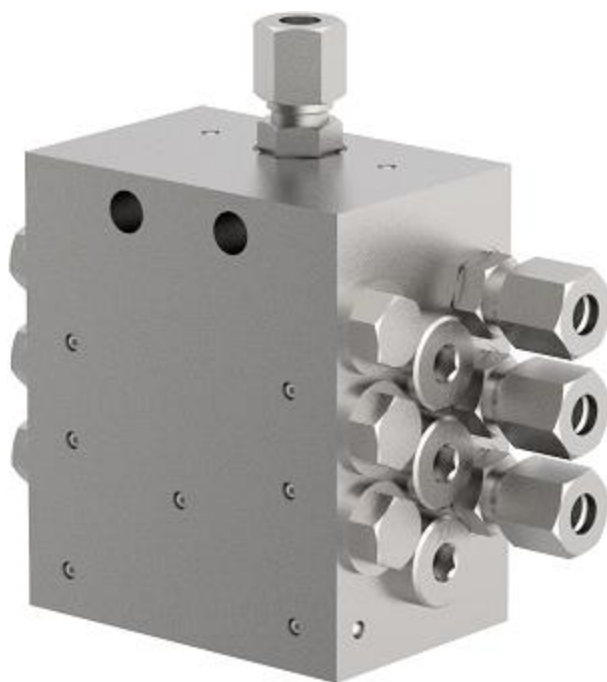


PRODUCT MANUAL

Progressive Block divider progressive

Series SSVD



AUTOL

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Legal disclosure

Manufacturer

Zhengzhou Autol Technology CO.,LTD.,
 Add: Hehuan Rd, 96, Zhengzhou High-Tech Zone, China
 E-Mail: info@autol.net
 Website: www.autolgroup.com

Training courses

To provide a maximum of safety and economic viability, Autol Technology carries out detailed training courses. It is recommended that the training courses are attended. For more information, please contact Autol Technology.

Copyright

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Warranty and extent of warranty

Inappropriate intervention will rule out your warranty claim!

Warranty regarding operational safety, reliability and performance of the lubricating pump is only accepted by the manufacturer under the following conditions:

- Assembly, connection, setting, maintenance and repair are carried out by authorized and specialized staff.
- The limits stipulated in the technical data must never be exceeded.
- Only original components or components approved by the manufacturer may be used for repair and maintenance work.

All guarantees and warranties expire for damages to central lubrication systems that are caused by operation with improper lubricants (e.g., piston wear, piston jamming, plugins, embrittled sealings).

Autol Technology does not assume liability on damages caused by lubricants, even if these lubricants have been tested and released by laboratory tests, as damages caused by lubricants (e.g., by expired or improperly stored lubricants, batch variations etc.) can not be retraced to their root cause in retrospect.

Service address

Hehuan Rd, 96, Zhengzhou High-Tech Zone, China
 Tel.: +86 400 6836 862

Disclaimer

The manufacturer shall not be held responsible for damages caused by:

- Non appropriate use faulty assembly, operation, setting, maintenance, repair or accidents
- Use of inappropriate lubricants
- Improper or late response to malfunctions
- Unauthorized modifications of the product
- Intent or negligence
- Use of non-original Autol Technology spare parts
- Faulty planning or layout of the centralized lubrication system

Liability for loss or damage resulting from the use of our products is limited to the maximum purchase price. Liability for consequential damages of whatever kind is excluded.

Safety instructions

General information

Any safety-related faults must be eliminated without delay.

Below, please find fundamental instructions to be complied with, regarding assembly, operation and maintenance. The mechanical and the competent specialists / staff of the operating company must read the Operating Instructions on all accounts prior to starting assembly and commissioning. Moreover, the Operating Instructions must permanently be available on site.

Not only the safety instructions included under this item, but also the specific safety instructions appearing in other parts of this manual must be complied with.

General risk information

All system components have been designed with operational safety and accident prevention in mind, in accordance with the applicable regulations for the design of technical work equipment.

It should be noted, however, that the use of these systems may present certain risks to the user of third parties, as well as to the technical equipment itself. Therefore, it is of the utmost importance that the system is only used for its intended purpose and in compliance with the relevant safety regulations and operating instructions, provided that the system is in a technically perfect condition.

Explanation of symbols



Safety instructions which, if not complied with, may endanger persons, are marked specifically with the general hazard symbol:



This heading is used if inaccurate compliance or non-compliance with the Operating Instructions or specified work procedures etc. may result in damage



Points out Special Information

Delivery, Returns and Storage

Delivery

After receipt of the shipment, check the shipment for damage and completeness according to the shipping documents. Immediately report any transport damages to the forwarding agent. Keep the packaging material until any discrepancies are resolved. During in-house transport ensure safe handling.

Returns

Clean all parts and pack them properly (i.e., following the regulations of the recipient country) before returning them. Protect the product against mechanical influences such as impacts. There are no restrictions for land, sea or air transport.

Storage

Autol Technology products are subject to the following storage conditions:

dry, dust- and vibration-free in closed premises
 no corrosive, aggressive materials at the place of storage (e. g. UV rays, ozone)
 protected against pests and animals (insects, rodents, etc.)
 possibly in the original product packaging
 shielded from nearby sources of heat and coldness
 in case of high temperature fluctuations or high humidity take adequate measures (e. g. heater) to prevent the formation of condensation water

Storage conditions for parts filled with lubricant



The conditions mentioned in the following will have to be adhered to when storing products filled with lubricant,

Storage period of up to 6 months

The filled products can be used without having to take further measures.

Step for Storage period from 6 to 18 months - Divider

1. Remove all connection lines and closure screws
2. Connect the pump which has been filled with new lubrication grease suitable for the application purpose to the divider
3. Let the pump run until new lubricant leaks from the divider
4. Remove leaked lubricant
5. Reinstall closure screws and connection lines

Lubricant

The system has been designed for commercially available multi-purpose greases of NLGI class 2 for operation in summer and winter.

- Use greases with high-pressure additives (EP greases).
- Only use greases of the same saponification type.
- Lubricants containing solid contents must not be used (lubricants like graphite or MoS₂ on request).
- Observe the vehicle manufacturer's specifications, when you select the lubricant.



Hazards to environment cause by lubricants

The lubricants which are recommended by the manufacturer of your vehicle, system or machine correspond in their composition to the common safety regulations. Mineral oils and greases are generally hazardous to ground water and their storage, processing and transport requires special precautions.

Inadmissible methods of operation



Operational security of the plant is only guaranteed if it is operated in accordance with the operating instructions. The limit values stated in the technical data must not be exceeded under any circumstances.

Transport and storage of the divider

The dividers of the series SSVD are packed commercially, according to the regulations of the recipient country and to the wish of the customer. There are no limitations with respect to land, air or sea transport. Store in a dry place at a temperature of -5° C to +35° C.

Commissioning

Connect the pump properly to the designated connections. Check the device for functionality and the presence of safety features.

Ensure that all warning labels are present, undamaged, and clearly visible. If this not the case, they must be replaced immediately.

Deviating from Intended Use is strictly Prohibited

Please adhere to the technical specifications provided in the manual and do not exceed the specified limits.

Improper use is strictly prohibited. Only use lubricants intended for this purpose. Make sure to use the product exclusively within its designated area of use.

Accompanying Documents

In addition to this manual, the following documents must be considered by the respective target audience:

- 1) Operational instructions and release regulations

If applicable:

- 2) Safety data sheet for the lubricant used
- 3) Project documentation
- 4) Supplementary information regarding special configurations of the pump. These can be found in the specific system documentation.
- 5) Instructions for additional components for the assembly of the central lubrication system.

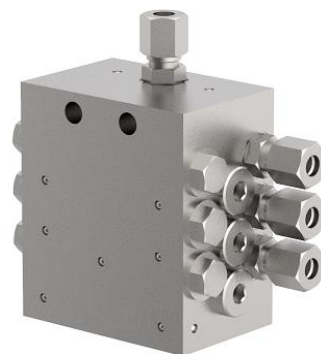
The pressurized lubricant moves the pistons in the SSVD divider subsequently from their initial position into their final position, whereby the lubricant in front of the piston is displaced to the connected lubrication point/secondary divider.

A piston will move only when the previous piston has reached its end position. When_x0002_ever all pistons have moved from their initial position into their final position and back into their initial position again, a lubrication circuit has been completed and all connected lubrication points/secondary dividers have been provided with lubricant.

The metering order of each piston is shown adjacently and can start or stop at any point. Depending on the specific metering device version, the lubricant quantity required for the respective lubrication point/ secondary divider can be increased by internal or external cross-porting of outlets and can be modified by means of metering screws in case of measurable metering devices.

Technical data

Max. operating pressure:	350 bar
Min. operating pressure:	20 bar
Operating temperature:	-40°C to 80°C
Lubricant:	Greases up to NLGI-Cl.2, No grease with solids, no oil
In-/ Outlet thread:	M10 x 1
Number of outlets:	6 - 22
Delivery quantity per outlet (cm ³ /stroke)	0,08-1,8

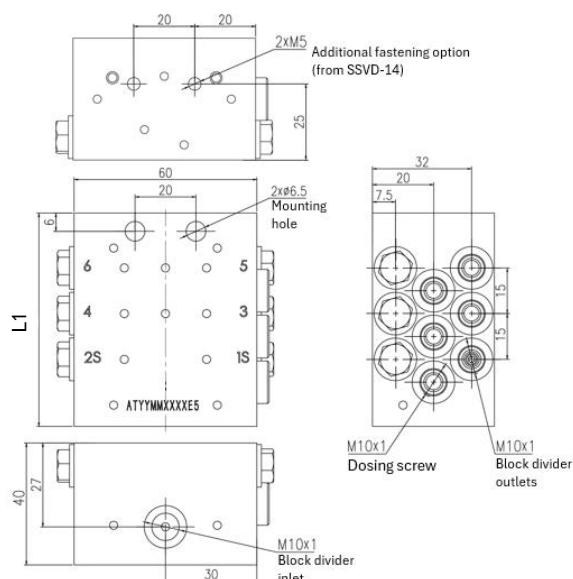


*Please note during assembly:
Vertical installation position (Piston of the
block divider in a horizontal position!)*

Divider body

Divider Series	Number of outlets	L1 mm	Weight (kg)
SSVD 6	6	70	1,2
SSVD 8	8	85	1,5
SSVD 10	10	100	1,8
SSVD 12	12	115	2,0
SSVD 14	14	130	2,2
SSVD 16	16	145	2,5
SSVD 18	18	160	2,8
SSVD 20	20	175	3,0
SSVD 22	22	190	3,2

* For the outlets Nr.1 and Nr.2 which have been marked with „1S“ and „2S“ are preinstalled with magnet pin on the piston and available for connecting the divider monitoring sensor.

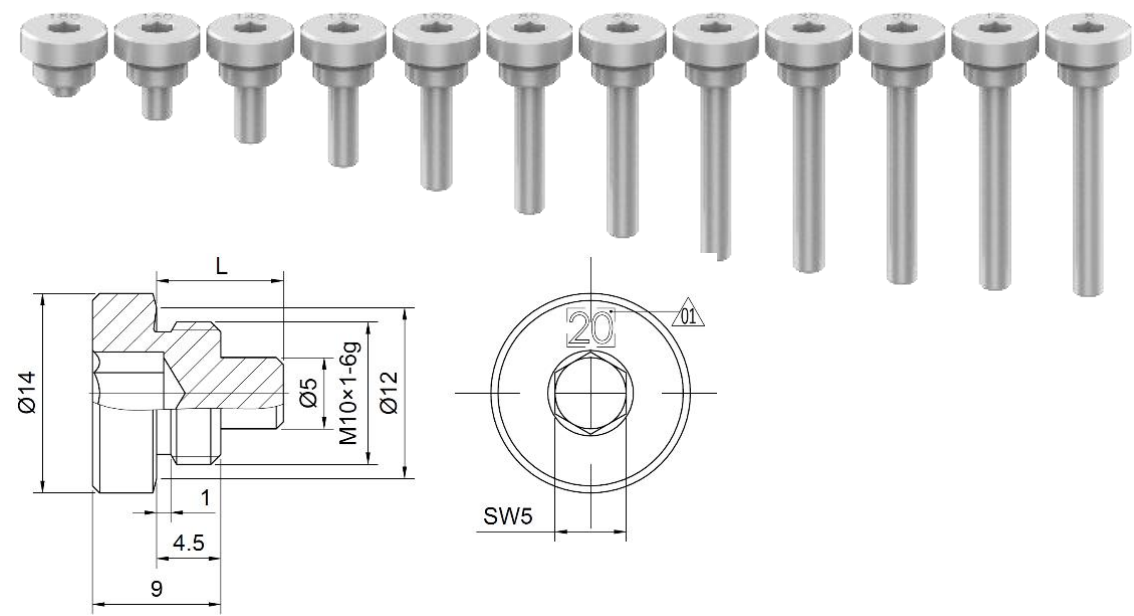


Dia. 8.1 Divider body

Overview

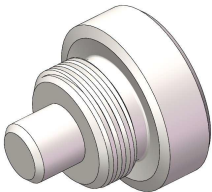
Dosing screw

In order to achieve the exact metering volume of different lubrication points, dosing screws with different metering volumes can be installed.



Dia. 9.1 Dosing screw

Dosing screw [cm³/Stroke]	Part No.	L [mm]	Weight [kg]
SSVD-0,08	15010368	41,0	0,013
SSVD-0,14	15010369	39,9	0,013
SSVD-0,20	15010370	38,9	0,012
SSVD-0,30	15010371	36,9	0,012
SSVD-0,40	15010372	34,9	0,011
SSVD-0,60	15010373	30,9	0,010
SSVD-0,80	15010374	26,9	0,010
SSVD-1,00	15010375	22,9	0,009
SSVD-1,20	15010376	18,9	0,009
SSVD-1,40	15010377	14,9	0,008
SSVD-1,60	15010378	10,9	0,008
SSVD-1,80	15010379	6,9	0,007



** This marking on the dosing screw is the indicator for the dosing volume.
For example, 20 means that the dosing volume is 0.2 cm³ per stroke.
Dosing screws are available from 0,08 to 1,80 cm³ / stroke.*

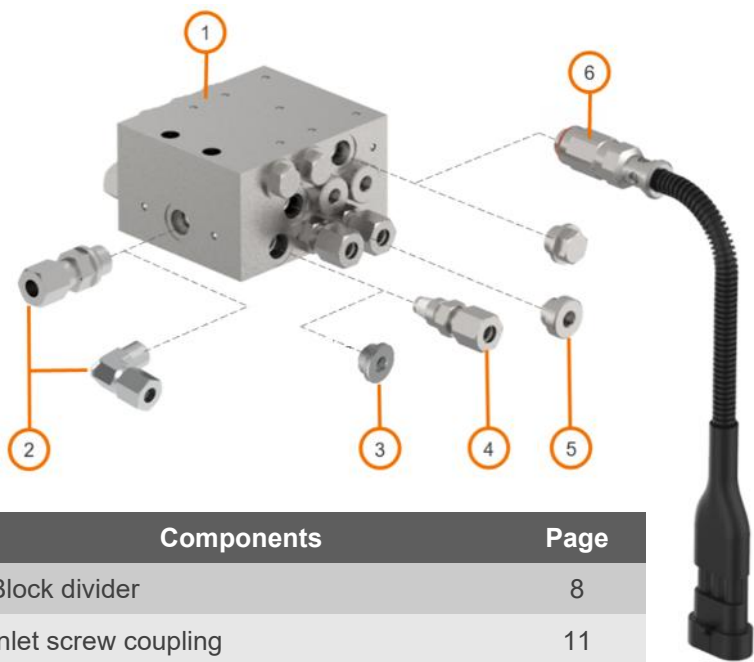


Install the dosing screws with a tightening torque of 19 ± 1 Nm.

Assembly and Components

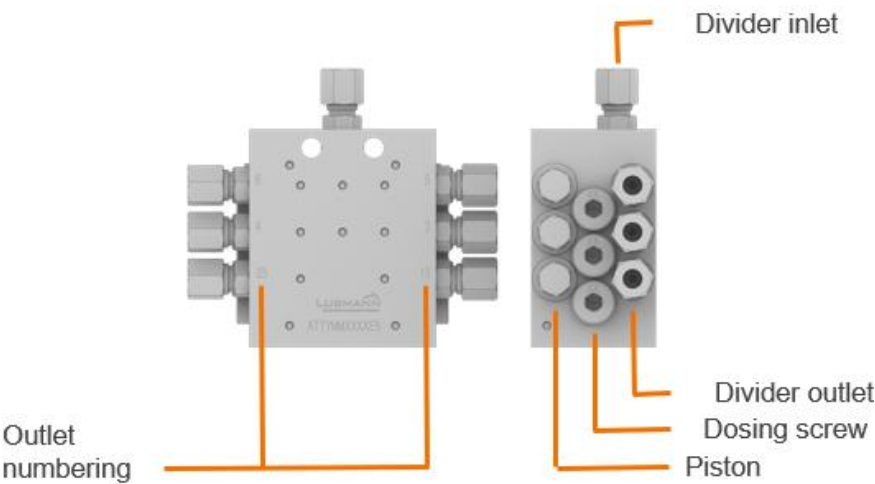
Block divider with attachments – Overview

The SSVD block divider can be used either as a main divider or as a secondary divider.



No.	Components	Page
1	Block divider	8
2	Inlet screw coupling	11
3	Screw plug	13
4	Outlet screw coupling	12
5	Dosing screw	9
6	Divider monitoring sensor with sealing ring	14

Identification and assignment of the outlets:



Inlet Screw Couplings

All screw couplings with M10x1k threads can be directly used for the inlet connection of the SSVD divider.



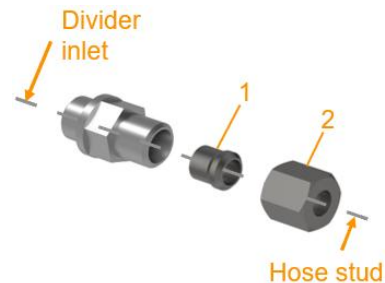
All screw couplings with M10x1 threads must be used together with a copper ring (or ED sealed) for the inlet connection.



Install the inlet screw coupling with a tightening torque of 22 ± 2 Nm.

Straight inlet screw couplings (Dia. 11.1)

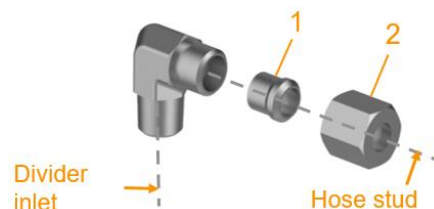
Description	Part No.
GE-D6LL-M10x1k-ST-ZnNi *	9900111
GE-D8LL-M10x1k-ST-ZnNi *	9900112
GE-D6LL-M10x1 (SW14-ED)-ST-ZnNi	3050100890
GE-D8LL-M10x1-(ED)-ST-ZnNi	3050104830



Dia. 11.1 Straight inlet screw coupling

Elbow screw coupling (Dia. 11.2)

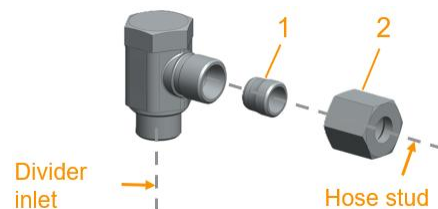
Description	Part No.
WE-D6LL-M10x1k-ST-ZnNi	9900147
WE-D8LL-M10x1k-ST-ZnNi	9900149



Dia. 11.2 Elbow screw coupling

Elbow swivel connector (Dia. 11.3)

Description	Part No.
WS-D6LL-M10x1-(DK)-ST-ZnNi	9900323
WS-D8LL-M10x1-(DK)-ST-ZnNi	9900324



Dia. 11.3 Elbow swivel connector

Spare parts for Inlet screw couplings

	Description	Part No.
Pos. 1	Cutting ring-single edge-SRE-D6LL-ST-ZnNi	9900209
	Cutting ring-single edge-SRE-D8LL-ST-ZnNi	9900211
Pos. 2	Union nut-D6LL-ST-ZiNi	9900199
	Union nut-D8LL-ST-ZiNi	9900202

Outlet Screw Couplings

If the block divider is used as the main divider, an outlet screw coupling with non-return valve must be used at the outlet to the secondary divider. A high-pressure hose with a pre-assembled hose stud is installed as a connection.

If the block divider is used as a secondary divider, an outlet screw coupling with a non-return valve or a push-in coupling with a non-return valve must be used at the outlet. The connection to the lubrication point can be made with a high-pressure hose, polyamide hose or steel pipe.



All screw couplings with sealing cone can be directly installed at the divider outlets.
All screw couplings with M10x1 threads must be used together with a sealing ring (or ED sealed) for the divider outlets.



Install the inlet screw coupling with a tightening torque of 22 ± 2 Nm.

Connector *	High pressure hose ø 6 mm	Steel pipe ø 6 mm	PA Hose ø 6 mm
RGE	With hose stud Y *	✓	✓
PGES	With hose stud Y1 / N *	----	✓

*For more informations about hose studs, check the accessories catalog.

Non return valve with sealing cone (Brass)(Dia. 12.1)

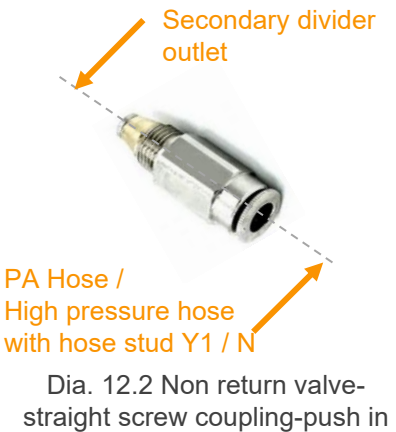
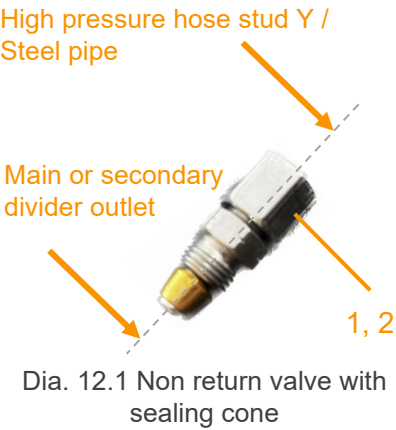
Description	Part No.
RGE-6LL-M10x1-ST-ZnNi	3050101710

Spare parts for non-return valves with sealing cones

	Description	Part No.
Pos. 1	Cutting ring-single edge-SRE-D6LL-ST-ZnNi	9900209
Pos. 2	Union nut-D6LL-ST-ZiNi	9900199

Non return valve-straight screw coupling-push in (Dia. 12.2)

Description	Part No.
RGES-D6-M10x1-with sealing cone (MS)-150 bar-MS-Ni	9900243



Screw plug divider outlet

The function of the screw plug for the divider outlet is to forward the delivery quantity determined by the dosing screw to the corresponding next outlet. The sum of both dosing quantities is conveyed at this output.

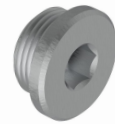

ATTENTION

When installing this screw plug, a sealing ring must be installed.



Install the screw plug with a tightening torque of 19 ± 1 Nm.


Description	Part No.
Screw plug-DIN910-M10x1-ST-ZnNi	3012003935



Dia. 13.1 Screw plug divider outlet

Divider accessories

The SSVD block divider can be monitored using a sensor. As standard, magnetic pins are installed in the piston at the outlets 1# and 2#. Here, a sensor can be mounted at the outlet on the right or left as required. The sensor is damped by the piston movement. The sensor sends the signals to the grease lubrication pump control unit. If the divider blocks, the grease lubrication pump control unit detects that no signals are being sent via the sensor.





PNP: Sensor signal is NO (+).
Standard for ALP-Series


Divider monitoring - Sensor

Description	Part No.
Sealing steel ball for divider outlet separation-D3-ST	3014000616
Kit-sensor-divider monitoring-SSVD_SSVD-M10x1-AMP_M_3P-PNP	2111000147

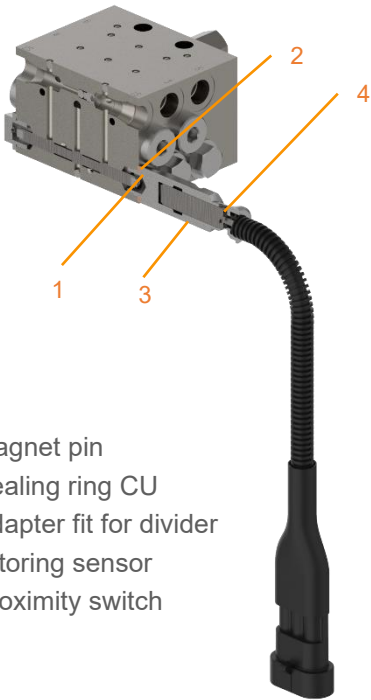
Technical data:

Working principle:	solenoid
Thread of divider connection:	M10x1
Plug of the sensor:	AMP_M_3P
Switching output:	PNP
Operating current:	200 mA
Operating voltage:	10 to 30 V DC
Temperature Range:	- 25 °C to + 85 °C
Visual display:	LED
Housing material:	Stainless steel
Protection Type:	IP 67
Approval/Conformity:	cULus/CE/WEEE/EAC

- 
- When installing a sensor on the progressive divider, pay attention to the installation space!
- 
- Install the divider monitoring sensor with a tightening torque of 15 ± 1 Nm.

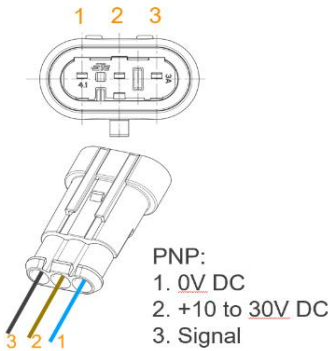


ATTENTION
The part number of the Sensor-Kit include the adapter and sealing ring. The connection cable between the monitoring sensor and the lubrication pump is NOT included in the scope of delivery!
For information about suitable cables, check “Divider monitoring – Cables”.



- 1- Magnet pin
- 2- Sealing ring CU
- 3- Adapter fit for divider monitoring sensor
- 4- Proximity switch

Dia. 14.1 Divider with monitoring sensor kit



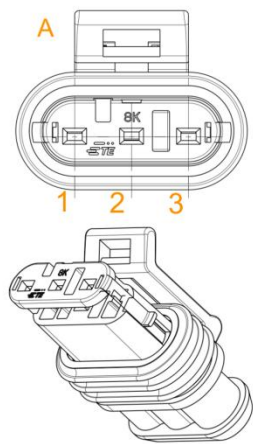
Dia. 14.2 Divider monitoring sensor wiring connection

Divider monitoring - Cables



The connecting cable between the sensor and the lubrication pump must be ordered separately.

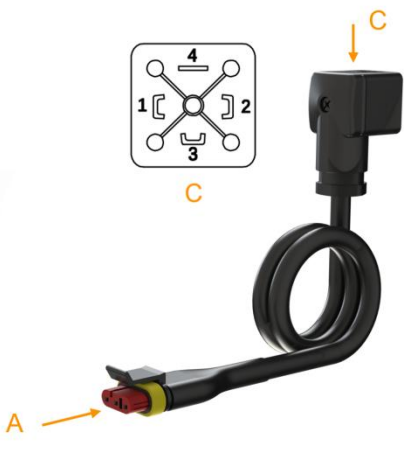
Description	Part No. Cable kit-divider monitoring-with BD-Plug	Part No. Cable kit-divider monitoring-with HSC-Plug
Length 5,0 m:	2110012410	2110010539
Length 7,5 m:	2110012409	2110002734
Plug of the sensor:	TE - AMP Super Seal 1.5 SRS. 3P Stecker (IEC 529 and ISO 20653)	
Plug at the lubrication pump:	RD24 Serie 693	Device plug GDM 3011 J (DIN EN 175 301-803-A)



Dia. 15.1
Plug of divider



Dia. 15.2
Cable kit-divider
monitoring-with BD-Plug



Dia. 15.3
Cable kit-divider
monitoring-with HSC-Plug

Divider Accessories

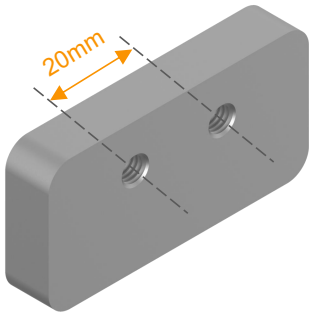
Divider mounting bracket

As an important accessory of the divider, the divider bracket is widely used in the installation of automatic lubrication systems. Especially when customers prefer that the installers do not drilling on their equipment.

In our accessories catalogue you can find many more types of divider mounting brackets.



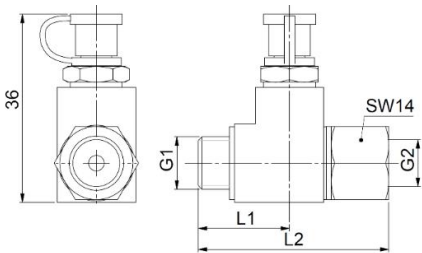
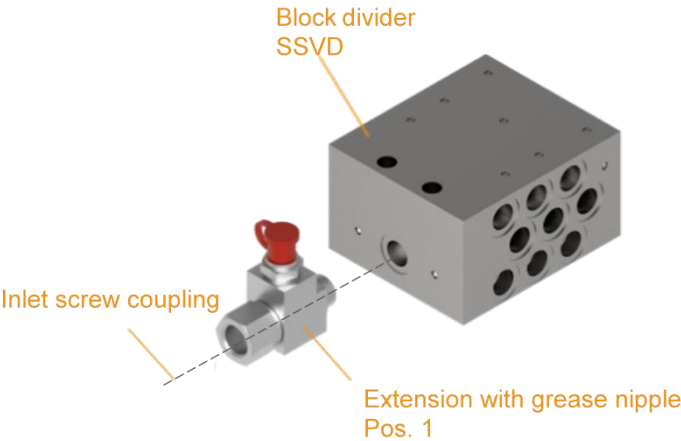
When selecting a suitable divider bracket, please note that the distances between the mounting holes vary between divider series.



Dia. 16.1 Divider mounting bracket

Banjo with grease nipple (Swivel)

As an option, a banjo with grease nipple is provided to using a manual or hydraulic pump to refill the grease directly at the inlet connection of the divider.



Dia. 16.2 Banjo with grease nipple

Description	Part No.	G1	G2	L1	L2	SW1	Material	Remark
Pos. 1	3050105240	M10x1	M10x1	17,5	38,5	14	ST-ZnNi	Swivel



Please check the hoses between the banjo and the pump before starting refilling grease from the banjo!

Working principle

General

Block divider supply lubrication points with lubricant in a progressive lubrication system.

The pistons of the progressive block divider are moving in sequence by hydraulic pressure, whereby each grease outlet discharges the grease to the different lubricating points following the sequence.

The delivery rate per outlet is determined by the installed dosing screws. Different sizes can be installed here.

A piston stroke is only carried out after the previous piston has reached the end position (complete piston stroke). All connected lubrication points are supplied with lubricant when a divider circulation is completed during operation. To do this, all pistons must have been moved from the initial to the final position and back again.

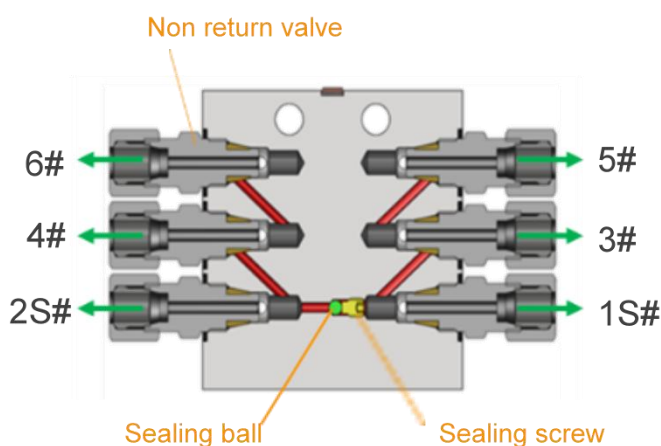
To monitoring the proper functioning of the block divider, a divider monitoring sensor can optionally be installed.

Divider external combination principle

To meet the volume demand of the different greasing points under various application environment, sometimes it is necessary to combine the outlets of the divider internally to achieve more possibilities of the flow rate combination.

Divider without combination

As shown in the Diagram right, the red slanted holes represent the channel connecting the two adjacent grease outlets. Each divider is only installed with a sealing screw and sealing steel ball at the bottom piston (for outlets 1# and 2#) of the divider body.



Dia. 17.1 Divider without combination



ATTENTION

For divider with sealing screw and sealing steel ball, none of the outlets 1# and 2# can be blocked by a blind plug.

Working principle

Divider with combination (combination one side)

As shown in the Diagram below, all outlets are blocked by blind plugs.

By that the outlets will be merged downward with the adjacent outlet. The opposite outlets cannot be bridged because the flow direction is exclusively vertical.

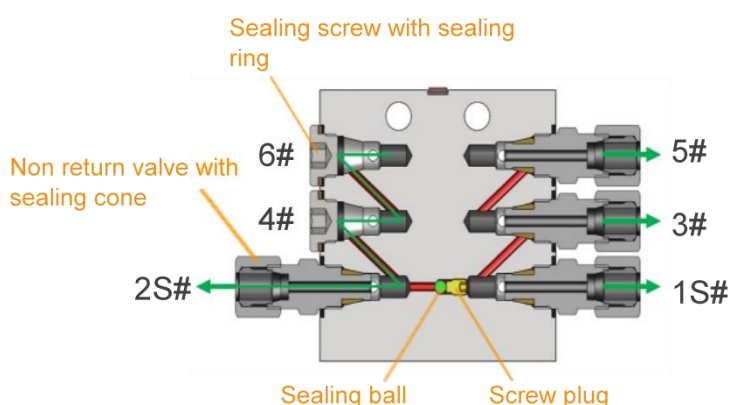
The delivery rate per stroke is determined by the installed dosing screws.



For a divider with a sealing screw and sealing steel ball, NONE of the outlets 1# and 2# can be blinded by a blind plug.

Example 1: When the outlet 6# is blocked, the grease flows into outlet 4#, and the flowrate of discharged grease from 4# is twice as before (flowrate of 4# + 6#).

Example 2: When the outlet 6# and outlet 4# are blocked at the same time, the grease flows into the 2# and grease is discharged from outlet 2# and the flowrate of the discharged grease from 2# is tripled (flowrate of 2# + 4# + 6#).



Dia. 18.1 Divider with combination (combination one side)

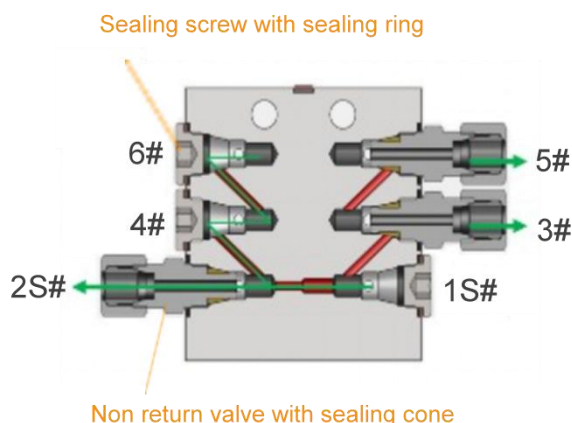
Divider with combination (combination both sides)

When the combined outlets on one side cannot meet the flowrate requirements, the sealing screw and sealing steel ball can be removed from the outlet 1# and implement with a blind plug either on 1# or 2, and the grease on the opposite side can be merged in.



For SSVD dividers, outlets 1# and 2# cannot be blocked at the same time. The merging of the outlets in different sides can only be realized through the outlets 1# and 2#.

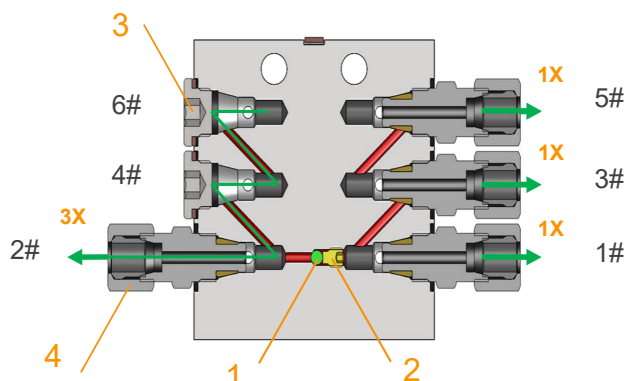
Example: A divider with 6 outlets needs 4 outlets to be combined and discharge 4 times of the flowrate as usual from the 2# outlet, then 1#, 4# and 6# need to be blocked with a blind plug and remove the sealing screw and sealing steel ball.



Dia. 18.2 Divider with combination (combination both sides)

Working principle

Part numbers of components for combination



Dia. 19.1 Part numbers of components for combination

	Description	Part No.
Pos. 1	Sealing steel ball for divider outlet separation-D3-ST	3049000450
Pos. 2	Sealing screw for divider outlet separation-M4-ST	3040102550
Pos. 3	Screw plug-DIN908-M10x1-ST-ZnNi	3010401940
Pos. 4	Non return valve-RGE-6LL-M10x1-with sealing cone (MS)-ST-ZnNi	3050101710



Install the In-/outlet screw coupling with a tightening torque of 22 ± 2 Nm.

Install the screw plug with a tightening torque of 19 ± 1 Nm.

Install the sealing screw for divider outlet separation with a tightening torque of $2,5 \pm 0,2$ Nm.

Commissioning / Assembly

Check the device for functionality and the presence of safety features.

Ensure that all warning labels are present, undamaged, and clearly visible. If this is not the case, they must be replaced immediately.

Please adhere to the technical specifications provided in the manual and do not exceed the specified limits. Improper use is strictly prohibited. Only use lubricants intended for this purpose.

Make sure to use the product exclusively within its designated area of use.



Please note during assembly:

Vertical installation position

(Piston of the block divider in a horizontal position!)

We recommend filling the lubrication hoses with lubricant before assembly, this will vent the system and shorten the time for commissioning.

There are two mounting holes $\varnothing 6,5$ mm on the block divider for fastening.

Mount the block divider at the planned position with the appropriate torque according to the lubrication plan.

From the block divider size SSVD-14 onwards, there are two M5 threaded mounting holes on the bottom side for additional fastening.

An outlet fitting (with non-return valve) or sealing screw must be installed on each divider outlet.

Start the grease lubrication pump until lubricant comes out without bubbles at all outputs of the block divider. Connect the block divider properly with lubrication lines to the intended secondary dividers or lubrication pump.

Make sure that all lubrication lines are installed correctly.



During operation, ensure that there is sufficient lubricant in the lubrication pump.



Please note the applicable documents!

Troubleshooting

Fault	Possible Cause	Solution
Lubrication points get no or insufficient lubricant	Lubrication pump is empty	Refill lubricant
	Wrong dosing quantity at the divider	Replace the dosing screw according to the requirements.
	Clogged or broken lubrication hose	Replace lubrication hose
	Unsuitable lubricant	Replace lubricant
	Unsuitable or defective outlet fittings (non-return valve) at the divider outlets	Check outlet fittings and replace if necessary
	Blockage before the inlet of the main divider	Disconnect the hose from the pump to the main divider and check whether lubricant is leaking from the hose. If no lubricant is dispensed, the defect is from the hose to the main divider or the grease lubrication pump.
	Blockage on main divider	Disconnect the hose from the main divider to the secondary divider individually and check whether lubricant is leaking at the outlet of the main divider. If no lubricant is dispensed, the cause is from the main divider or the hose. Clean / replace the main divider if necessary.
	Blockage on secondary divider	Disconnect the hose from the secondary divider to the lubrication point individually and check whether lubricant is leaking at the outlet of the secondary divider. If no lubricant is dispensed, the cause is from the secondary divider or the hose. Clean / replace the secondary divider if necessary.
	Blockage of a lubrication point	Disconnect the hose from the secondary divider to the lubrication point individually and check whether lubricant is leaking at the outlet of the secondary divider. If lubricant is dispensed, the cause is from the lubrication point. Clean / replace the grease nipple if necessary.
A lubricant point gets too much or not enough lubricant	Wrong dosing quantity at the block divider	Replace metering screws as required.
	Incorrect pump setting	Check the pump working and pause time, and adjust if necessary.



Please also note the information on “Troubleshooting” in the Product Manual for the grease lubrication pump used.

To check, the grease lubrication pump must be in operation and several lubrication cycles must have run so that the main divider and any secondary dividers are sufficiently supplied with lubricant.

SSVD Order Key

SSVD	-	4	/	5	-	111	-	3/4/7	-	8/14/20/30	-	0	-	000
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No. of total outlets	
3 = 6 total outlets	7 = 14 total outlets
4 = 8 total outlets	8 = 16 total outlets
5 = 10 total outlets	9 = 18 total outlets
6 = 12 total outlets	10 = 20 total outlets
11 = 22 total outlets	

No. of valid outlets	
X = No. of valid outlets	

X <= No. of total outlets

Fittings in inlet and outlets							
	None	GE D6 mm	GE D8 mm	WE D6 mm	WE D8 mm	WS D6 mm	WS D8 mm
None	100	110	120	130	140	150	160
RGE	101	111	121	131	141	151	161
GE	102	112	122	132	142	152	162

Blinded outlets	
X/Y/Z = on outlet position X, Y and Z, the outlets have been blinded	

*It is **NOT** allowed to blind the position 1 and 2 on the same time for a SSVD divider.*

0 = there are no blinded outlets in the SSVD divider.

Dosing screw	8	14	20	30	40	60	80	100	120	140	160	180
Dosing volume in cm³ per stroke / outlet	0,08	0,14	0,20	0,30	0,40	0,60	0,80	1,00	1,20	1,40	1,60	1,80

Extra options	
1P = Outlet position 1 has been implemented with a PNP divider monitoring sensor	2P = Outlet position 2 has been implemented with a PNP divider monitoring sensor
0 = No extra options	

Customized code	
Standard version	000
Customized version	xxx



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