

Clutch Master Cylinder 11.1602010/-10



Description:

It is used for signal transmission between clutch pedal and pneumohydraulic booster.

Technical specification:

Stroke: 42 mm

Cylinder diameter: 32mm

Working pressure: 1,0 MPa (10,0 kgs/cm²)

Maximum pressure: 7,0 MPa (70,0 kgs/cm²)

Double-main Valve 12.3562010/-10



Description:

Double-Main Valve 12.3562010/-10 is used in Air Brake Systems of trucks, buses, wheeled tractors, trailers and semi-trailers.

It has two inputs and one output and provides fast air bypass from the input with bigger pressure to the output.

Technical specification:

Working pressure, MPa (kgs/cm²): 0,65...0,80

Thread: M22X1,5

Temperature range, °C: from minus 45 to plus 60

Weight, kg: 0,42

Auxiliary Brake 12.3570010



Description:

It is used for braking by standing engine while fuel feeding is turned off.

Technical specification:

Working pressure, MPa (kgs/cm²): 0,65-0,85 (6,5-8,5)

Thread: M12x1,5

Damer movement angle: °65

Temperature range, °C: from minus 45 to plus 60

Weight, kg, not more than: 5,1

Driver Seat Damper 260-6809109



Description:

It is used for smooth extinguishing of vertical driver's seat oscillation.

Technical specification:

Maximum diameter, mm: 44

Outer diameter, mm: 22

Length in compressed state, mm: 190

The force of resistance, developed in shock absorbers during compression and impact: 40±10 kgs

Rod movement speed, m/s: 0,226

Weight, kg: 0,2



Hand Brake Valve 12.3537510

Description

The manual reversing brake valve is designed for use in the pneumatic brake system of trucks, buses, trolleybuses and wheel tractors. It is controlled mechanically by turning the handle and provides an adjustable release of compressed air from the parking brake control line.

Brake reverse acting valve with manual control 12.3537510 allows to make a control check effectively enough parking brake to keep on the slope of the whole truck and trailer when the trailer breaks released.

Technical specifications:

Operating pressure, MPa: 0.65 ... 0.85

Maximum flow area

equivalent to the diameter of the hole, mm: 4.9

Connecting threads are absent, because the seal is carried out by means of a transition flange (not included)

Operating temperature range, ° C: from minus 45 to plus 80

Mass, not more, kg: 0.82



Air Dryer 11.3536008/-20/-30

Назначение:

Description

Air Dryer 11.3536008/-20/-30 is to be used in air brake systems of commercial vehicles for the purpose of drying and purifying the compressed air and thus preventing corrosion and condensate freezing in the circuits of the air brake system. Air Dryer improves reliability of other components of the system.

Air Dryer 11.3536008/-20/-30 features built-in pressure regulator, safety valve, heating element, silencer, and preliminary moisture separator,

designed to increase the lifespan of cartridge absorber

Technical specification

Compressor atmosphere discharge mode engagement pressure, MPa (kgs/cm²):

- for 11.3536008-20: $1,00^{+0,02} (10^{+0,2})$;
- for 11.3536008-30 – $1,25^{+0,02} (12.5^{+0,2})$

Compressor fill mode engagement pressure, Mpa (kgs/cm²), min: 0,7 (7,0) min

Pressure, limited by safety valve, MPa (kgs/cm²): $1,1^{+0,2} (11^{+2})$

Air bleed valve thread, mm: M22x1,5-7H, M12x1,5-7H
Temperature range, °C: from minus 45 to plus 80
Запас по точке росы, °C: 15 min
Weight, not more than, kg: 7,2 кг.

Heater element specification

Rated voltage, V:24;
Nominal power consumption, W: 85;
Turn-on temperature, °C: 7 ± 6 ;
Turn-off temperature, °C: 25 ± 6 .



Single Protection Valve 14.3515010/-10/-20/-30

Description

Single Protection Valve 14.3515010/-10/-20/-30 is used in Air Brake Systems of trucks, buses, trolleybuses and wheeled tractors.

This valve provides filling of circuits of braking system when certain meaning is reached. When inlet chamber pressure declines, compressed air is delivered from outlet chamber.

Valve 14.3515010/-10/-20/-30 with upstream can be used for attachment systems without air upstream limitation.

Technical

specification

Working pressure, MPa (kgs/cm²), not more than: 0,85 (8,5)
Feedthrough pressure, MPa (kgs/cm²): 0,5 – 0,56 (5,0 – 5,6)
Thread, mm: M22x1,5
Temperature range, °C: from minus 45 to plus 60
Weight, kg: 0,23

Clutch release cylinder 12.1602510-20



Description

The clutch release cylinder serves to transmit a control signal from the clutch pedal to the pneumatic-hydraulic amplifier.

Technical specifications:

Stroke: 35 mm
Cylinder Bore: 26 mm
Working pressure: 1.0 MPa (10.0 kgf / cm²)
Maximum pressure: 7.0 MPa (70.0 kgf / cm²)



The electromagnetic valve for the cooling system 121.3745110

Description

The electromagnetic valve (hereinafter referred to as the EMV) for the cooling system 121.3745110 is designed to control the flow (quantity change) of the coolant ("Antifreeze") through the radiator of the vehicle's heater.

Technical specifications

Outer diameter of connecting pipes, $\varnothing 20$ mm
 Diameter of mounting holes, mm $\varnothing 6.5$
 electric current type constant
 Operating voltage, V: 24

Electric pneumatic valve 13.3745000 / -10

Description

The electro pneumatic valve (hereinafter referred to as EPV) is used in the pneumatic system of motor vehicles and technological equipment in order to efficiently control the flow of compressed air in the control lines. In EPV 13.3745000 / -10: the supply "11" - the supply of air to the device; "21" - air outlet from the apparatus to the user; "3" - the air in the atmosphere.

Technical specifications

Working pressure of compressed air, MPa from 0.2 to 1.05
 Connecting thread:
 M10x1-6N GOST 8724-2002 (for 13.3745000)
 M12x1.5-6N GOST 8724-2002 (for 13.3745000-10)
 Electrical connector Bayonet connector DIN 72585-A1-2.1-Sn / K1
 electric current type constant
 Operating voltage, V: 24



Electropneumatic valve 14.3745010 / -10

Description

Designed to connect or disconnect tires with a source of compressed air. It is controlled by the supply of electrical voltage.

Technical specifications:

Working pressure, MPa (kgf / cm²): 0.65 - 0.85 (6.5 - 8.5)
 Electrical connection: bayonet electrical connector to DIN 72585-A1-21-Sn / K1
 Current type: constant
 Voltage, V: for 14.3745010: 24
 Voltage, V: for 14.3745010-10: 12
 Current, And: 0,7
 Temperature range, ° C: from minus 45 to plus 80
 Weight, kg: 2.2



Position Sensor 11.2948010



Used in the ECAS system. Used to determine the value of movement.

Technical specifications

Bayonet: DIN 72585-A1-2.1-Sn / K2.

AC voltage: 8-16 V.

Measuring principle: inductive.

Current consumption, max: 90mA.

Operating temperature, ° C: from minus 40 to plus 80

Working environment: air.

Analog: Wabco441 050 121 0

Multiple circuit protective valve 13.3515610



Step pressure limiting in multi-circuit brake systems. The electronic block of pressure sensors allows you to control the pressure in the working brake circuits.

Technical specifications

Operating temperature, ° C: from minus 40 to plus 80.

Working environment: air.

Maximum pressure, MPa: 1.3 MPa

Connecting thread - M22 × 1.5

	Circuit	
Opening pressure, MPa	21, 22	0,9 _{-0,03} MPa
	23, 24	0,75 _{-0,03} MPa
Давление закрытия, MPa	21, 22	No more 0,7 MPa
	23, 24	No more 0,45 MPa
Closing pressure, MPa	21, 22	1,0±0,02 MPa
	23, 24	0,85 _{-0,04} MPa
Bypass pressure, MPa	21, 22	No less 1,18 MPa
	23, 24	No less 0,98 MPa

Pressure sensor

Power supply: 5 V ± 10%

Allowable overpressure: 1.6 MPa

Current consumption, max: 30 mA

Analog: Wabco 934 705 005 0



Air dryer 14.3536008 / -10

Description

Designed for installation in the pneumatic system of trucks, buses, trolley buses. The air dryer provides drying of the air injected by the compressor into the pneumatic system of the vehicle, and maintaining the pressure in the system within the specified limits.

Parameters	14.3536008/-10
Pressure of switching compressor to discharge mode MPa	0.81±0.02
The difference between the pressures in the mode of discharge and filling of the compressor (switching range) MPa	0.06 ^{+0,04}
Pressure limited by safety valve MPa	0.95...1.32
The pressure difference between the inlets 1 and terminal 21 MPa, max	0.06
Thread size of the cartridge attachment	M39x1.5
Noise level dB max	72
Dew Point reserve °C	20
Indicator reliability of switching-on cycles	1.0*10 ⁶
The durability index of switching cycles	1.15*10 ⁶
Heater element specification	
Rated voltage, V	24 ⁺⁶⁻³
Power W	100±20
Turn-on temperature °C	Plus 7 ⁺²⁻⁶
Turn-off temperature °C	Plus 27±4
Degree of protection	Ip57