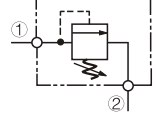
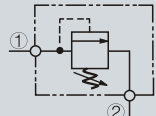
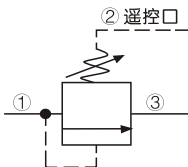
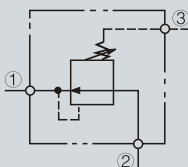
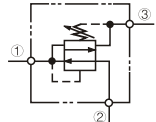
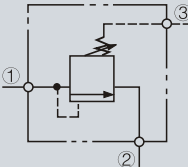
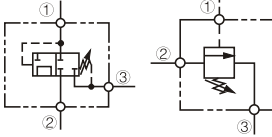
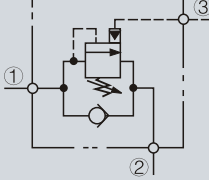
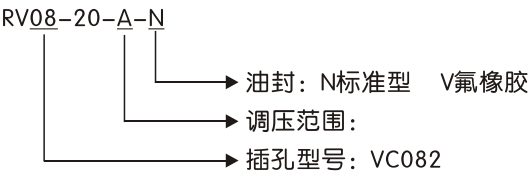


压力控制阀目录

名称 Description	液压符号 Symbol	产品型号 Type	最大流量 (L/Min) Flow Rate	插孔形式 Cavity	页码 Page
直动式溢流阀 Relief,direct-acting		RV08-20	20	VC082	17
		RV09-20	50	VC092	18
先导式溢流阀 Relief,pilot-operated		RV06-26	60	VC062	19
		RV10-26	80	VC102	20
		RV09-26	100	VC092	21
先导式溢流阀 (带遥控口) Relief,pilot-operated (vented)		RV06-30	60	VC063	22
		RV09-30	90	VC093	23
		RVT2-A0	100	VCT2A	24
		RVT17-A0	250	VCT17A	25
减压阀 Reducing		PR06-30	30	VC063	26
		PR09-30	50	VC093	27
		PRT2-A0	60	VCT2A	28
		PRT17A-A0	140	VCT17A	29
减泄压阀 Reducing/Relieving		PR06-31	30	VC063	30
		PR09-31	50	VC093	31
		PR12-31	100	VC123	32
顺序阀 Sequence		PS06-30	60	VC063	33
		PS09-30	90	VC093	34
		PST2-A0	100	VCT2A	35
		PST17-A0	250	VCT17A	36
外导型顺序阀 Sequence		PS06-31	10	VC063	37
抗衡阀 Couterbalance		PCS06-30	45	VC063	38
		PCS09-30	85	VC093	39
		PCST11-A0	45	VCT11A	40
		PCST2-A0	85	VCT2A	41
		PCST17-A0	200	VCT17A	42

注：以上产品最高压力为35Mpa

选购规格 Order Type:



PCS06-30 抗衡阀 Counterbalance

订购型号 Order Type

PCS06-30-①-②-③

①调压范围

A: 2.5-11 MPa

B: 7-30 MPa

②导压比

T: 1:3

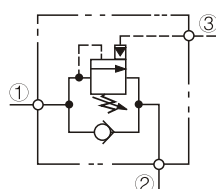
Q: 1:4.5

D: 1:10

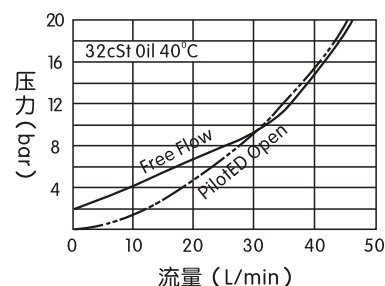
③油封

N: 标准型

V: 氟橡胶



流量曲线 Performance (Cartridge Only)

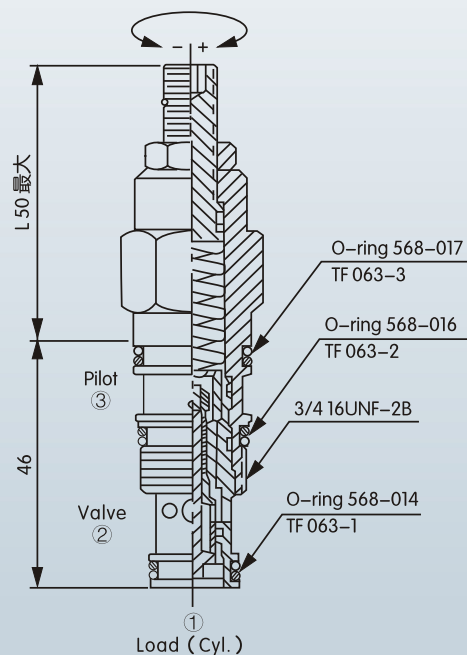


特性 Features

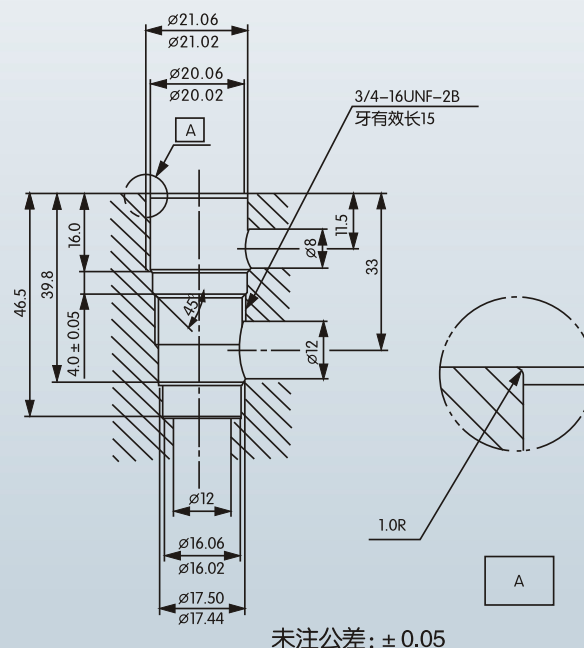
- 该阀的体积小，反应快速，压力稳定。
- 油液的清洁度为NAS11级，需要25um或更精密的过滤器。
- 最大流量：45 L/min。
- 该阀最高使用压力：31.5Mpa。
- 工作油温：-20~80℃。

- Compact size, fast response, pressure stability, the pressure in order to facilitate movement control.
- Oil NAS11 level of cleanliness for the need to 25um or more sophisticated filters.
- Maximum Operating flow rate: 45L / min.
- Maximum operating pressure: 31.5Mpa.
- Working oil temperature: -20 ~ 80 °C.

尺寸图 Dimensions



阀孔尺寸 VC063



PCS09-30 抗衡阀 Counterbalance

订购型号 Order Type

PCS09-30-①-②-③

① 调压范围

A: 2.5-11 MPa

B: 7-30 MPa

② 导压比

T: 1:3

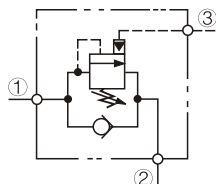
Q: 1:4.5

D: 1:10

③ 油封

N: 标准型

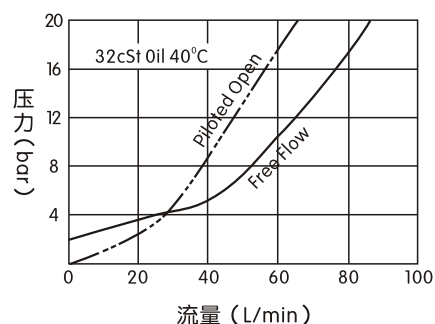
V: 氟橡胶



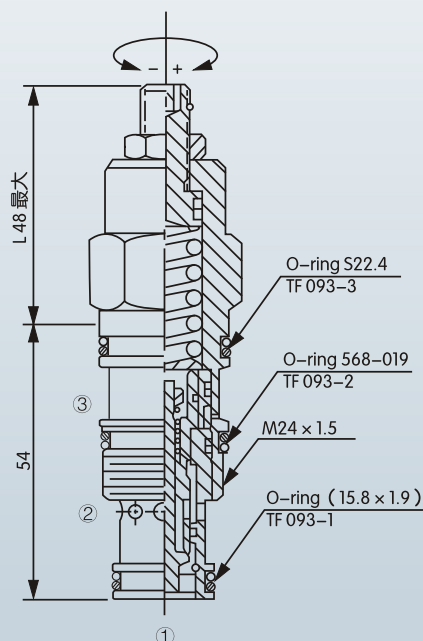
特性 Features

- 该阀的体积小，反应快速，压力稳定。
- 油液的清洁度为NAS11级，需要25um或更精密的过滤器。
- 最大流量：85 L/min。
- 该阀最高使用压力：31.5Mpa。
- 工作油温：-20~80℃。

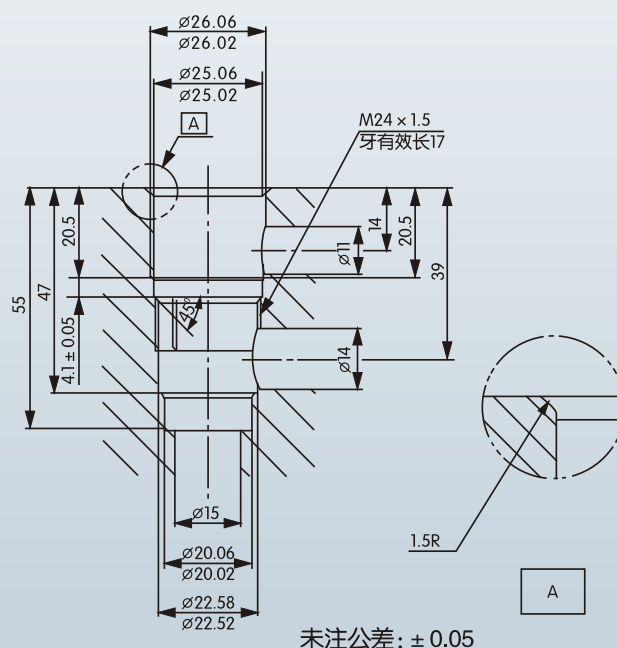
流量曲线 Performance (Cartridge Only)



尺寸图 Dimensions



阀孔尺寸 VC093



N: 标准型
V: 氟橡胶

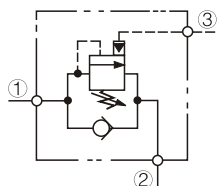
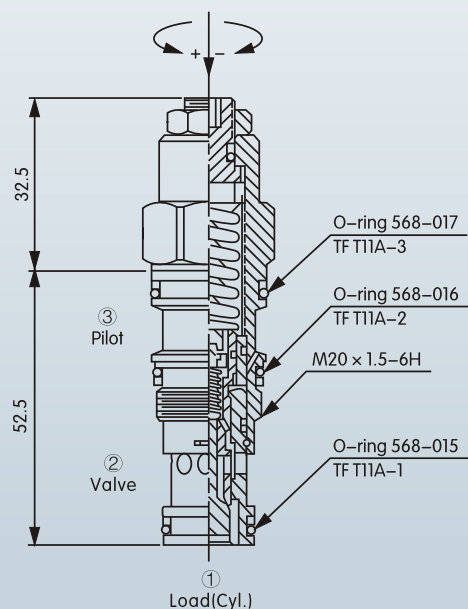


Figure 1 is a graph showing Pressure (bar) versus Flow Rate (L/min) for 32cSt Oil at 40°C. The graph compares three flow conditions: Free Flow, Pilot Open, and Pilot Closed. The Y-axis represents Pressure (bar) from 0 to 20, and the X-axis represents Flow Rate (L/min) from 0 to 50. The Free Flow curve (solid line) starts at approximately 2.5 bar at 0 L/min and rises to 20 bar at 45 L/min. The Pilot Open curve (dashed line) starts at 0 bar at 0 L/min and rises to 20 bar at 45 L/min. The Pilot Closed curve (solid line) starts at 0 bar at 0 L/min and rises to 20 bar at 45 L/min.

- 该阀的体积小，反应快速，压力稳定。
- 油液的清洁度为NAS11级，需要25um或更精密的过滤器。
- 最大流量：45 L/min。
- 该阀最高使用压力：31.5Mpa。
- 工作油温：-20~80℃。

- Compact size, fast response, pressure stability, the pressure in order to facilitate movement control.
- Oil NAS11 level of cleanliness for the need to 25um or more sophisticated filters.
- Maximum Operating flow rate: 45L / min.
- Maximum operating pressure: 31.5Mpa.
- Working oil temperature: -20 ~ 80 °C.

附手动释压功能
正转螺杆，减低设定压力



Technical drawing of a mechanical part, likely a bearing housing, showing a cross-section with dimensions and a detail view of a chamfer.

Dimensions and Features:

- Top Section:**
 - Overall width: $\varnothing 21.82/21.87$
 - Inner width: $\varnothing 18.54/18.64$
 - Radius: $R0.5$
 - Chamfer: 45°
 - Internal feature: 16
- Locating Shoulder:**
 - Feature: LOCATING SHOULDER
 - Installation reference line: 安装基准线
 - Thread: $M20 \times 1.5-6H$
- Bottom Section:**
 - Overall width: $\varnothing 21.11/21.21$
 - Inner width: $\varnothing 20.63/20.68$
 - Radius: $R0.5$
 - Chamfer: 45°
 - Internal feature: 16
 - Internal feature: 17.45
 - Internal feature: 13.5
 - Internal feature: $17.45/17.50$
- Right Section:**
 - Overall height: $35.18(35.05)$
 - Internal height: 27.38
 - Internal height: 12.7
 - Internal height: 3.96
 - Internal height: 17.48
 - Internal height: 5.56
 - Internal height: 18.26
 - Internal height: 10.72
 - Internal height: 0.83
- Detail View:**
 - Feature: $0.25 \times 45 \text{ MAX}$
 - Radius: $R0.5$
 - Chamfer: 45°
 - Internal feature: $17.45/17.5$

未注公差: ± 0.05

PCST2-A0 抗衡阀 Counterbalance

订购型号 Order Type

PCST2-A0-①-②-③

① 调压范围

A: 7-18 MPa

B: 14-35 MPa

② 导压比

T: 1:3

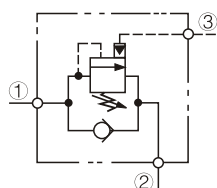
Q: 1:4.5

D: 1:10

③ 油封

N: 标准型

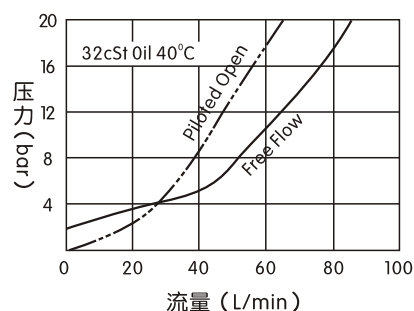
V: 氟橡胶



特性 Features

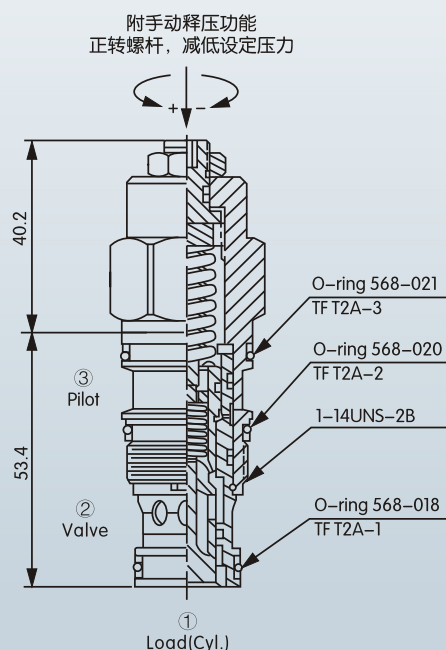
- 该阀的体积小，反应快速，压力稳定。
- 油液的清洁度为NAS11级，需要25um或更精密的过滤器。
- 最大流量：85 L/min。
- 该阀最高使用压力：35Mpa。
- 工作油温：-20~80℃。

流量曲线 Performance (Cartridge Only)

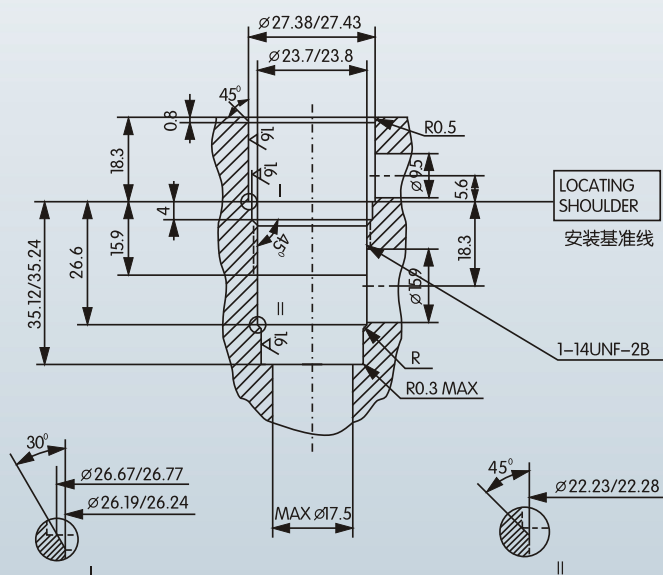


- Compact size, fast response, pressure stability, the pressure in order to facilitate movement control.
- Oil NAS11 level of cleanliness for the need to 25um or more sophisticated filters.
- Maximum Operating flow rate: 85L / min.
- Maximum operating pressure: 35Mpa.
- Working oil temperature: -20 ~ 80 °C.

尺寸图 Dimensions

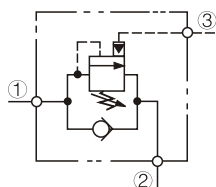


阀孔尺寸 VCT2A



未注公差: ± 0.05

V: 氟橡胶



- 该阀的体积小，反应快速，压力稳定。
- 油液的清洁度为NAS11级，需要25um或更精密的过滤器。
- 最大流量：200 L/min。
- 该阀最高使用压力：35Mpa。
- 工作油温：-20~80℃。

Figure 1 is a graph showing Pressure (bar) on the Y-axis versus Flow Rate (L/min) on the X-axis for 32cSt Oil at 40°C. The Y-axis ranges from 0 to 20 bar, and the X-axis ranges from 0 to 240 L/min. Two curves are plotted: 'Free flow' (solid line) and 'pilot open' (dashed line). The 'Free flow' curve starts at approximately (0, 2.5) and rises to (200, 20). The 'pilot open' curve starts at approximately (0, 1.5) and rises to (200, 18).

附手动释压功能
正转螺杆，减低设定压力

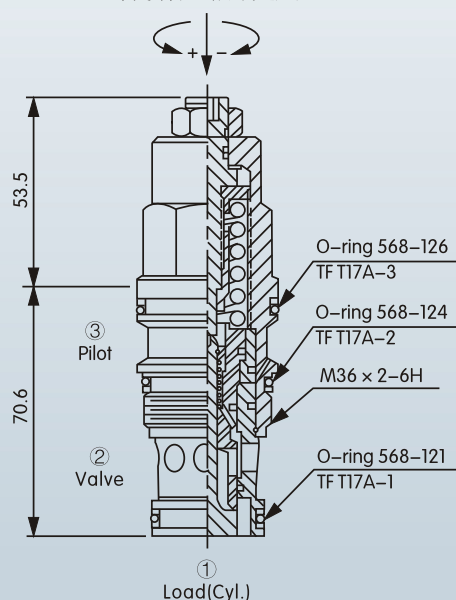


Figure 1-10 is a technical drawing of a mechanical part, showing a cross-section with dimensions and features. The part has a central shaft with a diameter of $\phi 34.11/34.21$ mm. The total length is $46.22/46.34$ mm. The shaft has a shoulder with a diameter of $\phi 37.29/37.34$ mm and a fillet radius of $R0.8$. The part is secured with a bolt (M36 x 2-6H) and a nut. The drawing includes a "LOCATING SHOULDER" and a "安装基准线" (Installation Reference Line). The part is labeled "0.5 x 45° MAX" and "R0.8". The drawing is divided into two sections, I and II, with section I showing the top view and section II showing the bottom view. The drawing is labeled "Figure 1-10".

未注公差: ± 0.05