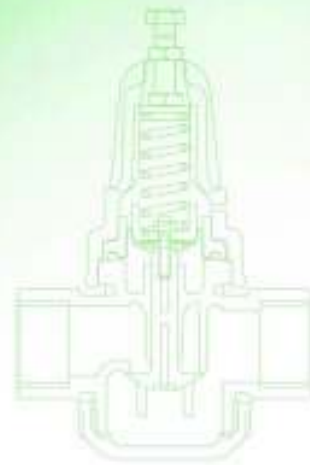
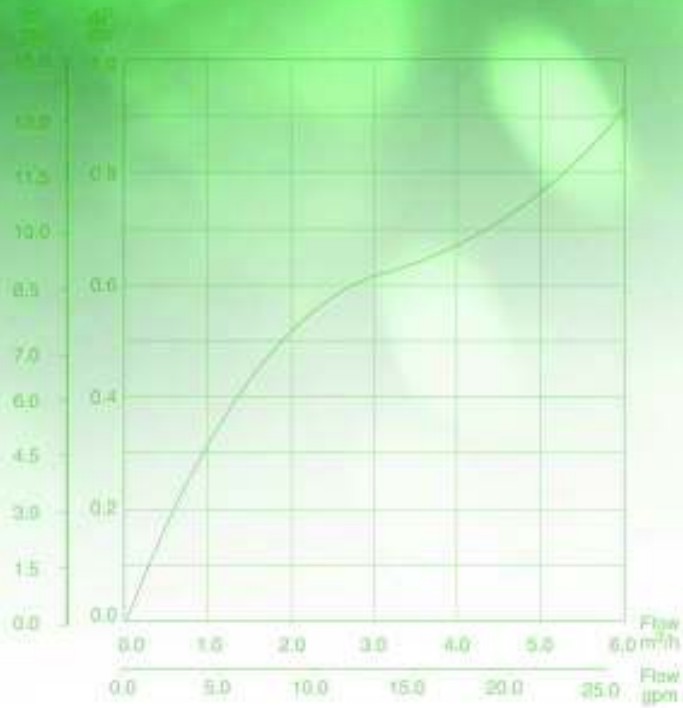


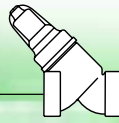
# Irrigation

## Irrigation for Agriculture

### Engineering Data

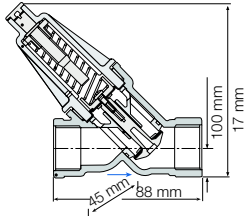
#### PRV Series





## 3/4"-PRV & 3/4"-PRV-05

### Dimensions



Weight: 0.13 Kg

### Technical Data

**Size:** 3/4"; DN20  
**End Connections:** Threaded  
**Inlet:** Female BSP; NPT  
**Outlet:** Female BSP; NPT or Male BSPT; NPT  
**Flow Range Model 3/4"-PRV:** 0.2-5 m<sup>3</sup>/h  
**Flow Range Model 3/4"-PRV-05:** 0.01-3 m<sup>3</sup>/h  
**Pressure Ratings:** 9 bar  
**Operating Pressure Range:** 0.7-9 bar

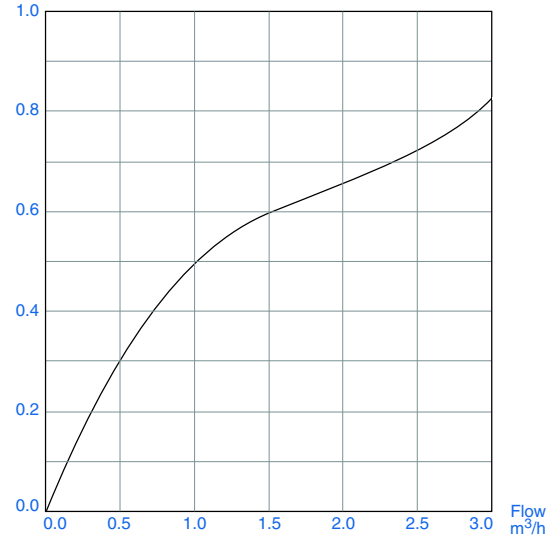
### Setting Springs Selection Table

Setting Range bar	Spring Color	Spring Name
0.5-1.2	Yellow	A
0.8-2.5	White	B
2.0-4.0	Red	C
3.5-6.0	Black	D

### Flow Chart

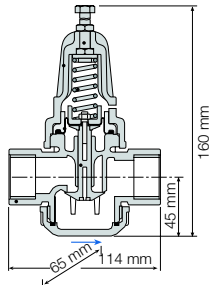
Required supply pressure above setting

$\Delta P$  To calculate the minimum required supply pressure, add the  $\Delta P$  in the Flow Chart to PRV desired set point.



## 1"-PRV & 1"-PRV-05

### Dimensions



Weight: 0.36 Kg

### Technical Data

**Size:** 1"; DN25  
**End Connections:** Female Threads BSP; NPT  
**Flow Range Model 1"-PRV:** 0.45-7 m<sup>3</sup>/h  
**Flow Range Model 1"-PRV-05:** 0.1-7 m<sup>3</sup>/h  
**Pressure Ratings:** 9 bar  
**Operating Pressure Range:** 0.7-9 bar

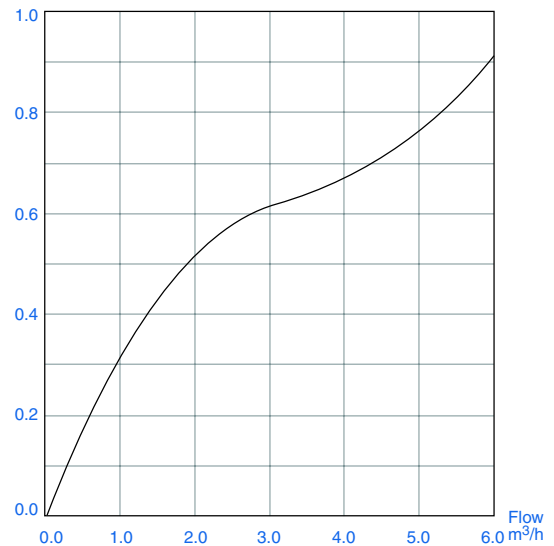
### Setting Springs Selection Table

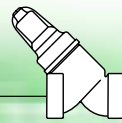
Setting Range bar	Spring Color	Spring Name
0.5-1.2	White	B
1.0-2.0	Red	C
1.5-3.5	Black	D
3.0-5.5	Brown	Q

### Flow Chart

Required supply pressure above setting

$\Delta P$  To calculate the minimum required supply pressure, add the  $\Delta P$  in the Flow Chart to PRV desired set point.

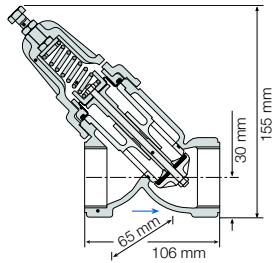




Metric

## 1½"-PRV

### Dimensions



Weight: 1.07 Kg

### Technical Data

Size: 1½"; DN40

End Connections: Female Threads BSP; NPT

Flow Range: 0.45-18 m<sup>3</sup>/h

Pressure Ratings: 9 bar

Operating Pressure Range: 0.7-9 bar

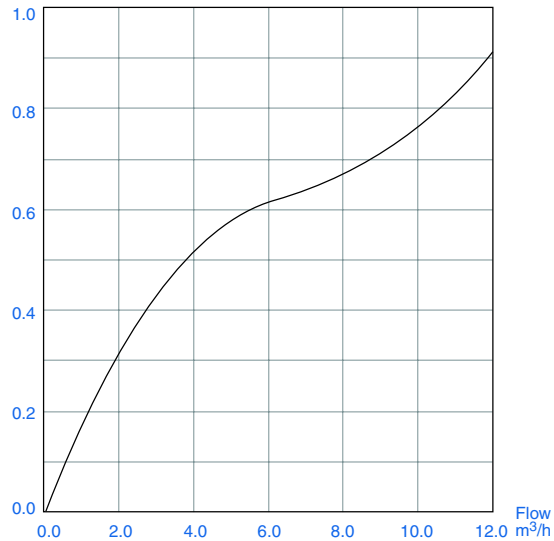
### Setting Springs Selection Table

Setting Range bar	Spring Color	Spring Name
0.5-1.2	White	B
1.0-2.0	Red	C
1.5-3.5	Black	D
3.0-5.5	Brown	Q

### Flow Chart

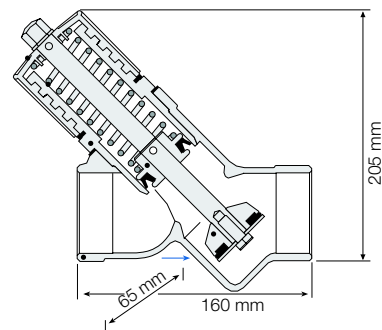
Required supply pressure above setting

$\Delta P$  To calculate the minimum required supply pressure, add the  $\Delta P$  in the Flow Chart to PRV desired set point.



## 2"-PRV

### Dimensions



Weight: 2.5 Kg

### Technical Data

Size: 2"; DN50

End Connections: Female Threads BSP; NPT

Flow Range: 4-25 m<sup>3</sup>/h

Pressure Ratings: 8 bar

Operating Pressure Range: 2-8 bar

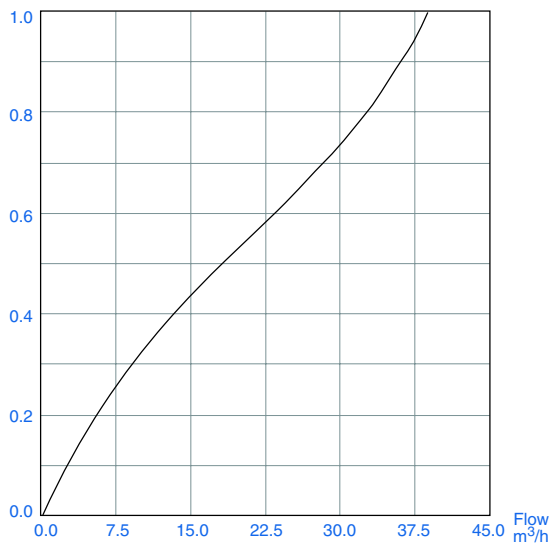
### Setting Springs Selection Table

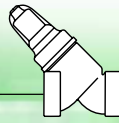
Spring Color	Downstream Pressure bar		
	Nominal	Minimum	Maximum
Red	2.0	2.0	2.6
Yellow	4.0	3.8	4.6
Green	6.0	5.8	6.6

### Flow Chart

Required supply pressure above setting

$\Delta P$  To calculate the minimum required supply pressure, add the  $\Delta P$  in the Flow Chart to PRV desired set point.

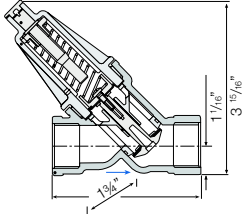




**US** English

## 3/4"-PRV & 3/4"-PRV-05

### Dimensions



Weight: 0.29 lbs.

### Technical Data

Size: 3/4"

End Connections: Threaded

Inlet: Female BSP; NPT

Outlet: Female BSP; NPT or Male BSPT; NPT

Flow Range Model 3/4"-PRV: 0.9-22 gpm

Flow Range Model 3/4"-PRV-05: 0.04-13 gpm

Pressure Ratings: 130 psi

Operating Pressure Range: 10-130 psi

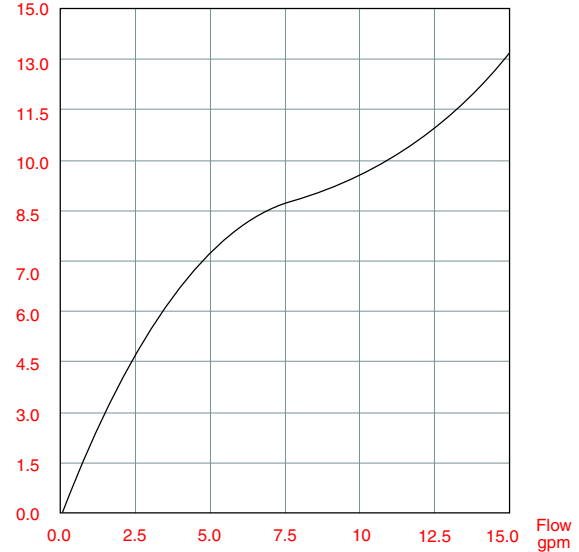
### Setting Springs Selection Table

Setting Range psi	Spring Color	Spring Name
7-18	Yellow	A
12-36	White	B
29-58	Red	C
50-87	Black	D

### Flow Chart

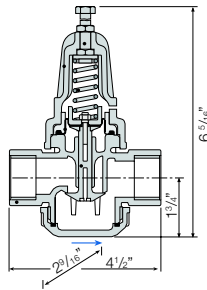
Required supply pressure above setting

$\Delta P$  To calculate the minimum required supply pressure, add the  $\Delta P$  in the Flow Chart to PRV desired set point.



## 1"-PRV & 1"-PRV-05

### Dimensions



Weight: 0.79 lbs.

### Technical Data

Size: 1"

End Connections: Female Threads BSP; NPT

Flow Range Model 1"-PRV: 2-31 gpm

Flow Range Model 1"-PRV-05: 0.4-31 gpm

Pressure Ratings: 130 psi

Operating Pressure Range: 10-130 psi

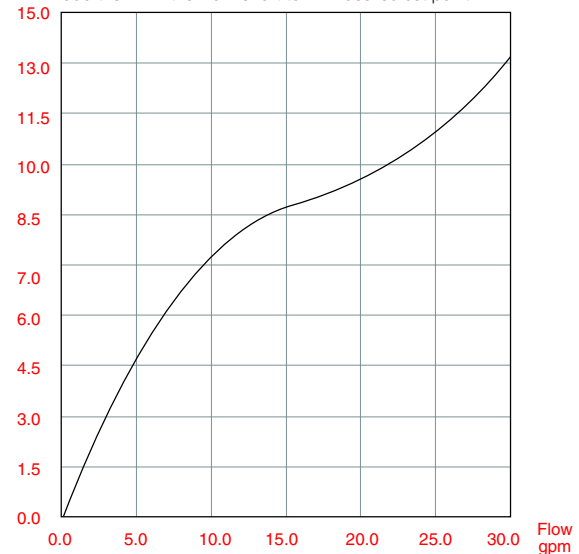
### Setting Springs Selection Table

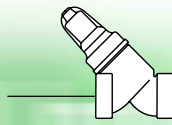
Setting Range psi	Spring Color	Spring Name
7-18	White	B
14-29	Red	C
22-51	Black	D
44-80	Brown	Q

### Flow Chart

Required supply pressure above setting

$\Delta P$  To calculate the minimum required supply pressure, add the  $\Delta P$  in the Flow Chart to PRV desired set point.

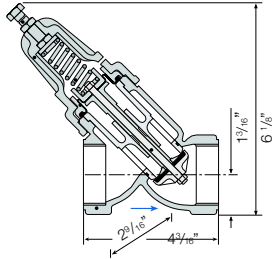




**US** English

## 1 1/2"-PRV

### Dimensions



Weight: 2.36 lbs.

### Technical Data

Size: 1 1/2"  
End Connections: Female Threads BSP; NPT  
Flow Range: 2-80 gpm  
Pressure Ratings: 130 psi  
Operating Pressure Range: 10-130 psi

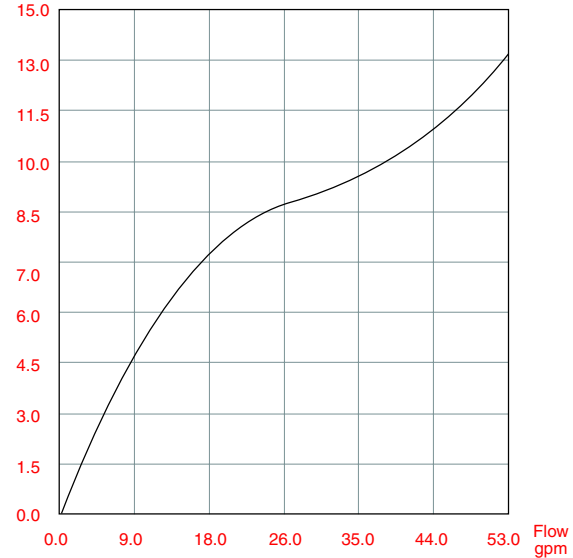
### Setting Springs Selection Table

Setting Range psi	Spring Color	Spring Name
7-18	White	B
14-29	Red	C
22-51	Black	D
44-80	Brown	Q

### Flow Chart

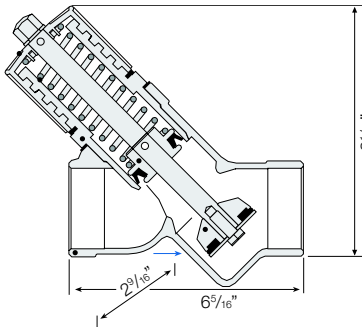
Required supply pressure above setting

$\Delta P$  To calculate the minimum required supply pressure, add the  $\Delta P$  in the Flow Chart to PRV desired set point.



## 2"-PRV

### Dimensions



Weight: 5.5 lbs.

### Technical Data

Size: 2"  
End Connections: Female Threads BSP; NPT  
Flow Range: 18-110 gpm  
Pressure Ratings: 115 psi  
Operating Pressure Range: 30-115 psi

### Setting Springs Selection Table

Spring Color	Downstream Pressure psi		
	Nominal	Minimum	Maximum
Red	29	29	38
Yellow	58	55	67
Green	87	84	96

### Flow Chart

Required supply pressure above setting

$\Delta P$  To calculate the minimum required supply pressure, add the  $\Delta P$  in the Flow Chart to PRV desired set point.

