

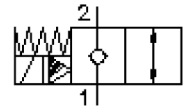
# 2 way, 2 position solenoid valve, poppet type (normally closed)

SV3-12.-C-0-.....

**MS-240-119-00**

(subject to change)

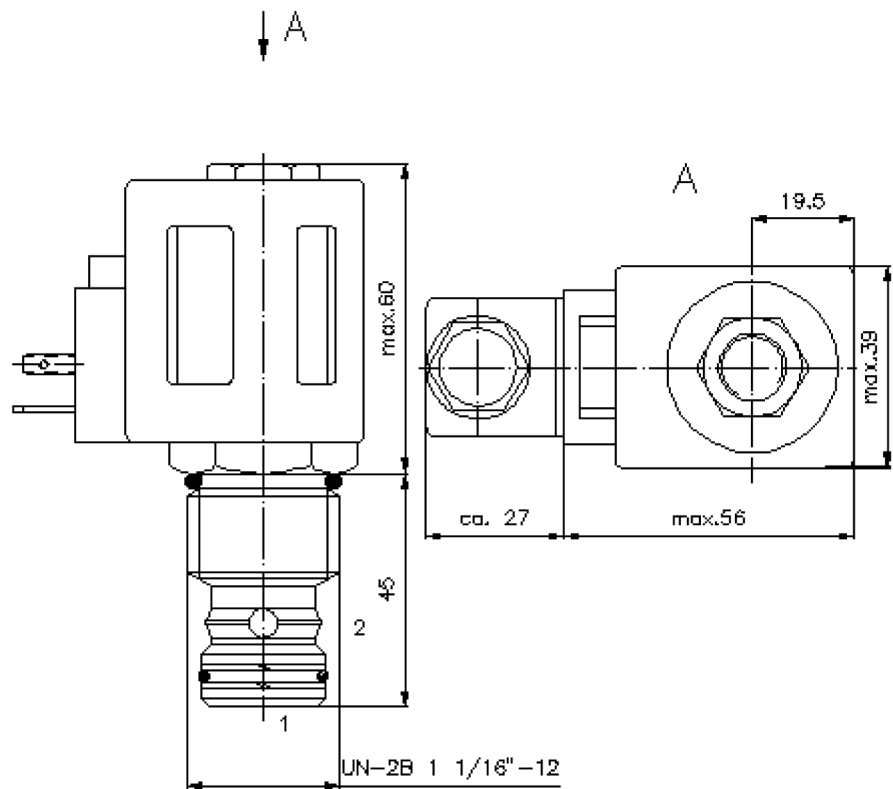
**FAT•N**



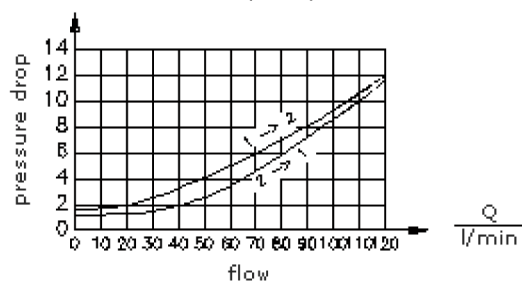
HEX 3/4"  
(torque  
cartridge:  
5 - 8 Nm)

HEX 1 1/4"  
(torque  
cartridge:  
85 - 94 Nm)

cavity:  
C-12-2  
see  
data-sheet no.:  
[IK-100-129-00](#)



$\frac{\Delta p}{\text{bar}}$   $\Delta p$ -Q-characteristic  
at 22 cSt (50°C)



# 2 way, 2 position solenoid valve, poppet type (normally closed)

SV3-12.-C-0-.....

MS-240-119-00

(subject to change)

FAT•N

## Ordering example:

SV3 - 12N - C - 0 - 024D - G  
|        |        |        |        |        |  
**A**    **B**    **C**    **D**    **E**    **F**

## Model code:

- A design**  
solenoid valve  
poppet type valve  
pilot operated
- B size and sealing**  
12N = Buna (NBR)  
12V = Viton (FPM)
- C symbol function mode**  
C = normally closed
- D construction**  
0 = screw-in valve
- E voltage**  
DC current:  
012D = 12V DC  
024D = 24V DC  
AC current:  
120A = 120V AC  
240A = 240V AC  
other voltage on request
- F power supply**  
G = DIN 43650 connector, other  
connectors see data sheet no.: MS-010-000-00

## Technical Data:

<b>nominal pressure:</b>	210 bar
<b>nominal flow:</b>	114 l/min
<b>weight:</b>	0.4 kg
<b>temperature range:</b>	-40°C to 120°C
<b>fluids:</b>	hydraulic oil as per DIN 51524 T1 (ISO TC 131)
<b>max. leakage:</b>	5 drops/min at 22 cSt (50°C) and 210 bar
<b>seals:</b>	optional Buna (NBR) or Viton (FPM), as well as Teflon wascher (PTFE)
<b>power consumption:</b>	20 W
<b>response times:</b>	with 100% change of current, nominal pressure and approx. 80% of the flow open: 75 ms close: 150 ms
<b>cavity:</b>	C-12-2 see datasheet no. <a href="#">IK-100-129-00</a>
<b>housing:</b>	2LH-12.-B.. see datasheet no. <a href="#">IH-100-000-00</a>
<b>seal kit:</b>	SP-MDS-12N-22 (NBR), SP-MDS-12V-22 (FPM)