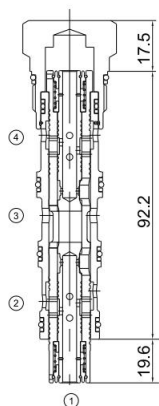




## MFSDA

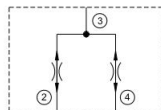
分流集流阀  
Flow Dividers/Combiners



### 性能 Performance

分配比 Split	50:50	
输入流量 Input Flow	最大比率 Max Rated	最小比率 Min Rated
	15 gpm (60 lpm)	3 gpm (12 lpm)
额定精度 Input Flow	±2.5%	±4.5%
最大可能流量范围 Maximum possible Flow Variation	7.1-7.9gpm (28.5-31.5lpm)	1.36-1.64gpm (5.5-6.5lpm)

### 机能符号 Symbol



### 技术参数 Specifications

· 工作压力 Operating Pressure	350BAR
· 流量 Flow	12-60L/min
· 温度 Temperature	-30°C to +120°C (-22°F to +250°F)
· 插孔 Cavity	T-32A see page K-7
· 流体 Fluids	Mineral-based fluids with viscosities of 7.4 to 420 cSt.

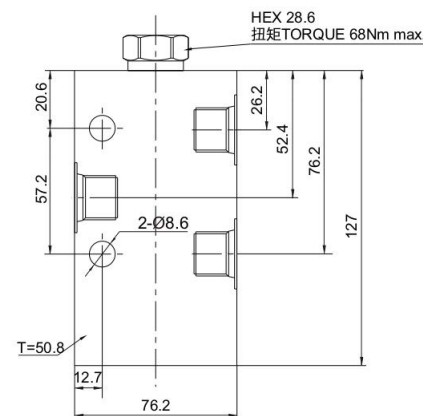
### 产品特性 Features

- 在集流模式下，补偿特性将会使低负载油路接收到更多的流量。如果没有采用同步方案，执行器将会有累积误差。  
In combining mode, compensating characteristics will cause the circuit with the lowest load to receive the higher percentage of flow. If a synchronization feature is not included, an additive accuracy error will be experienced with each full stroke of the actuator.
- 在马达回路中，将马达固定一起的刚性结构，以此保证马达同步的结构，无论是路面的车轮还是输送机链轮，都会产生空穴，锁定或者压力激增的现象。  
In motor circuits, rigid frames or mechanisms that tie motors together, and/or complete mechanical synchronized motion of the output shaft of the motors, either by wheels to the pavement or sprockets to conveyors, will contribute to cavitation, lock-up and/or pressure intensification.

### 工作 Operation

中位封闭分流/集流阀为滑阀芯，具有压力补偿效果，可用在一个方向上分流并在相反方向集流。此类阀可以对双向流量需求的两个或者以上的液压缸或者液压马达进行精确的流量控制。  
Closed-center flow divider/combiners are sliding-spool, pressure-compensated devices used to split flow in one direction and combine flow in the opposite direction. These valves may be used to accurately control two or more cylinders or hydraulic motors where bidirectional operation is required.

### 安装尺寸 INSTALLATION DIMENSIONS



### 订购型号 Order Type

MFSDA - \* \* \* - \* \*

I II III IV V

- I. 调节方式 Adjustment  
X=不可调整 Nonadjustable
- II. 流量分配比 Flow Split  
A=50:50

- 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  
8T=SAE 8T  
12T=SAE 12T  
3G=G3/8  
3N=NPT3/8  
其他螺纹油口是可选择的  
Other porting is available