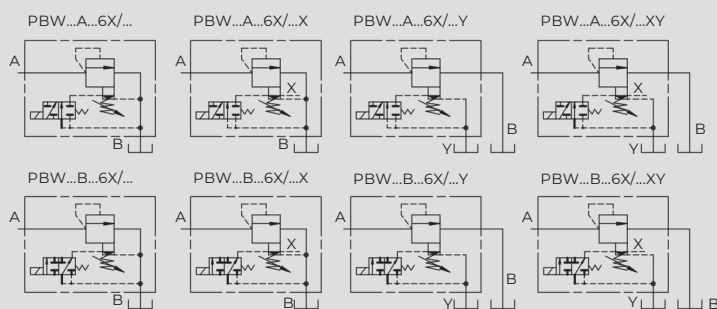


PBW型60/6X系列溢流阀

PBW 60/6X SERIES PILOT OPERATED PRESSURE RELIEF VALVES

符号 SYMBOL



PBW型是先导控制式的电磁溢流阀是用于控制液压系统的压力，并能在任意时刻使系统卸荷。

6X系列PBW型阀，性能优于60系列PBW，具有更平稳的调压性能，更低的最低调节压力和调压范围大，通流能力更强等特点。

PBW is a pilot operated solenoid relief valve available to unload system pressure.

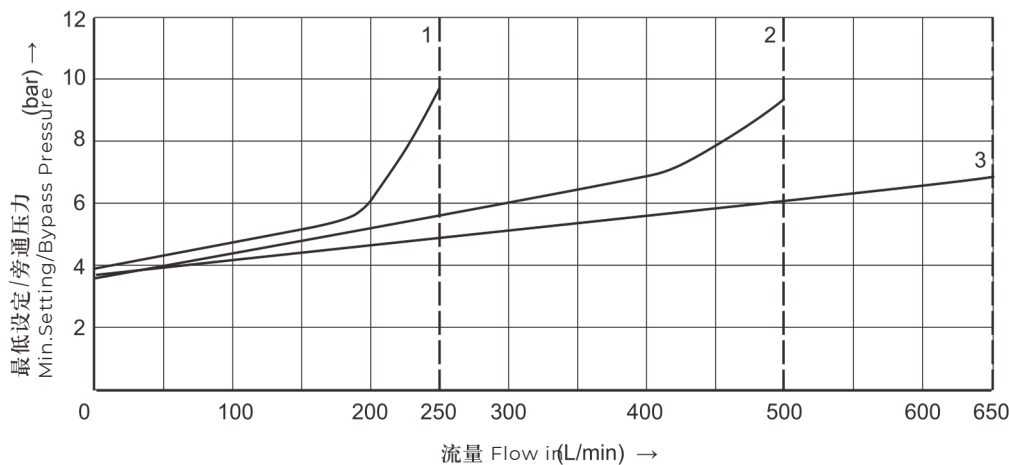
The performance of 6X series is superior than 60 series, the 6X series can be used to control the pressure of hydraulic systems smoothly in a wide range.

▶ 技术参数 Technical data

通径 Size		10		20		30	
系列号 Series No		60	6X	60	6X	60	6X
工作压力(Mpa) Operating pressure(Mpa)		31.5	35	31.5	35	31.5	35
最大流量(L/min) Max .flow rate(L/min)		200	250	400	500	600	650
介质温度(℃) Fluid temperature(℃)		-20~ 70					
过滤精度(μm) Filtration accuracy(μ m)		25					
重量(千克) Weight(KGS)	PBW	4.7		5.5		6.8	
阀体（材料）表面处理 Valve body (Material) Surface treatment		铸件 表面磷化处理 casting phosphating surface					
油液清洁度/Oil cleanliness		NAS16389 级和ISO4406 20/18/15级 NAS1638 class 9 and ISO4406 class 20/18/15					

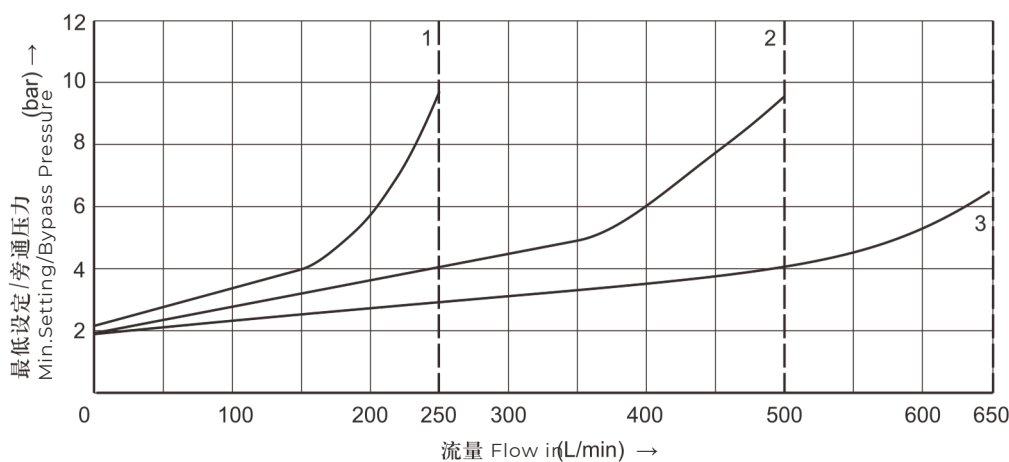
- 特性曲线（在使用 HLP46 油=40°C±5°C时测得）
Characteristic curves (measured with HLP46, Oil=40°C±5°C)

最低设定压力和旁通压力与流量的关系 Characteristic of Min.Setting Pressure.bypass pressure and flow
标准型 Standard



1. 通径 Size 10
2. 通径 Size 20
3. 通径 Size 30

最低设定压力和旁通压力与流量的关系 Charateristics of Min.Setting Pressure.bypass pressure and flow
“U”型 Type “U”



1. 通径 Size 10
2. 通径 Size 20
3. 通径 Size 30

☞ 注意!

此特性曲线在控制油外部零压回油时测得。
对于控制油内部回油，进口压力增加了T口的压力值。

此特性曲线在整个流量范围内
对于出口压力 $p_T = 0$ 有效!

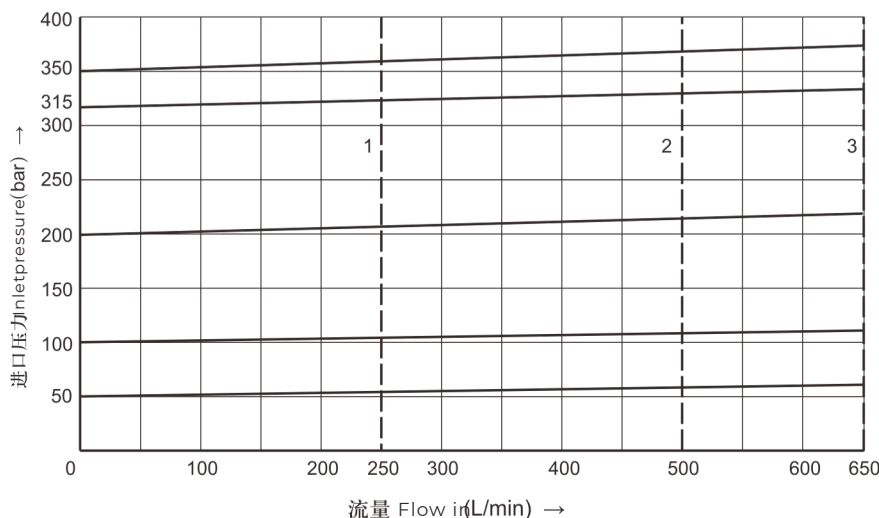
☞ Attention!

The curves is measured without pressure when
control oil back to the tank.
Refers to the back into housing of the control oil,the
pressure of “T” port has increased against the
input pressure.

The curves are available when the output
pressure $P_t=0$ within the flow ranges.

► 特性曲线 (在使用 HLP46, 油=40°C±5°C时测得)
Characteristic curves (measured with HLP46, Oil=40°C±5°C)

进口压力与流量的关系 Characteristic of inlet pressure and flow



1. 通径 Size 10
2. 通径 Size 20
3. 通径 Size 30

☞ 注意!

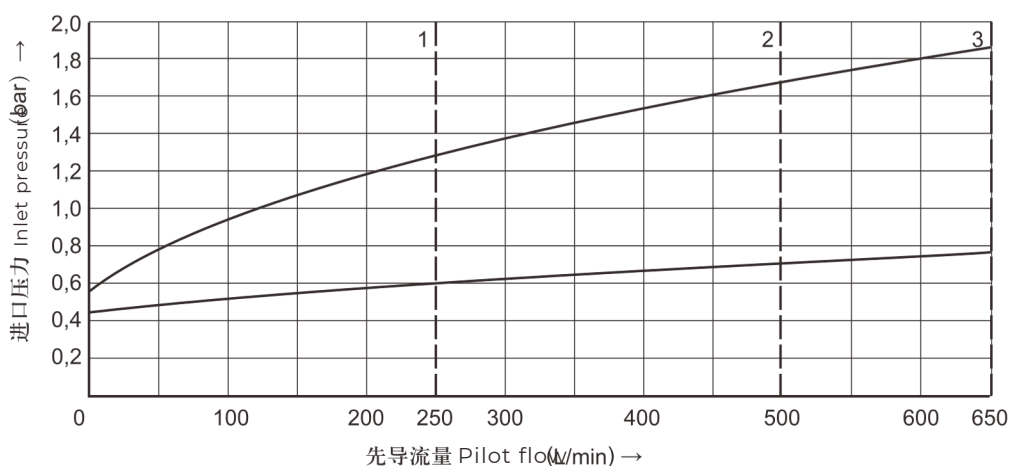
此特性曲线在控制油外部零压回油时测得。
对于控制油内部回油, 进口压力增加了T口的压力值。

☞ Attention!

The curves is measured without pressure when control oil back to the tank.
Refers to the back into housing of the control oil, the pressure of "T" port has increased against the input pressure.

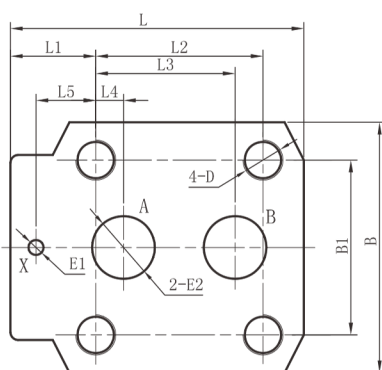
► 特性曲线 (在使用 HLP46, 油=40°C±5°C时测得)
Characteristic curves (measured with HLP46, Oil=40°C±5°C)

先导流量 Pilot flow



1. 通径 Size 10
2. 通径 Size 20
3. 通径 Size 30

► 板式底板安装尺寸 Subplate mounting



► 管式连接尺寸 Threaded connections

