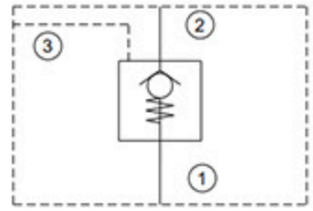
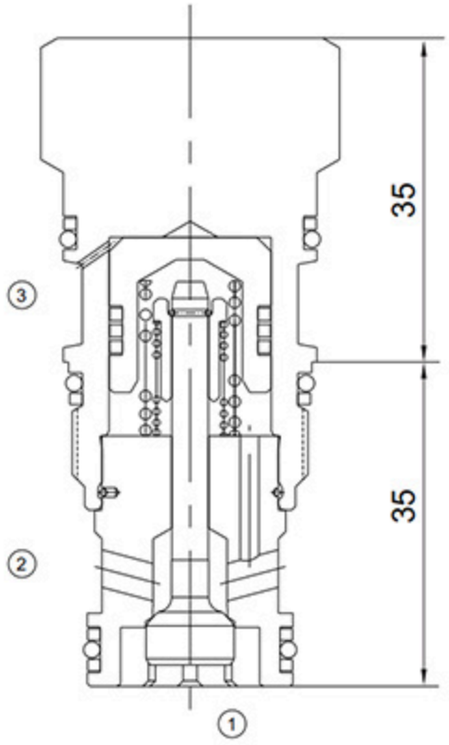
MCKEB

液控单向阀
Pilot Check Valve

机能符号 Symbol





技术参数 Specifications

· 工作压力 Operating Pressure	350BAR
· 流量 Flow	120L/min
· 先导比 Pilot Ratio	3:1
· 内泄漏 Internal Leakage	0.07ml/min.max.at operating pressure
· 温度 Temperature	-30°C to +120°C(-22°F to+250°F)
· 插孔 Cavity	T-2A see page K-1
· 流体 Fluids	Mineral-based fluids with viscosities of 7.4 to 420 cSt.

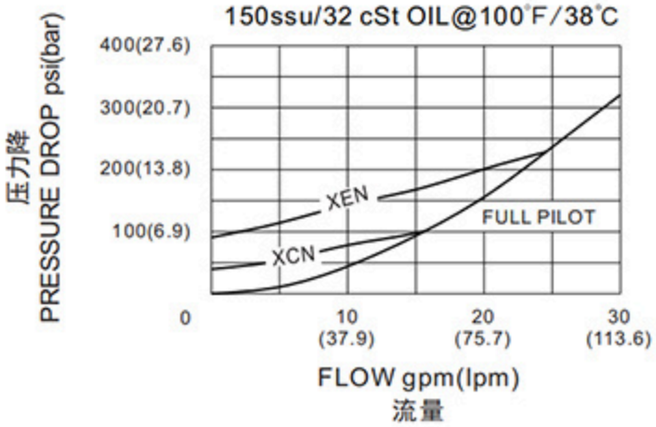
产品特性 Features

· 提供软管爆裂保护功能，防止负载坠落，很好地锁住高压负载
Provides hose break protection, prevents loads from drifting and positively locks pressurized loads.

· 非常低的泄漏量。阀座和阀芯经过热处理可以有更长的使用寿命。如果负载由于阀发生了移动，说明阀座处很有可能被污染物损坏了，阀需要被替换。
Extremely low leakage. The seat and poppet are heat treated for long life. If the load drifts due to the valve, the seat has probably been damaged by contamination and the valve should be replaced.

· 标准未完全密封的先导油路可以使得困在先导油液中的空气排出油路。
Standard unsealed pilot allows air trapped in the pilot line to be purged from the circuit.

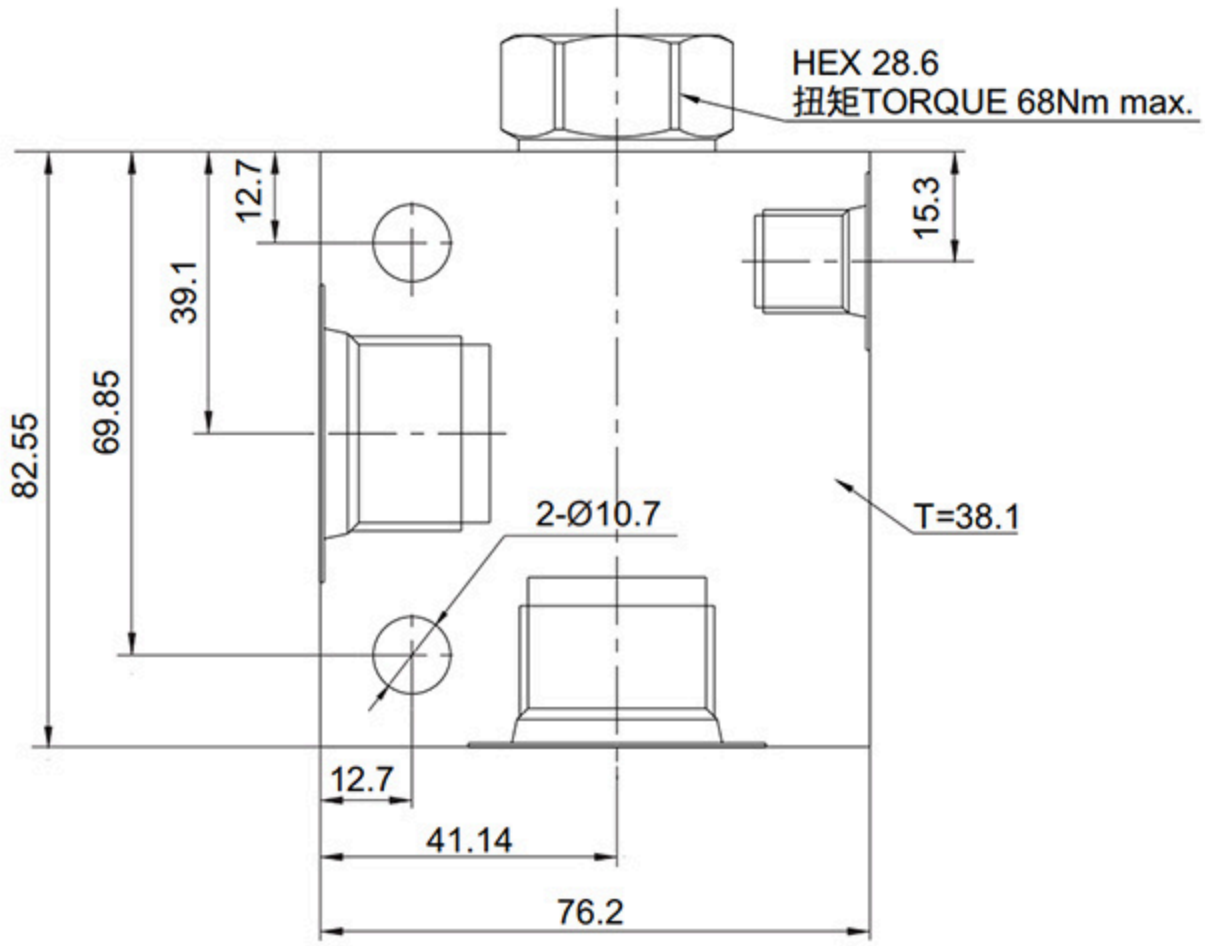
压力-流量性能曲线
Performance Curve Pressure Drop vs.Flow



工作 Operation

此阀为先导液控单向阀。它具有非密封导压，钢质阀座并且为非透气型。它允许液流从阀口（口2）向负载口（口1）自由流动，截止其反向液流。先导口（口3）的压力使阀开启从口1到口2的流道。口3需要的开启先导压力与口1的负载压力直接成正比。口2压力将直接抵抗先导压力。
This valve is a pilot to open check valve. It has a non-sealed pilot, a steel seat, and is non-vented. It allows free flow from the valve (port 2) to the load (port 1) and blocks flow in the opposite direction. Pressure at the pilot (port 3) will open the valve from port 1 to port 2. Pilot pressure needed at port 3 to open the valve is directly proportional to the load pressure at port 1. Pressure at port 2 directly opposes pilot pressure.

安装尺寸 INSTALLATION DIMENSIONS



订购型号 Order Type

MCKEB – ＊ ＊ ＊ – ＊ ＊

Ⅰ Ⅱ Ⅲ Ⅳ Ⅴ

Ⅰ. 调节方式 Adjustment
X=不可调整 Nonadjustable

Ⅱ. 开启压力 Cracking Pressure
A=4psi(0.3bar)
B=15psi(1bar)
C=30psi(2bar)
D=50psi(3.5bar)
E=75psi(5bar)
F=100psi(7bar)
Z =1psi(0.07bar)

Ⅲ. 油封 Seal-Kits
N=丁腈橡胶 Buna N
V=氟橡胶 Viton

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