

FLOW REGULATOR SAS (SIZE 2)



CHARACTERISTICS

Volume:
7.1 to 31.5 l/min
fixed setting

Pipe connection:
G 3/4"

Range of viscosity:
- From 10 to 750
mm²/s

Operating pressure:
- 100 bar (1450 psi)

FLOW REGULATOR SAS (SIZE 2)

The flow regulator SAS is a pressure independent and monitored volume flow regulator. It is available from 7.1 l/min to 31.5 l/min and designed for pipe fitting.

Mode of operation:

A measuring orifice fixed in the flow regulator determines the volume flow. A control piston ensures constant pressure difference at the measuring orifice, regardless of the pressure difference of inflow P and outflow A. The volume flow is mostly pressure and temperature independent. The function is ensured if the pressure difference from P to A is min. 5.2 bar (75,4 psi) and the available volume flow is more than 10% than the relevant actual volume flow at the operating viscosity of the oil. The integrated signal generator reports if the volume flow is lower than max. 20% of the actual volume flow. If the green LED on the valve glows, volume flow is ok. The red LED reports no or a very low volume flow. A protective diode for the cut-off discharge of inductive loads is integrated
Detailed information under TA 308 20 602.



General

Type	Pipe fitting
Lubrication line connection	G 3/4"
Ambient temperature	From 32 to 176°F (from 0 to 80 °C)
Protection class as per EN60529	IP 67

Hydraulic system

Operating pressure	100 bar (1450 psi)
Displacement	7.1 to 31.5 l/min
Operating medium	Mineral and synthetic oils
Range of viscosity	From 10 to 750 mm ² /s

Order summary

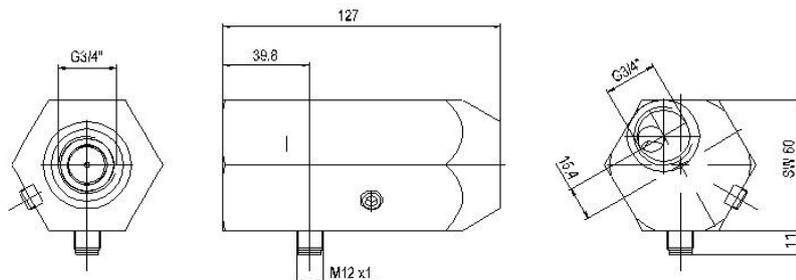
Discharge rate [l/min]	Single device type	Order number
7,10	SAS 07100	P30020651
8,00	SAS 08000	P30020652
10,00	SAS 10000	P30020654
12,50	SAS 12500	P30020656
14,00	SAS 14000	P30020657
16,00	SAS 16000	P30020658
18,00	SAS 18000	P30020659
20,00	SAS 20000	P30020660
25,00	SAS 25000	P30020662
31,50	SAS 31500	P30020664

APPLICATIONS

- Small machines
- Single point lubrication with oil

Sensor system

Function monitoring	
Nominal voltage	24 V DC
Switching current	≤130 mA
Connection	M12 x 1; 4-pole



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DropsA BM Germany GmbH products can be purchased at DropsA BM Germany GmbH GmbH branches and authorised distributors. Write to info.bm@dropsa.com

Distributor Info: