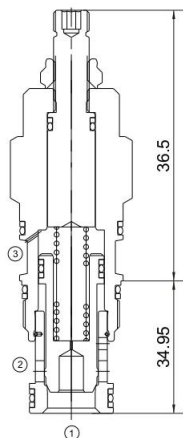


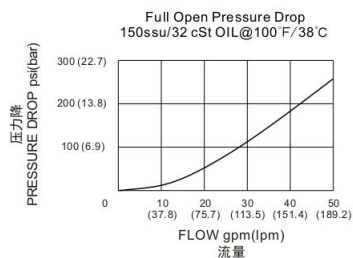


MLOFA

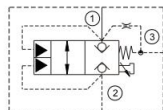
液控逻辑阀（外控开启）
Hydraulic control logic Valve
(Vent-to-open)



压力-流量性能曲线
Performance Curve Pressure
Drop vs. Flow



机能符号 Symbol



技术参数 Specifications

· 工作压力 Operating Pressure	350BAR
· 流量 Flow	200L/min
· 内泄漏 Internal Leakage	0.7 ml/min.max.at 24cst
· 温度 Temperature	-30°C to +120°(-22°F to +250°F)
· 面积比 Area Ratio	□3 to □1: 1.8: 1 □3 to □2: 2.25: 1
· 插孔 Cavity	T-2A see page K-1
· 流体 Fluids	Mineral-based fluids with viscosities of 7.4 to 420 cSt.

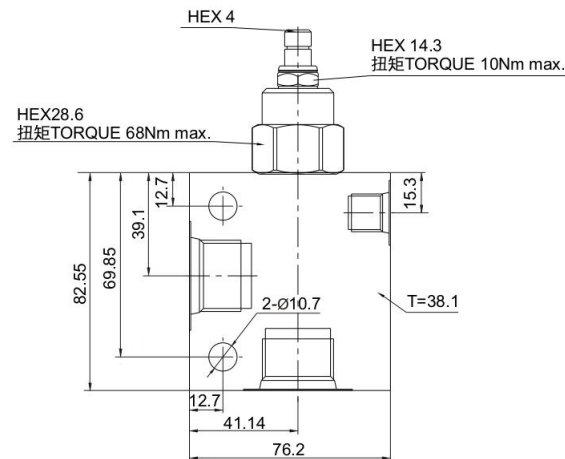
产品特性 Features

- 此类阀在口2与先导口之间有着有效密封
These valves have positive seals between port 2 and the pilot area
- 因为此类阀为非平衡，所以切换取决于压力。锥阀芯的打开和关闭是三个区域的力平衡结果：口1区域=100%，口2区域=80%，和先导口区域=180%
Because these valves are unbalanced, operation is pressure dependent. Opening and closing of the poppet are functions of the force balances on three areas: Port 1 = 100%, Port 2 = 80%, and the Pilot Area = 180%.
- 所有端口都可以接受5000 psi (350 bar) 的压力
All ports will accept 5000 psi (350 bar)

工作 Operation

此阀为非平衡，外控开启，2通逻辑开关单元。此阀在弹簧偏置下处于关闭状态且用口1作为先导源。当堵住口3，此阀在口1到口2方向上会保持关闭状态。口2到口1方向上可单向流通。当口3透气，只要有足够的压力克服弹簧力，逻辑阀将开启。口3产生的作用力加上弹簧力必须比口1和口2产生的作用力之和大，阀才能保持关闭状态。
注意：先导面积（□3）是口1作用面积的1.8倍且为口2作用面积的2.25倍。
These unbalanced, vent-to-open logic valves are 2-way switching elements that are spring-biased closed and have port 1 as a pilot source. With port 3 blocked, the valve will remain in the closed position in the 1 to 2 direction and will function as a check valve from 2 to 1. With port 3 vented, the valve will open provided there is sufficient pressure to overcome the spring force. The force generated at port 3, plus the spring force, must be greater than the sum of the forces acting at port 1 and port 2 for the valve to remain closed.
NOTE: The pilot area (port 3) is 1.8 times the area at port 1 and 2.25 times the area at port 2.

安装尺寸 INSTALLATION DIMENSIONS



订购型号 Order Type

MLOFA - * * * - * *

I II III IV V

- | | | |
|---|---|---|
| I. 调节方式 Adjustment
L=行程调节 Stroke Adjustment | IV. 阀块材质 BODY MATERIAL
A=6061-T6铝
耐压强度207Bar
6061-T6 aluminum
alloy rated at 207Bar
S=钢材 耐压强度350Bar
steel rated at 350Bar | V. 阀块油口 BODY PORTING
6T=SAE 6T
12T=SAE 12T
6G=G3/4
6N=NPT3/4
其他螺纹油口是可选择的
Other porting is available |
| II. 开启压力 Cracking Pressure
D=50psi(3.5bar) | | |
| III. 油封 Seal-Kits
N=丁腈橡胶 Buna N
V=氟橡胶 Viton | | |

