

2-way flow control screw-in valve (fixed)

FR1-16.-F-0-.....



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FAT•N

MF-120-160-00

(subject to change)

Ordering example:

FR1 - 16N - F - 0 - 09.00
| | | | |
A **B** **C** **D** **E**

Model code:

- A** **design**
flow regulator valve
- B** **size and sealing**
16N = Buna (NBR)
16V = Viton (FPM)
- C** **adjustment**
F = fixed
- D** **construction**
0 = screw-in valve

- E** **quantity adjustment**
requested regulated flow
Q specify in gpm
1 l/min = 0.265 Gpm
(1 Gpm = 3.785 l/min)
regulation tolerance
2.0 - 11.0 l/min ±15%
11.0 - 114.0 l/min ±10%

Technical Data:

nominal pressure:	210 bar
nominal flow:	114 l/min
weight:	0.33 kg
temperature range:	-40°C to 120°C
fluids:	hydraulic oil as per DIN 51524 T1 (ISO TC 131)
seals:	optional Buna (NBR) or Viton (FPM), as well as Teflon wascher (PTFE)
cavity:	C-16-2 see datasheet no. IK-100-169-00
housing:	2LH-16.-B.. see datasheet no. IH-100-000-00
seal kit:	SP-MDS-16N-21 (NBR), SP-MDS-16V-21 (FPM)