0 wie TYPE 3, jedoch Unterteil um 180° gedreht.</p> <p>like Type 3 but lower part turned by 180°</p>	 <p>$\alpha_{ges} = 140^\circ \pm 5^\circ$ $\beta = 13,5^\circ$ $\gamma = 65^\circ \pm 10^\circ$ $\delta = 18,5^\circ$</p>	<p>1,2 = M 22x1,5 Voss 4 = M 16x1,5 Voss</p> <p>Befestigung: Gewindebolzen M 10 Mounting: stud M 10</p>
<p>475 720 500 0 TYPE 4</p>	 <p>$\alpha_{ges} = 140^\circ \pm 5^\circ$ $\beta = 15^\circ$ $\gamma = 60^\circ \pm 10^\circ$ $\delta = 30^\circ$</p>	<p>1,21 = M 22x1,5 Voss 4 = M 16x1,5 6.1,6.2,6.3 = DIN 72585-A1- 3.1-Sn/K1 (12V)</p> <p>Befestigung: Gewindebolzen M 10 Mounting: stud M 10</p>

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