

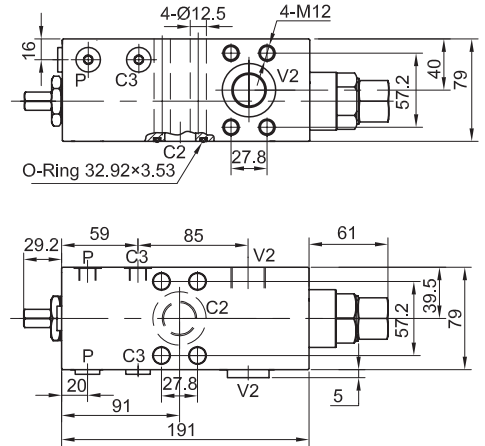
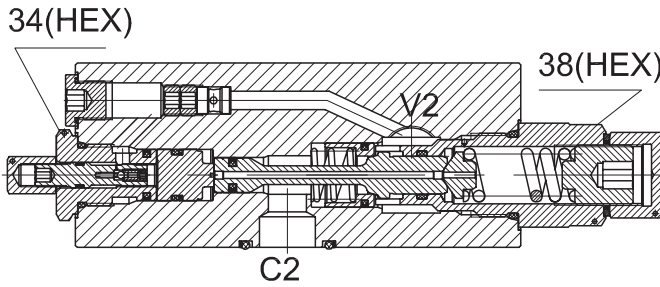
# SCB-MMB-SE42-FA-73

带刹车释放油口 单向平衡阀组



## 说明 DESCRIPTION

Single counterbalance manifolds with brake release port for winches flangeable  
带刹车释放油口单向平衡阀组

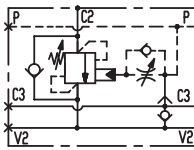


## 工作 OPERATION

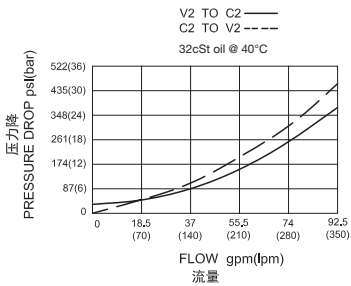
When pressure at V2 rises above the spring bias pressure, the check seat is pushed away from the piston and flow is allowed from V2 to C2 .When load pressure at C2 rises above the pressure setting, the direct operated, differential area ,relief function is activated and flow is relieved from C2 to V2. With pilot pressure at P, the pressure setting is reduced in proportion to the stated ratio of the valve, until opening and allowing flow from C2 to V2. The spring chamber is drained to V2, and any back-pressure at V2 is additive to the pressure setting in all functions.Through port C3,an incorporated shuttle valve directs either P or V2 line pressure to the spring actuated brake for brake opening.

当 V2 口压力升高超过单向阀开启压力时， 单向阀 V2 口到 C2 口开启。当 C2 口负载压力升高超过弹簧的设定值时 ,C2 口到 V2 口过载溢流。当先导 P 口压力升高， 使得溢流阀的压力设定按照液控比成比例降低，直到开启并允许油液从 C2 流向 V2。弹簧腔与 V2 口连通， V2 口的任何背压都添加到所有功能的压力设定。通过 C3 口， 内置的梭阀将 P 口或 V2 口的压力引导至弹簧驱动的制动器，从而打开制动器。

## SYMBOL



## 压力 - 流量曲线 PRESSURE DROP VS.FLOW



## 技术参数 SPECIFICATIONS

最大工作压力(Max.Operating Pressure):	350bar
流量(Flow):	See PRESSURE DROP VS.FLOW graph.
控制比(Pilot Ratio):	13: 1
内泄漏(Internal Leakage):	5 drops/min(滴/分). at nominal pressure
温度(Temperature):	-40°F to +250°F(-40°C to +120°C)
过滤(Filtration):	See page (参见) N-1
油液(Fluids):	Mineral-based fluids with viscosities of 7.4 to 420 cSt.(矿物油粘度)
阀块材料(Body Material):	Steel & Ductile iron rated to 350bar 钢和球铁允许使用最大压力350bar

## 订货代号 TO ORDER

**SCB - MMB - SE42 - FA - 73 - 13 - 35**

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| <p><b>1 功能</b><br/>SCB= 单向平衡阀<br/>Single Counterbalance Manifolds</p> <p><b>2 安装类型 Mounting Type</b></p> <p><b>3 规格 Size</b></p> | <p><b>4 连接油口 Connection Porting</b><br/>V2-C2=1 SAE6000 C3-P=G 1/4</p> <p><b>5 控制比 Pilot Ratio</b><br/>13=13:1</p> | <p><b>6 调压范围 Spring Range</b><br/>35=3625-7250psi(250-500bar)<br/>Preset:3000psi(210bar) 102bar/ 圈<br/>固定设定值 psi(bar) Q=5l/min</p> |
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