



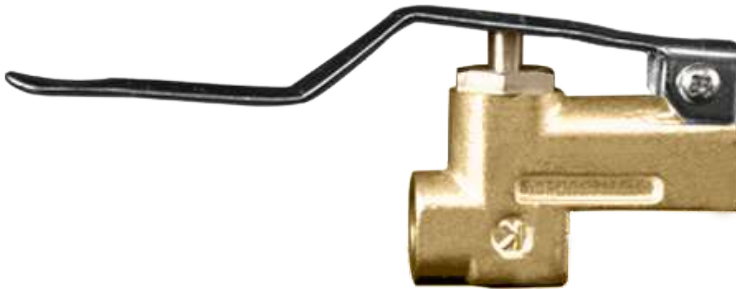
KINGSTON

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167-1-1 Control Valve

Model 167-1-1

Kingston Upholstery Flow Control Valve



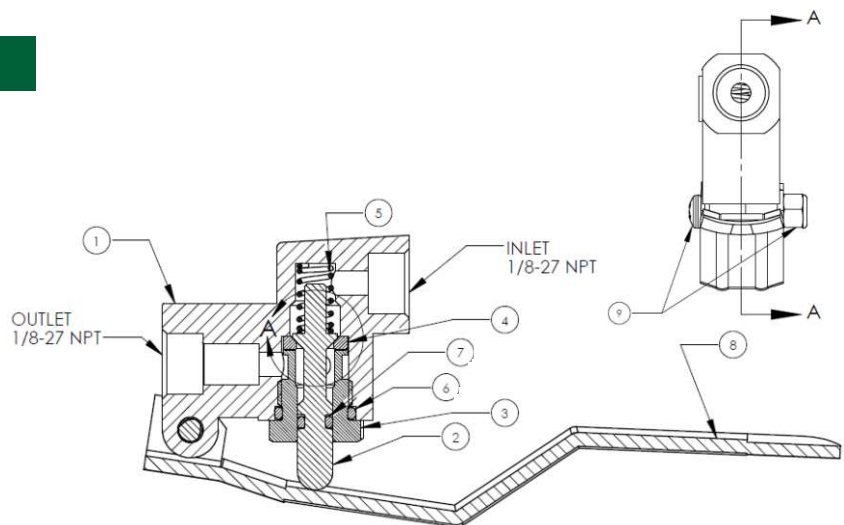
Features

- Durable, Light-Weight, High Performance Flow Control
- Forged Body with Stainless Steel Stem
- Long Lasting High Temperature Seal
- Maximum Operating Pressure is 500 PSIG
- Best Suited for Hand Tools
- Includes Aluminum Hanger for 1-1/2" Diameter Wands

Model	Inlet Size	Outlet Size	Dimensions (inches) Height (A)	Max. Operating Pressure (PSIG)	Min. Temp (°F)	Max. Temp (°F)
167-1-1	1/8" NPT	1/8" NPT	1-9/32"	500 PSIG	-40°F	300°F

Materials

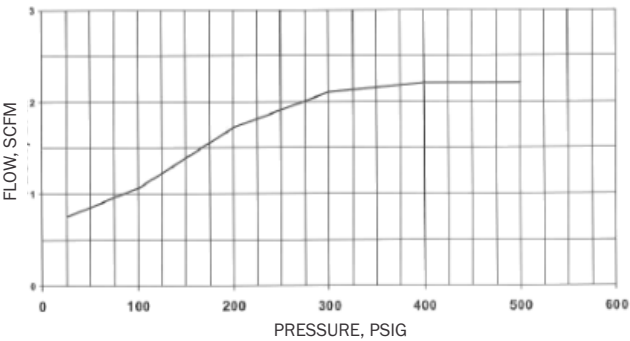
No.	Part Name	Materials
1	Body	Brass
2	Stem	Stainless Steel
3	Cap	Brass
4	Disc	Teflon (PTFE)
5	Spring	Stainelss Steel
6	"O" Ring, Cap	Buna "N"
7	"O" Ring, Stem	Buna "N"
8	Lever	Stainless Steel
9	Screw & Locknut	Stainless Steel



Kingston Model 167-1-1 Upholstery Flow Control Valve

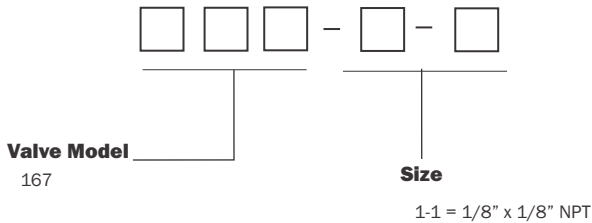
Flow Capacity Information

Fig. 167-1-1



Ordering Information

Kingston Control Valves Part Number Codes



Product Notes

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251

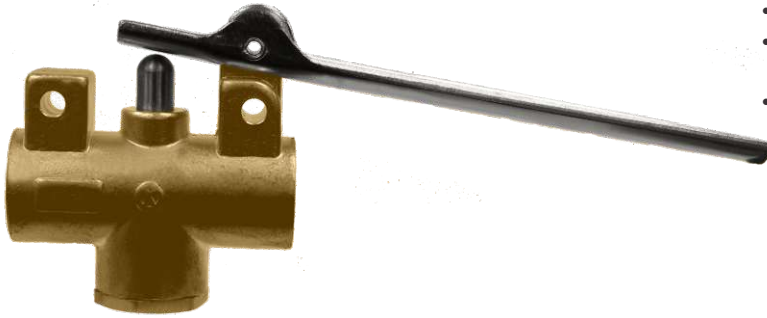
Control Valve

Model 251

"KING 1000"- Heavy Duty Flow Control Valve

Features

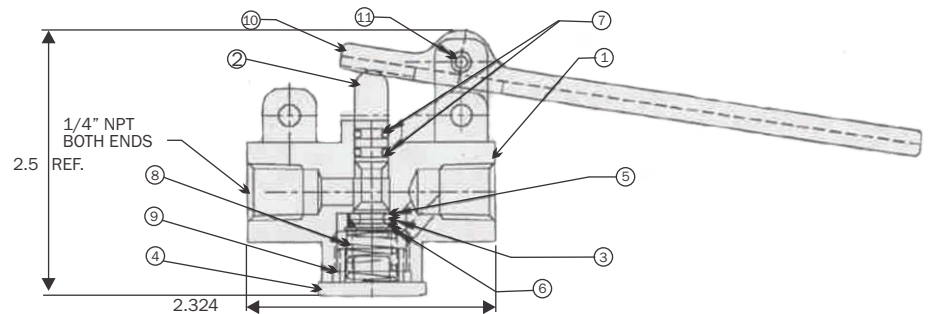
- Maximum Operating Pressure is 1000 PSI
- High Pressure Flow Control
- Commonly Used as a Hand Control Valve for Truck-mounted Pressure Systems
- Maximum Temperature Range is -40°F to 225°F



Model	Inlet Size	Outlet Size	Orifice	Dimensions (inches)			Approx. Shipping Wt.	Pressure Range (PSIG)
				Height (A)	Length (B)	Width (C)		
251FT	1/4" NPT	1/4" NPT	0.25	2-1/2"	2-21/67"	2-21/64"	14 oz.	25-1000

Materials

No.	Part Name	Materials
1	Body	Brass
2	Stem	Stainless Steel
3	Retainer	Stainless Steel
4	Cap	Brass
5	"O" Ring	Buna "N"
6	Retaining Ring	PH 15-7
7	"O" Ring	Buna "N"
8	Spring	Stainless Steel
9	"O" Ring	Buna "N"
10	Lever	Steel
11	Roll Pin	Carbon Steel



Kingston Model 251 Heavy Duty Flow Control Valve

Flow Capacity Information

Fig. 251 - 1/4"

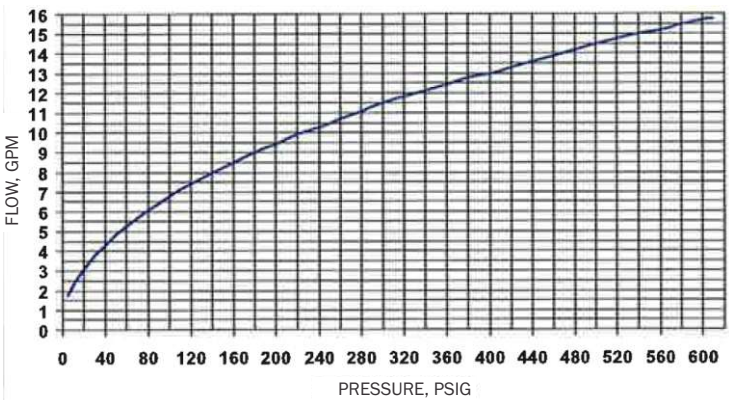
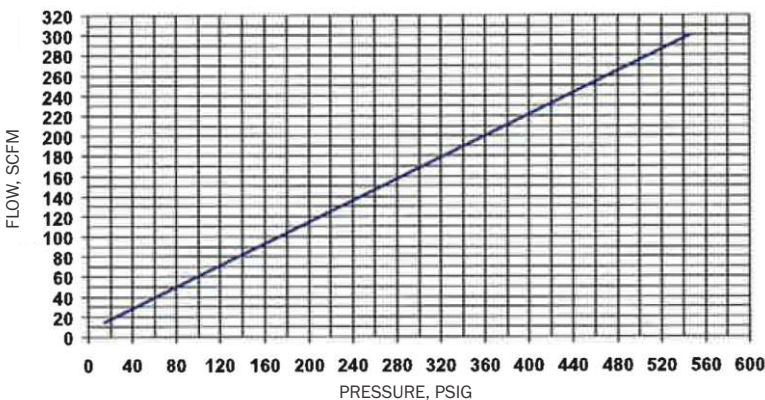
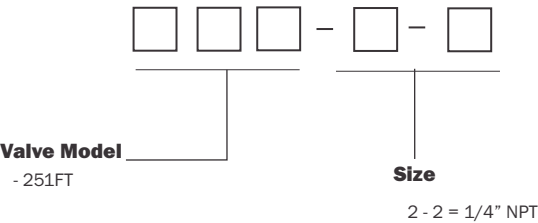


Fig. 251 - 1/4"



Ordering Information

Kingston Control Valves Part Number Codes



*O-Rings not available in Teflon

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251-30

Control Valve

Model 251-30

Kingston Quick Opening Industrial
Flow Control Valve



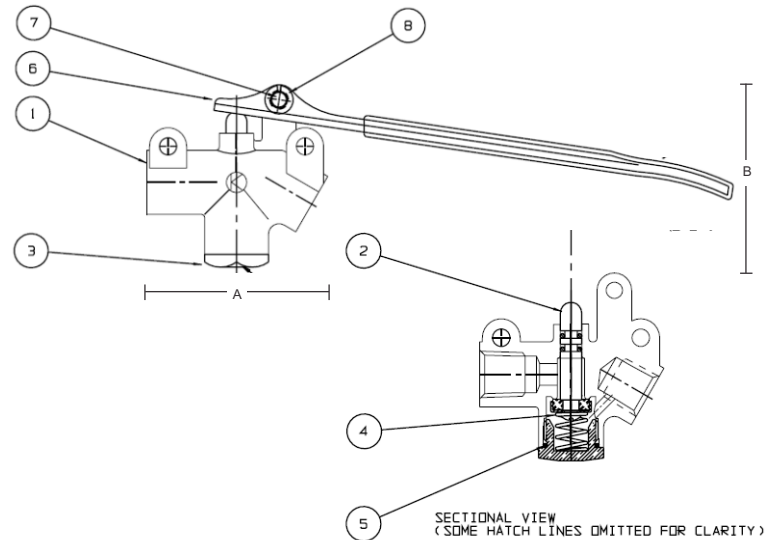
Features

- Constructed Brass Body with Stainless Steel Internal Component
- 30° Angle Eliminates the Cost and Labor Required to Attach an Additional Fitting
- Maximum Operating Pressure is 1200 PSIG
- Repair Kit Available: 251-30-KIT

Model	Inlet Size	Outlet Size	Inlet Orifice	Dimensions (inches)		Pressure Range (PSIG)	Approx. Shipping Wt.	Min. Temp (°F)	Max. Temp (°F)
				Height (A)	Width (B)				
251-30	1/4" NPT	1/4" NPT	0.314	2-3/125"	2-1/8"	25-1000	10.5 oz	-40°F	228°F

Materials

No.	Part Name	Materials
1	Body	Brass CSTG
2	Stem Assembly	Stainless Steel
3	Cap	Brass ASTM-B16
4	Spring	Stainless Steel
5	"O" Ring	Buna "N"
6	Lever	Steel
7	Shoulder Pin	Stainless Steel
8	Retaining Ring	Stainless Steel



Kingston Model 251-30 Quick Opening Industrial Flow Control Valve

Flow Capacity Information

Fig. 251-30 - 1/4"

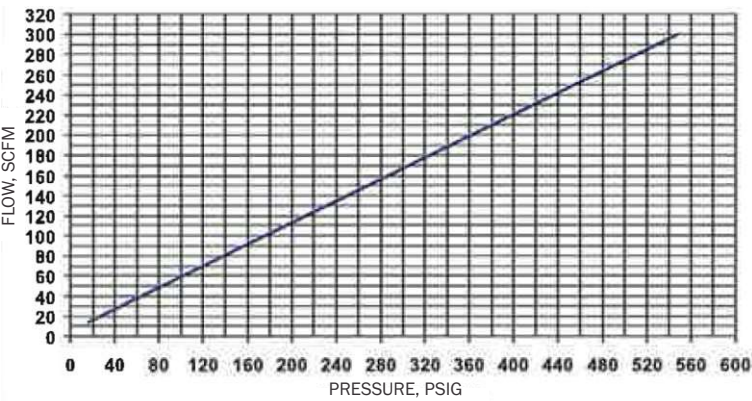
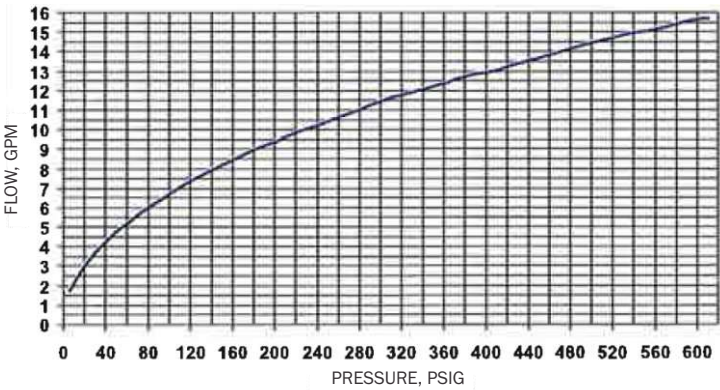


Fig. 251-30 - 1/4"



Ordering Information

Kingston Control Valves Part Number Codes



Valve Model

- 251-30

*O-Rings not available in Teflon

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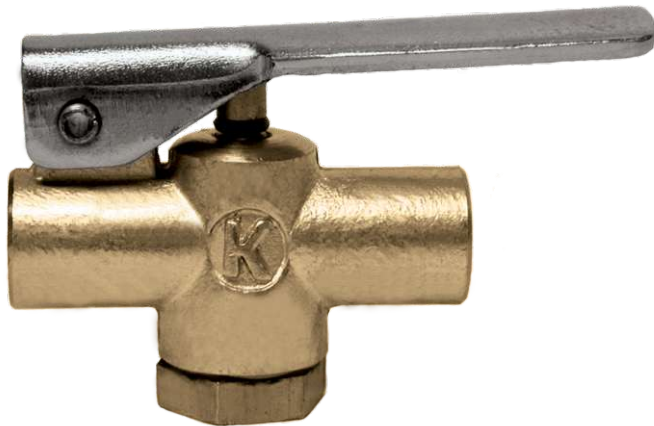
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253

Control Valve

Model 253

Quick Opening Industrial Flow Control Valve



Features

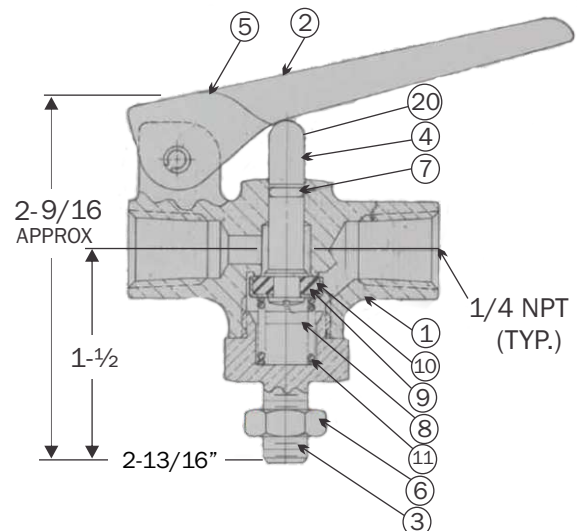
- Designed for Liquid, Compressed Air, or Gas Applications
- Developed for Use in Car Wash Systems and Other Operations Requiring a Fixed Position Control Valve
- Often Used for Wheel or Tire Cleaning Solutions in Car Wash Systems
- Available with Mounting Stud and Nut Option
- Valve Stem Contains Electroless Nickel Plated for Long Wear in Harsh Solutions
- Available with 3" or 5" Brass Steel Lever Options
- Alternative Discs and Seals May Be Available. Please Call for Details

Model	Inlet Size	Outlet Size	Dimensions (Inches)		Approx. Shipping Wt.	Min. Temp (°F)	Max. Temp (°F)
			Height (A)	Width (B)			
253	1/4" NPT	1/4" NPT	1-25/32"	2-13/16"	5 - 7 oz.	-40°F	225°F
			2-9/16" (with Stud & Nut)				

*Note: Not Intended to be used with "air blow" or "cleaning guns"

Materials

No.	Part Name	Materials
1	Body	Brass
2	Lever	Brass
3	Cap	Brass
4	Stem	Brass
5	Roll Pin	Carbon Steel
6	Locknut	Carbon Steel
7	"O" Ring	Buna "N"
8	Screw	Brass
9	Disc	Buna "N"
10	Cage	Brass
11	Spring	Stainless Steel



Kingston Model 253 Quick Opening Industrial Flow Control Valve

Flow Capacity Information

Fig. 253 - 1/4"

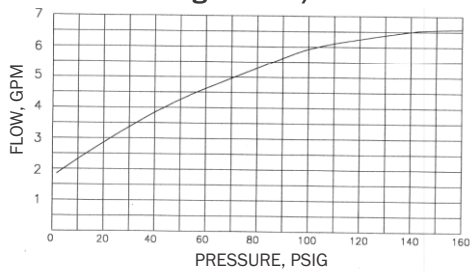
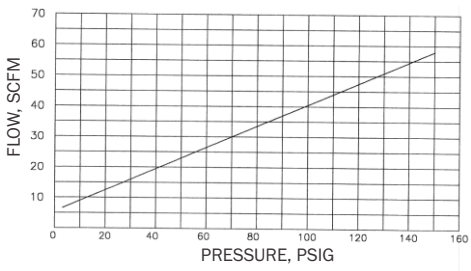
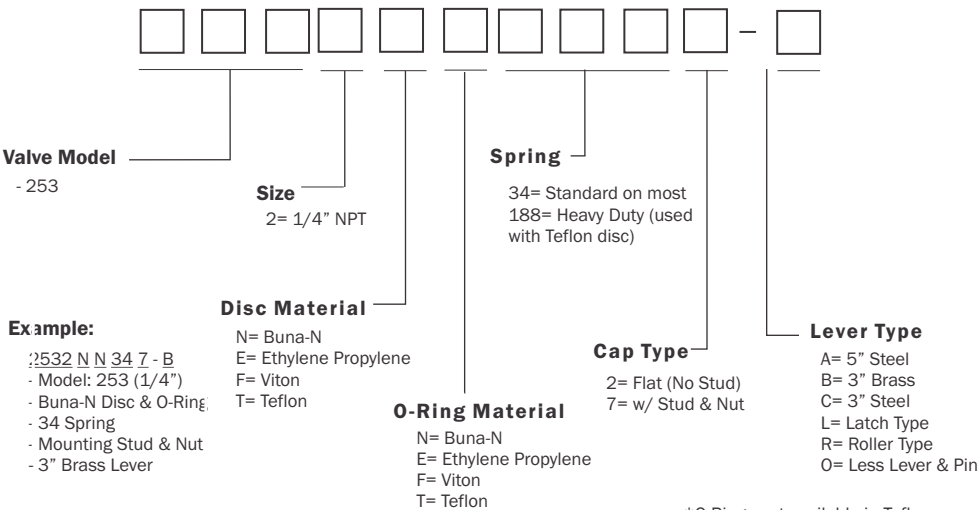


Fig. 253 - 1/4"



Ordering Information

Kingston Control Valves Part Number Codes



*O-Rings not available in Teflon

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254

Control Valve

Model 254

Quick Opening Industrial Flow Control Valve



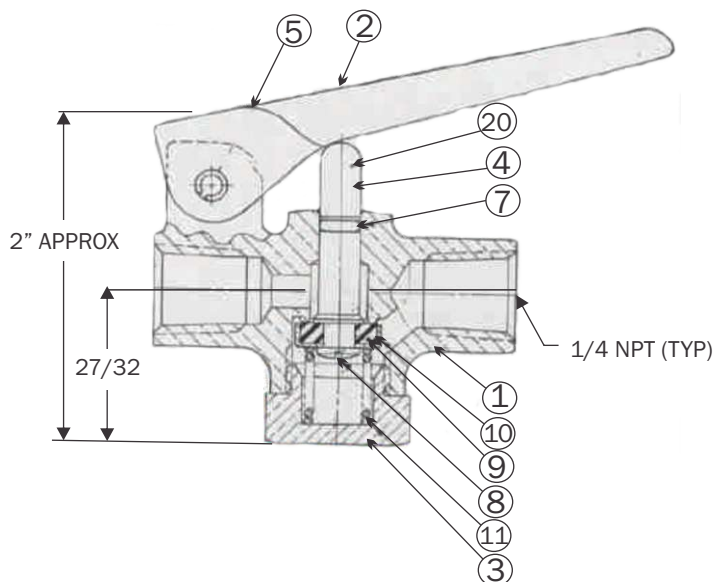
Features

- Made of a Forged Body Designed for Liquid, Compressed Air, or Gas Applications
- Often Used for Wheel or Tire Cleaning Solutions in Car Wash Systems
- Not Intended to Be Used as "Air Blow" or "Cleaning Guns"
- Widely Used in the Carpet Cleaning Industry (254AE)
- Mounting Stud and Nut are Available for Stationary Mounting (2543W)
- Alternative Seals Available
- Alternative Disc, Seal, Lever and Cap Options May Be Available. Please Call for Details

Model	Inlet Size	Orifice	Dimensions (inches) Height (A)	Pressure Range (PSIG)	Min. Temp (°F)	Max. Temp (°F)
254	1/4" NPT	0.25	Approx. 2" (with Stud & Nut)	10-350	-40	400 °F
			27/32" (Flow)			

Materials

No.	Part Name	Materials
1	Body	Brass
2	Lever	Brass
3	Cap	Brass
4	Stem	Brass
5	Roll Pin	Carbon Steel
7	"O" Ring	Buna "N"
8	Screw	Brass
9	Disc	Buna "N"
10	Cage	Brass
11	Spring	Stainless Steel



Kingston Model 254 Quick Opening Industrial Flow Control Valve

Flow Capacity Information

Fig. 254 - 1/4"

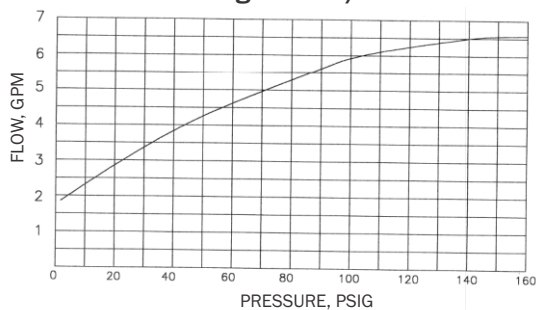
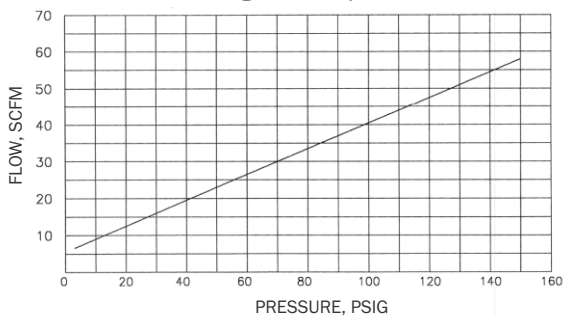
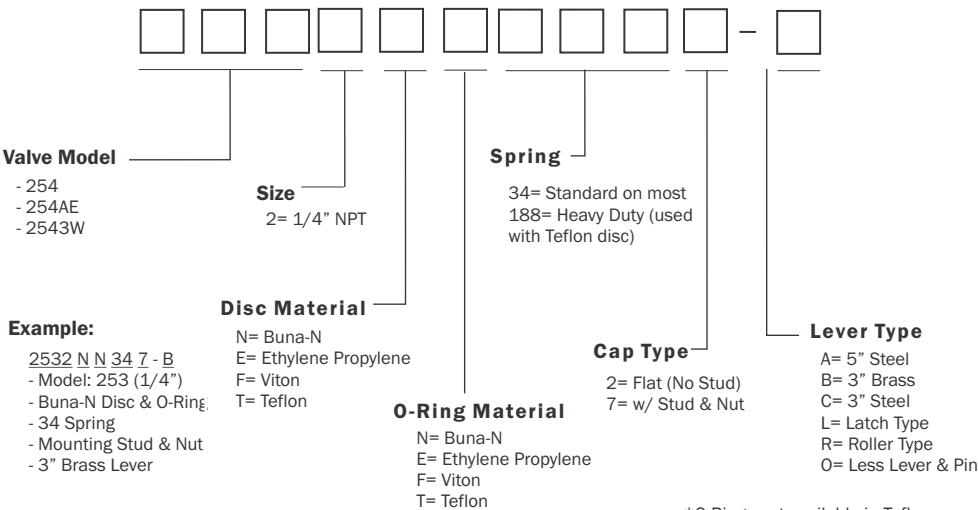


Fig. 254 - 1/4"



Ordering Information

Kingston Control Valves Part Number Codes



Product Notes

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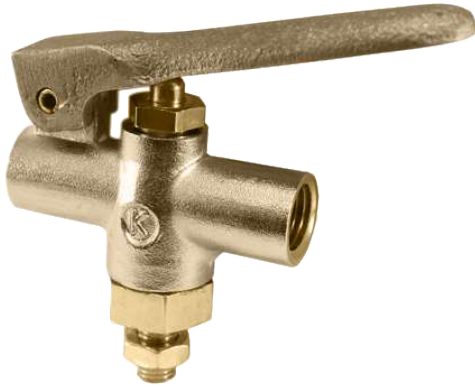
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258

Control Valve

Model 258

Quick Opening Industrial Flow Control Valve



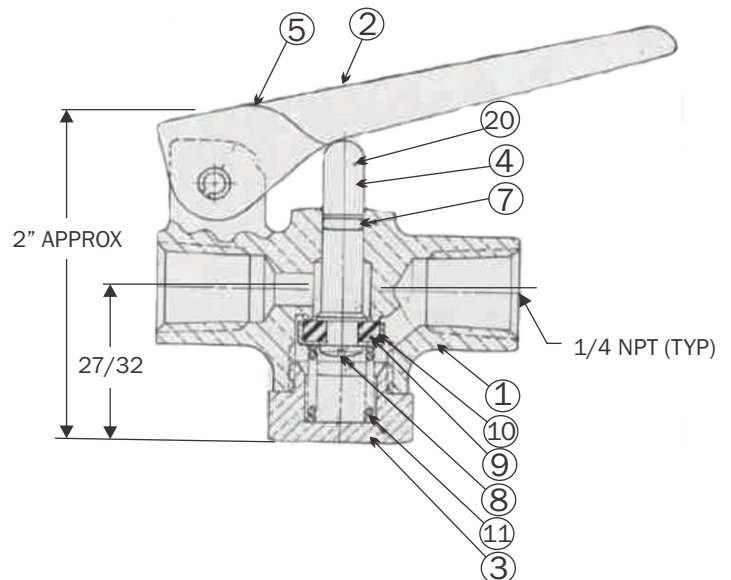
Features

- Designed for Liquid, Compressed Air, or Gas Applications
- Often Used for Wheel or Tire Cleaning Solutions in Car Wash Systems
- Not Intended to Be Used as “Air Blow” or “Cleaning Guns”
- Electroless Nickel Plated for Long Wear in Harsh Solutions
- Maximum Operating Pressure is 150 PSI
- Alternative Seals Available
- Alternative Disc, Seal, Lever and Cap Options May Be Available. Please Call for Details

Model	Inlet Size	Outlet Size	Dimensions (inches)			Approx. Shipping Wt.	Min. Temp (°F)	Max. Temp (°F)
			Height (A)	Thickness (B)	Width (C)			
258	1/4" NPT	1/4" NPT	2" (Flat)	13/16"	2-13/64"	5 oz.	-40	225 °F
			2-9/16" (with Stud)			7 oz.		

Materials

No.	Part Name	Materials
1	Body	Brass
2	Lever	Brass
3	Cap	Brass
4	Stem	Brass
5	Roll Pin	Carbon Steel
6	Nut	Steel
7	Packing String	Teflon
8	Screw (Disc)	Brass
9	Disc	EP
10	Cage	Brass
11	Spring	Stainless Steel
13	Packing Gland	Brass
20	Stem Assembly, Item 4,8,9 & 10	



Kingston Model 258 Quick Opening Industrial Flow Control Valve

Flow Capacity Information

Fig. 258 - 1/4"

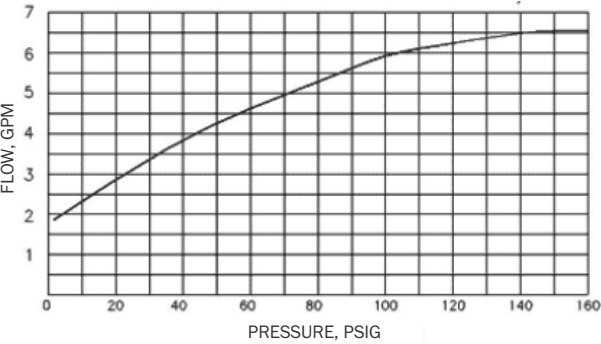
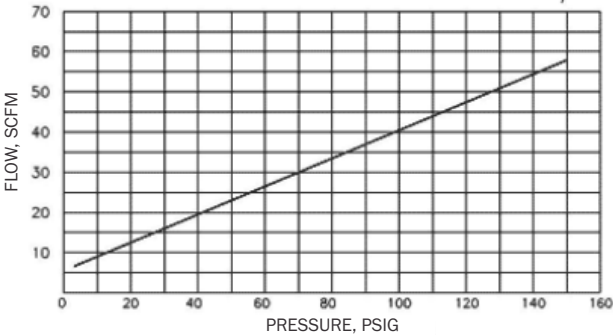
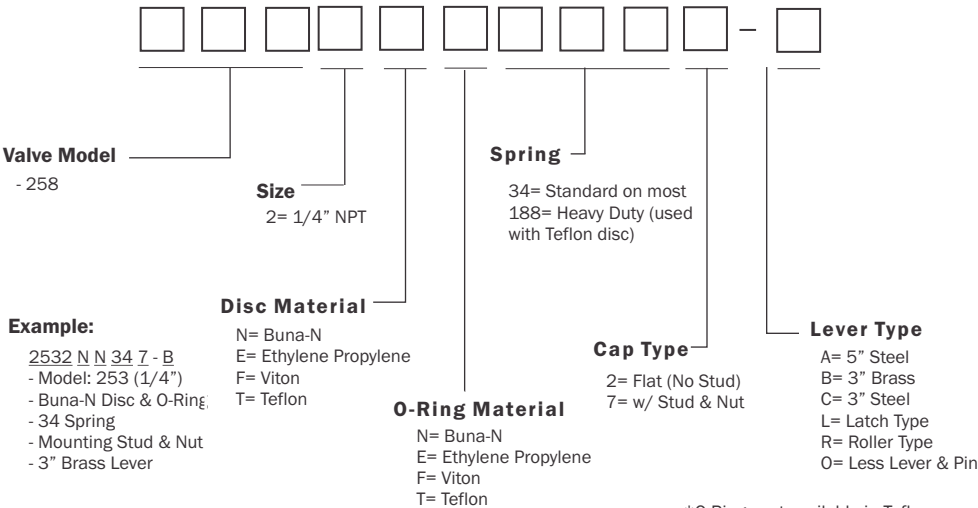


Fig. 258 - 1/4"



Ordering Information

Kingston Control Valves Part Number Codes



*O-Rings not available in Teflon

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259

Control Valve

Model 259

Quick Opening Industrial Flow Control Valve



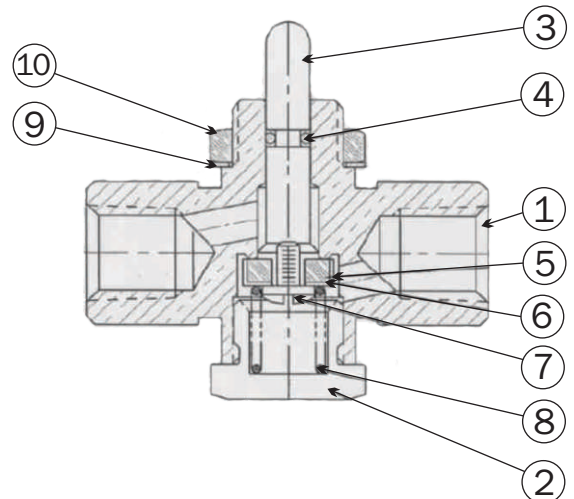
Features

- Durable, Light-Weight, High Performance Flow Control
- Designed for Liquid, Compressed Air or Gas Applications
- Developed For Use in Car Wash, Carpet Cleaning and Other Systems that Require Durable Control Valve Using Mechanical Contact to Operate the Valve
- Maximum Operating Pressure is 150 PSI
- Treaded Stem Provide Alternative Mounting Option
- Alternative Seals Available
- Alternative Disc, Lever and Cap Options May Be Available. Please Call for Details.

Model	Inlet Size	Outlet Size	Height (A)	Dimensions Thickness (B)	Width (C)	Approx. Shipping Wt.	Min. Temp (°F)	Min. Temp (°F)
259	1/4" NPT	1/4" NPT	2"	13/16"	2-13/64"	5 oz.	-40°F	225°F

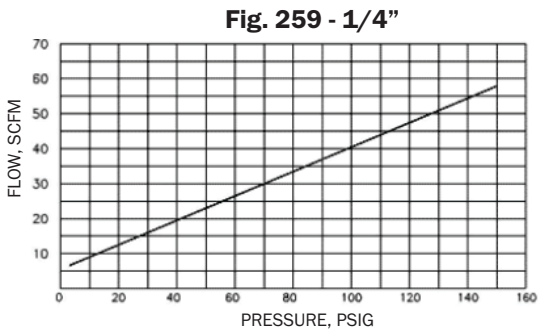
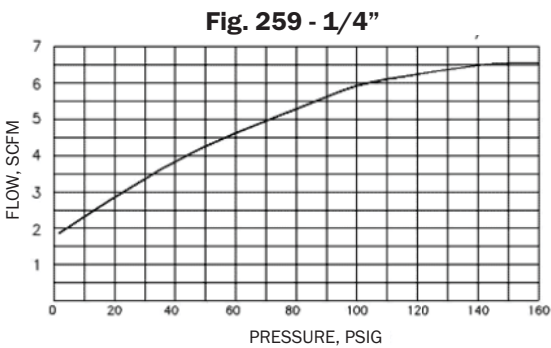
Materials

No.	Part Name	Materials
1	Body	Brass
2	Cap	Brass
3	Stem	Brass
4	"O" Ring	EPM
5	Disc	EPM
6	Disc Cage	Brass
7	#6 Screw	Stainless Steel
8	Spring	Stainless Steel
9	Lock Washer	Bronze
10	Hex Lock Nut	Brass
11	Loctite	Loctite



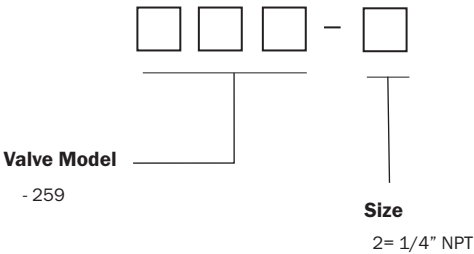
Kingston Model 259 Quick Opening Industrial Flow Control Valve

Flow Capacity Information



Ordering Information

Kingston Control Valves Part Number Codes



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305B

Control Valve

Model 305B

Kingston Quick Opening Industrial Control Valve



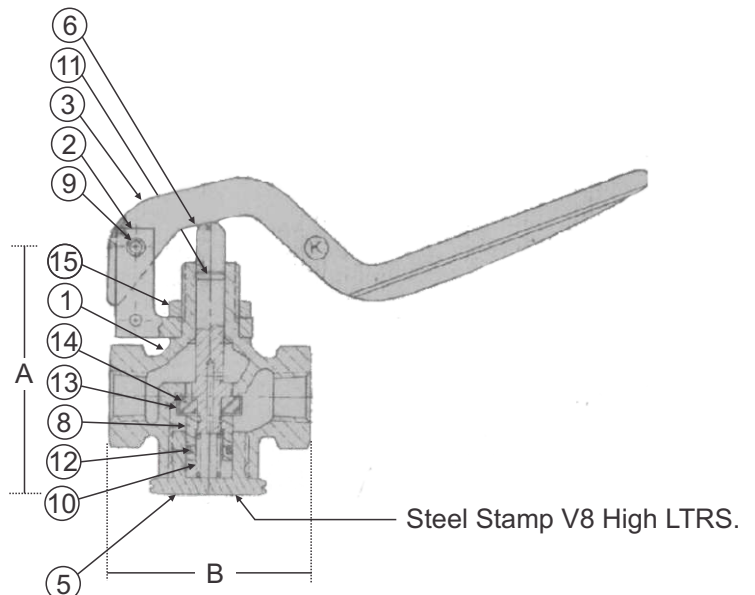
Features

- For Air and Liquid Service
- Widely Used for Agricultural Spraying, Car Wash Systems, High Pressure Washers, Liquid Transfer, Air and Liquid Control Application
- Best Selection when Actuator Air Pressure is Low
- Available in 1/4" through 1-1/4" NPT
- Maximum Working Pressure is 400 WOG
- Alternative Seals Available
- Alternative Disc, Lever and Cap Options May Be Available. Please Call for Details

Model	Inlet Size	Outlet Size	Dimensions (inches)		Pressure Range (PSIG)	Approx. Shipping Wt.	Max. Temp (°F)
			Height (A)	Width (B)			
305B	1/4" NPT	1/4" NPT	2-21/32"	2-3/16"	10-400	11 oz.	200°F
	3/8" NPT	3/8" NPT	1-19/32"			14 oz.	
						1 lb.	
						10 oz.	
	1/2" NPT	1/2" NPT	3-7/8"	3"		1 lb. 10 oz.	
						1 lb. 6 oz.	
	3/4" NPT	3/4" NPT	4-1/4"	3-1/8"		1 lb. 14 oz.	
						2 lb. 6 oz.	
	1" NPT	1" NPT	4-13/16"	4"		3 lb. 15 oz.	
						4 lb. 4 oz.	
						3 lb. 11 oz.	
	1-1/4" NPT	1-1/4" NPT	5-1/8"			4 lb. 4 oz.	

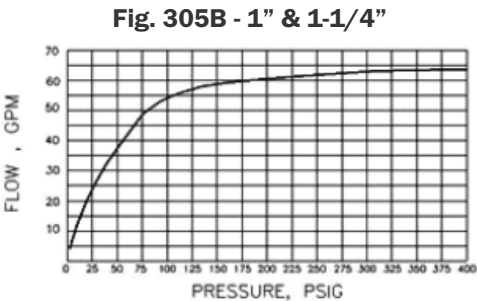
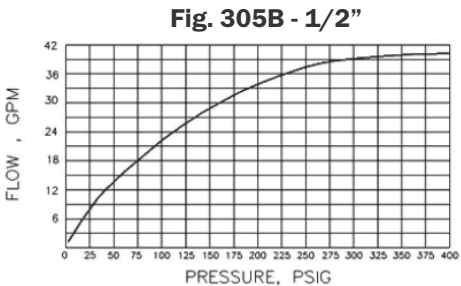
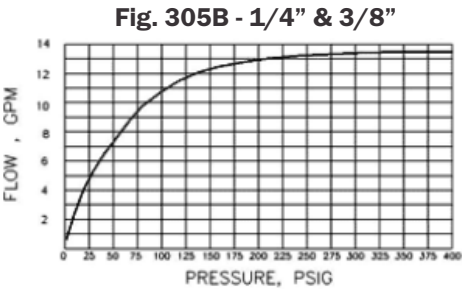
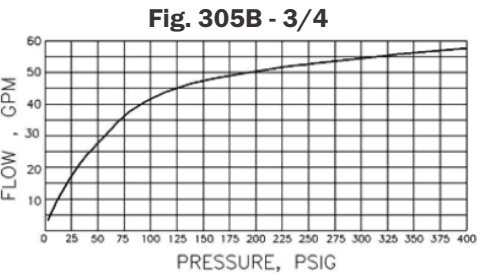
Materials

No.	Part Name	Materials
1	Body	Brass
2	Bracket	Infiltrated Iron
3	Lever (Squeeze)	Infiltrated Iron
4	Lever (Pull)	Brass
5	Cap	Brass
6	Stem	Brass
8	Plunger	Brass
9	Roll Pin	Carbon Steel
10	Spring	Stainless Steel
11	"O" Ring (Stem)	Buna "N"
12	"O" Ring (Plunger)	Buna "N"
13	Cage	Brass
14	Disc (Cage)	Buna "N"
15	Lock Nut	Brass



Kingston Model 305B Quick Opening Industrial Control Valve

Flow Capacity Information



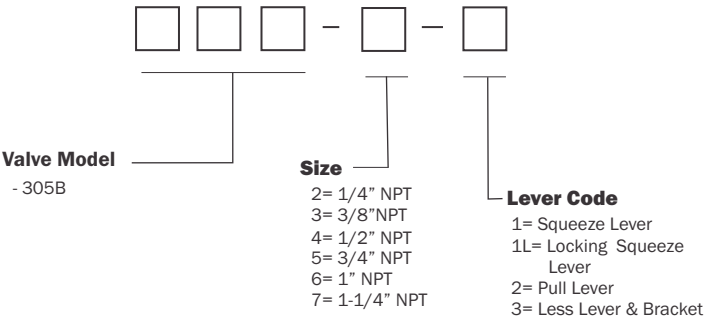
Product Notes

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Ordering Information

Kingston Air Actuators (305B) Part Number Codes



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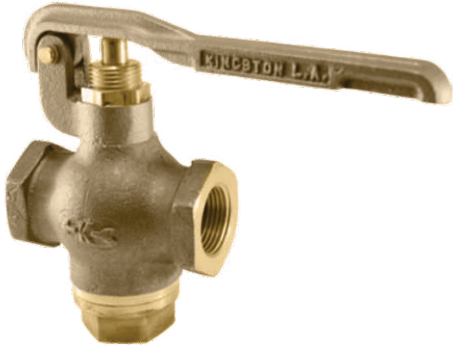
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425

Control Valve

Model 425

Kingston Quick Opening Flow Steam Valve



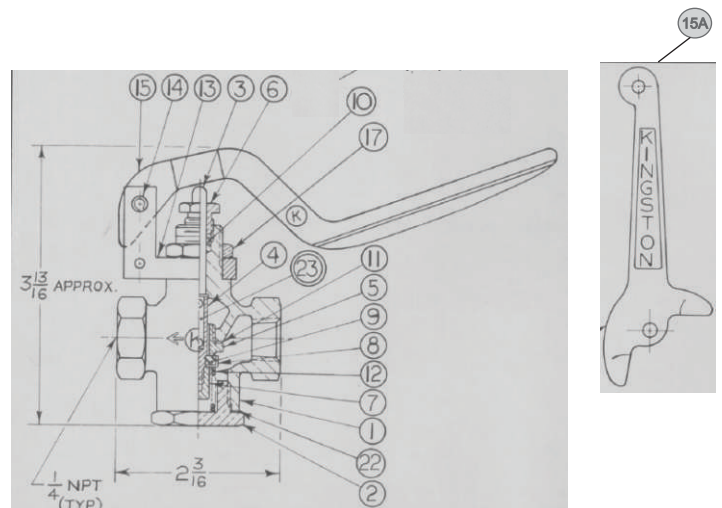
Features

- Specifically Designed for Industrial Cleaning, Automatic Carwash, and Other Saturated Steam or Hot Water Applications
- Rated for 150 PSIG Maximum, Saturated Steam Service
- Available in 1/4" to 3/4" Female Pipe Thread Sizes
- Available with "Squeeze" or "Pull" Type Lever for Operation
- Available for Remote Operation
- Alternative Disc, Seal, Lever and Cap Options May Be Available. Please Call for Details

Model	Inlet Size	Outlet Size	Dimensions (inches)		Pressure Range (PSIG)	Approx. Shipping Wt.
			Height (A)	Width (B)		
425	1/4" NPT	1/4" NPT	3-13/16"	2-3/16"	10-150	15 oz.
	1/2" NPT	1/2" NPT	4-1/4"	3"		1 lb. 14 oz.
	3/4" NPT	3/4" NPT	4-1/2"	3-3/32"		2 lb. 4 oz.

Materials

No.	Part Name	Materials
1	Body	Brass
2	Cap	Brass
3	Stem	Stainless Steel
4	Plunger	Brass
5	Seat Insert	Stainless Steel
6	Packing Gland	Brass
7	Plunger Nut	Brass
8	Disc Cage	Brass
9	Disc	Teflon
10	Packing	Teflon
11	Washer Seat	Com'l Copper
12	Spring	Stainless Steel
13	Bracket	Infiltrated Iron
14	Roll Pin	Carbon Steel
15	Squeeze Lever	Infiltrated Iron
15A	Pull Lever	Brass CSTG
17	Lock Nut	Brass
22	Gasket	Com'l Copper



Kingston Model 425 Quick Opening Flow Control Steam Valve

Flow Capacity Information

Fig. 425 - 1/4"

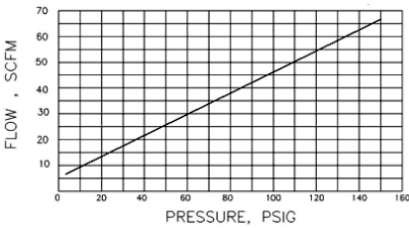


Fig. 425 - 1/4"

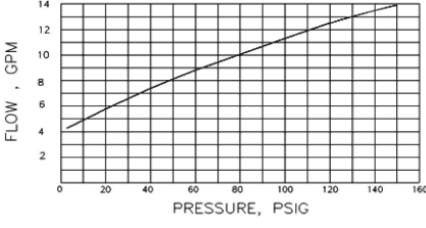


Fig. 425 - 1/2"

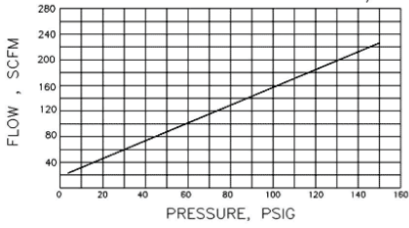


Fig. 425 - 1/2"

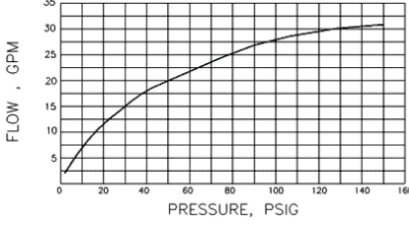
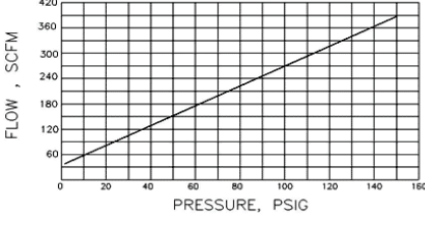
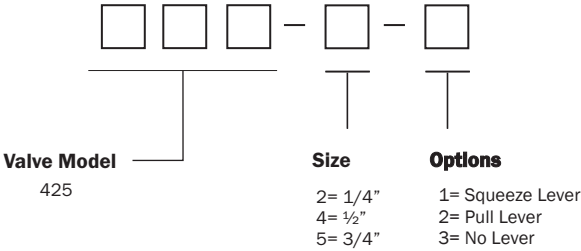


Fig. 425 - 3/4"



Ordering Information

Kingston Control Valves Part Number Codes



Product Notes

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