



Model Z3004

Pressure-Tru™ Floor Control Valve

Application

The Pressure-Tru™ Z3004 Series Pressure Reducing Valve is listed as a floor control valve, an indicating valve, and a check valve in automatic sprinkler systems as well as a standpipe valve for CLASS I and CLASS III systems. Regulates pressure under both flow and no-flow conditions. Can be adjusted and set at the factory or set in the field without draining the standpipe riser and fire sprinkler system.

Standards Compliance

- UL® Listed
- C-UL® Listed
- City of Los Angeles Approved
- NYC MEA 37-95-E
- SS option - California State Fire Marshall Listed

Material

Main valve body	Cast bronze ASTM B 584
Stem	Silicon bronze ASTM B 584
Flange	Navy "G" bronze ASTM B 584
Elastomers	Buna Nitrile (FDA approved) EPDM (FDA approved)
Springs	Chrome silicon, ASTM A 401 powder coated

Features

Sizes: 2 1/2"

Maximum inlet pressure	400 psi
End connections (FNPT)	ANSI B1.20.1
(Grooved)	AWWA C606
Factory or Field Set	
Tapped and plugged inlet and outlet for pressure gauge.	



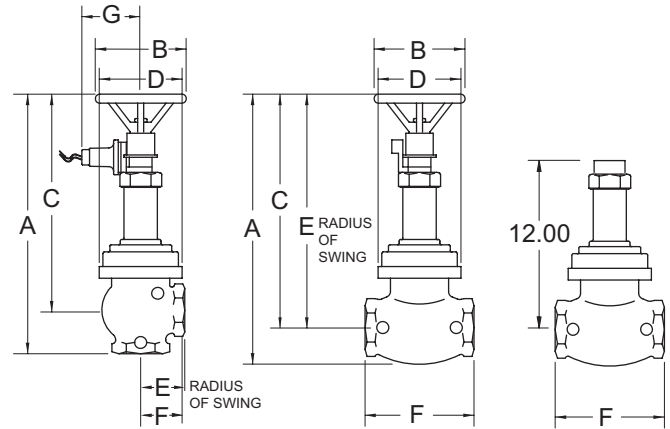
Z3004GMSA

Z3004SS

Options

(Suffixes can be combined)

- ☐ - angle type valve
- ☐ IL - in-line (globe type) valve
- ☐ G - Grooved inlet / outlet connections
- ☐ MSA - with monitor switch adapter
- ☐ SS - with integral supervisory switch contact rating of 3 amps at 125VAC and a tamper-resistant cover
- ☐ CAP - with capped bonnet, no handwheel assembly
- ☐ CH - with chrome finish



Z3004SS

Z3004ILMSA

Z3004ILCAP

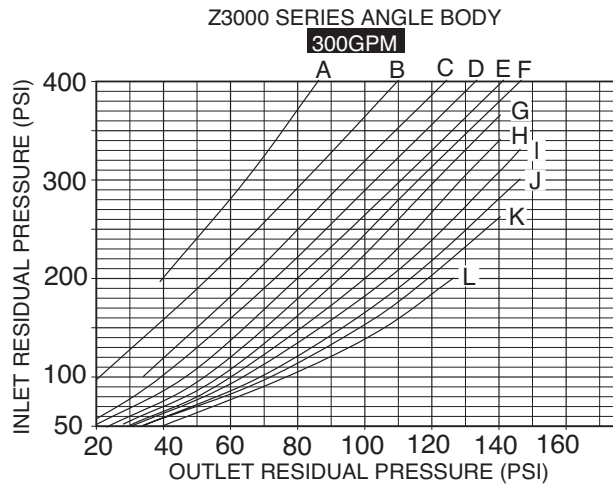
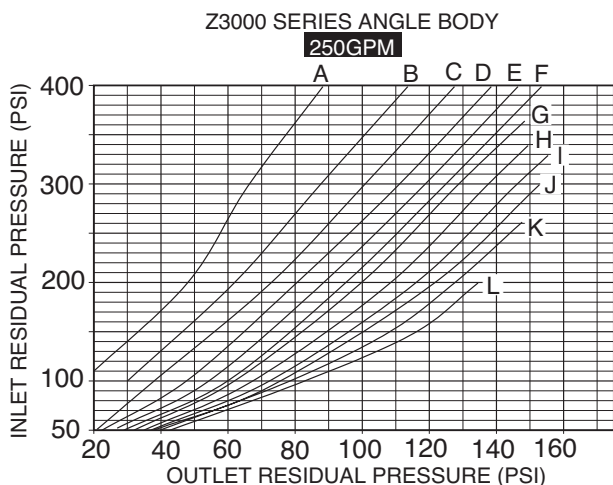
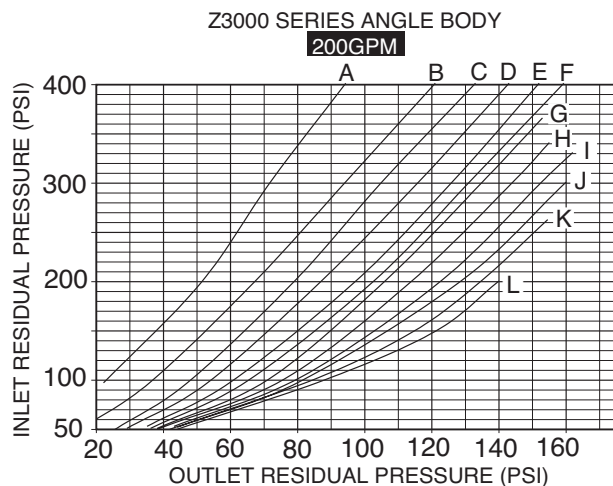
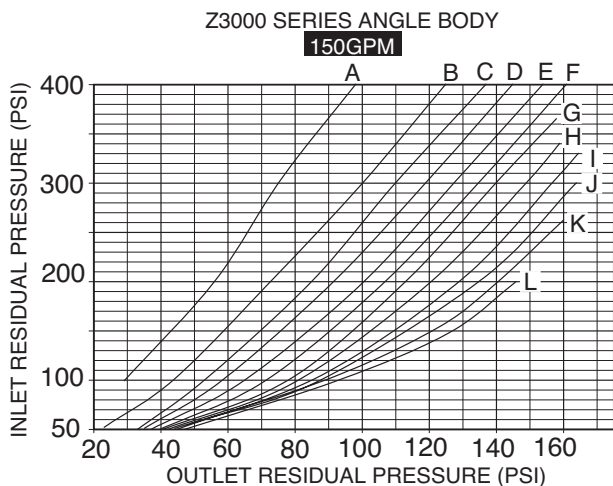
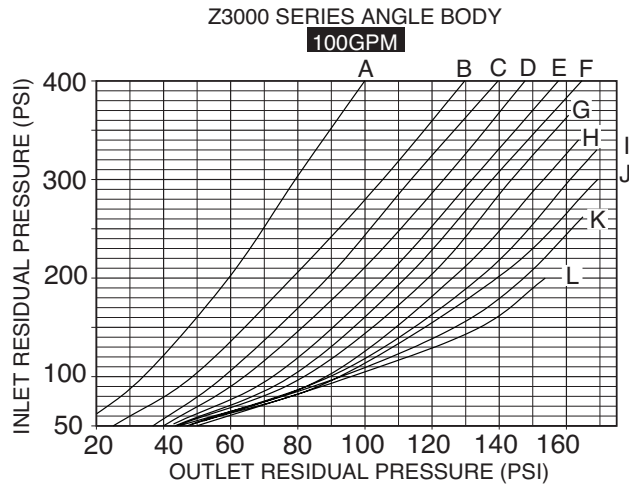
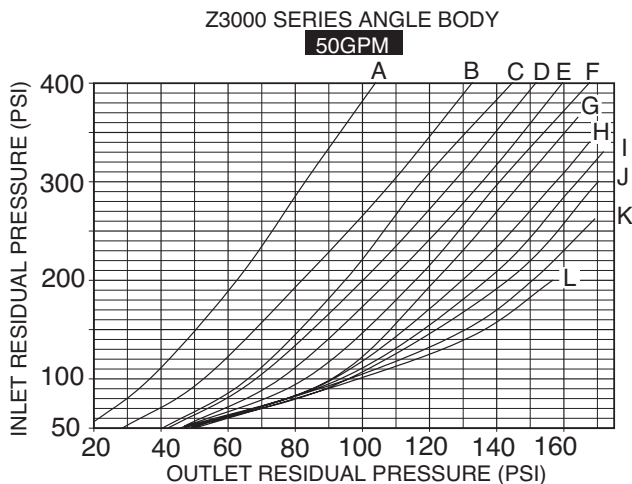
Dimensions & Weights (do not include pkg.)

MODEL	DIMENSIONS (approximate)																			
	A OPEN		A CLOSED		B		C OPEN		C CLOSED		D		E		F		G		WEIGHT	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs	kg
Z3004	18 3/8	467	17 1/2	445	6 1/4	159	15 5/8	397	14 3/4	375	5 3/4	146	3 1/2	89	3 1/16	78	N/A	N/A	30	13.6
Z3004SS	18 3/8	467	17 1/2	445	6 1/4	159	15 5/8	397	14 3/4	375	5 3/4	146	3 1/2	89	3 1/16	78	4 3/16	106	30	13.6
Z3004IL	19	483	18 1/8	460	6 1/4	159	16 9/16	421	15 3/4	400	5 3/4	146	16	406	7 1/2	191	N/A	N/A	34	15.4
Z3004G	18 3/4	480	18	460	6 1/4	159	16	410	15 1/4	390	5 3/4	146	3 1/2	89	3 3/16	81	N/A	N/A	30	13.6
Z3004ILG	19	483	18 1/2	470	6 1/4	159	16 9/16	421	15 3/4	400	5 3/4	146	16	406	8 3/4	222	N/A	N/A	34	15.2

Residual Pressure Charts

For Pressure-Tru™ 2 1/2" Angle Valves

Models: Z3000, Z3004, Z3005, Z3000G & Z3004G



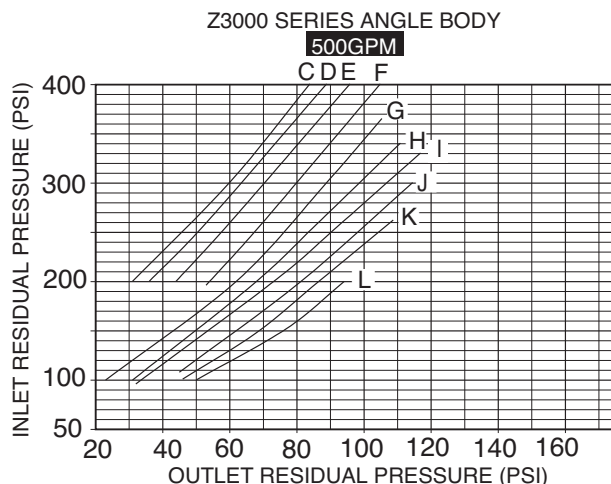
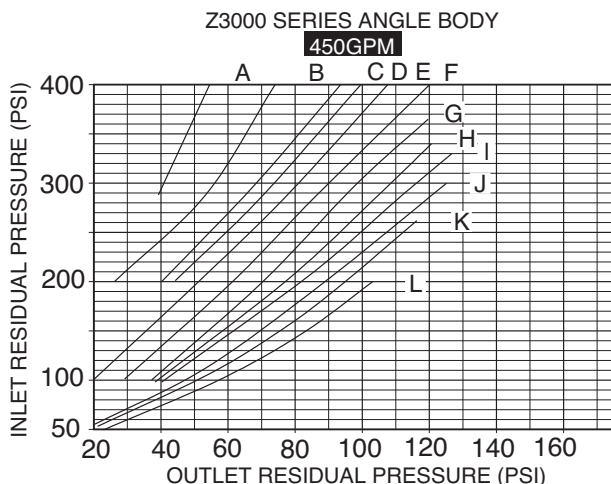
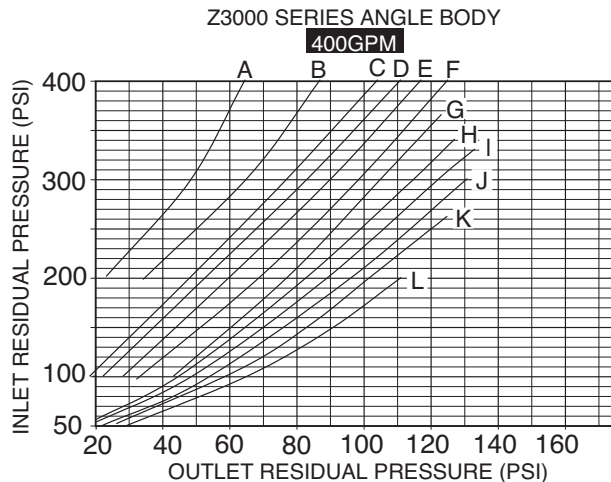
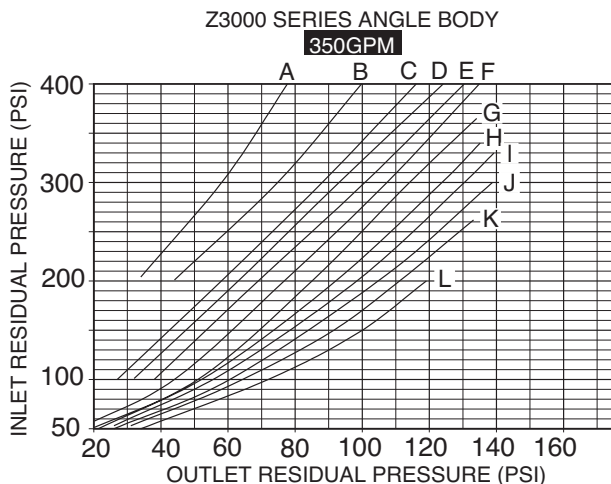
"A" DIMENSION SETTINGS (inches)											
A	B	C	D	E	F	G	H	I	J	K	L
3/8	1/2	5/8	11/16	3/4	13/16	7/8	15/16	1	1-1/16	1-1/8	1-3/16

Note: Curve accuracy= ± 5 PSIG

Residual Pressure Charts

For Pressure-Tru™ 2 1/2" Angle Valves

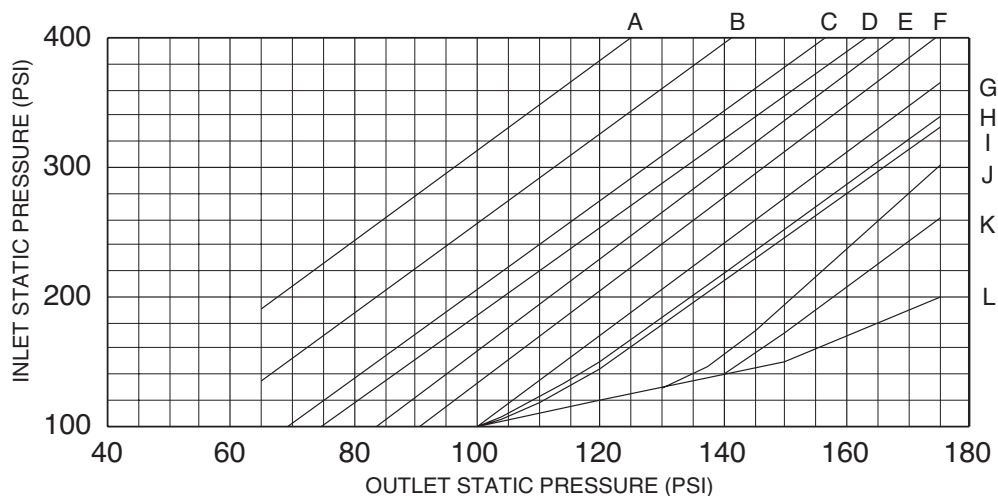
Models: Z3000, Z3004, Z3005, Z3000G & Z3004G



STATIC PRESSURE CHART

For Pressure-Tru™
Angle and In-line Valves
(2-1/2" Inlet and Outlet)

MODELS:
Z3000, Z3004 & Z3005
(All)



"A" DIMENSION SETTINGS (inches)											
A	B	C	D	E	F	G	H	I	J	K	L
3/8	1/2	5/8	11/16	3/4	13/16	7/8	15/16	1	1-1/16	1-1/8	1-3/16

Note: Curve accuracy= ± 5 PSIG

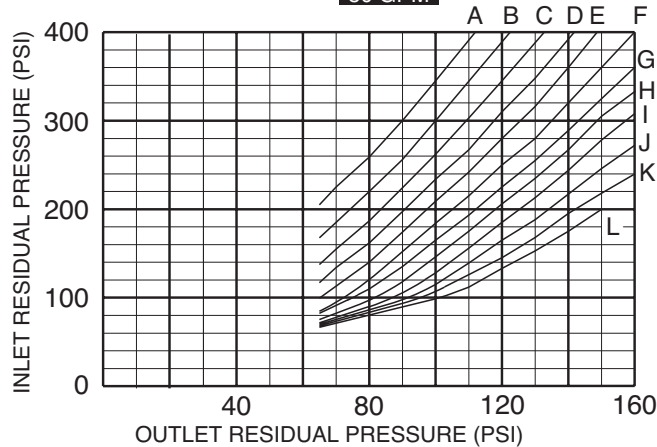
Residual Pressure Charts

For Pressure-Tru™ 2 1/2" In-line Valves

Models: Z3000IL, Z3004IL & Z3005IL

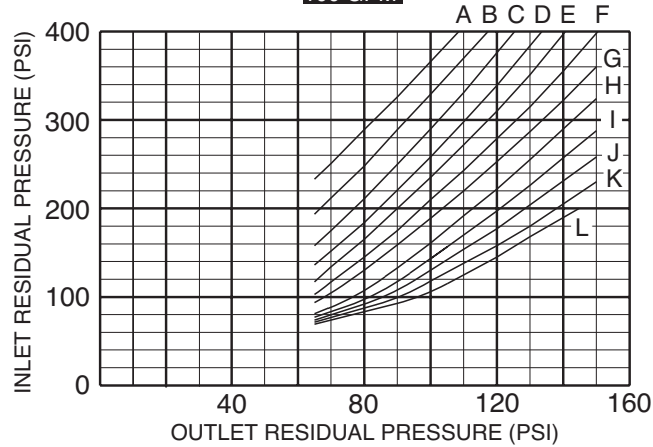
Z3000 SERIES INLINE BODY

50 GPM



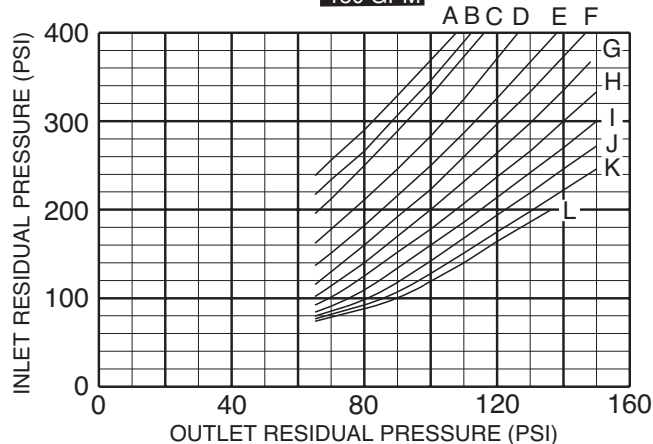
Z3000 SERIES INLINE BODY

100 GPM



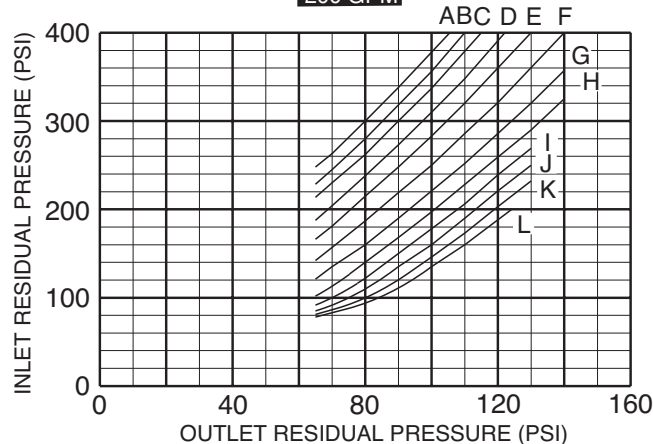
Z3000 SERIES INLINE BODY

150 GPM



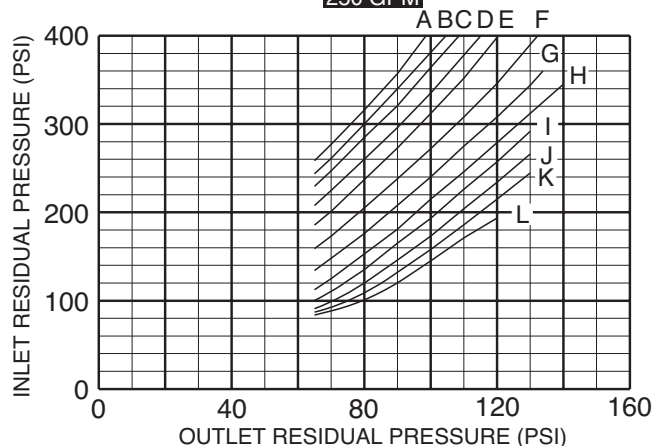
Z3000 SERIES INLINE BODY

200 GPM



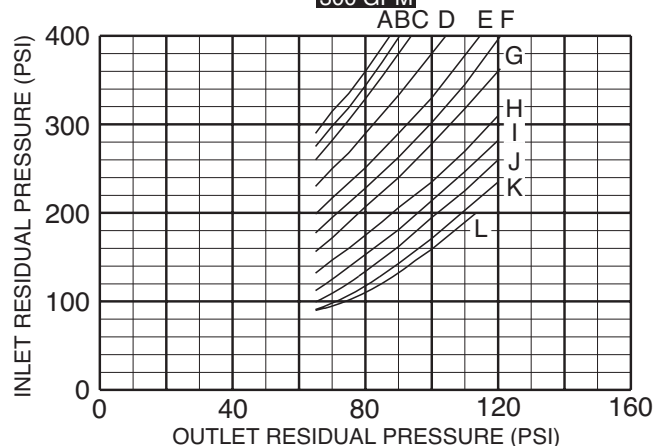
Z3000 SERIES INLINE BODY

250 GPM



Z3000 SERIES INLINE BODY

300 GPM



"A " DIMENSION SETTINGS (inches)

A	B	C	D	E	F	G	H	I	J	K	L
3/8	1/2	5/8	11/16	3/4	13/16	7/8	15/16	1	1-1/16	1-1/8	1-3/16

Note: Curve accuracy= ± 5 PSIG

Zurn Industries, LLC | Wilkins

1747 Commerce Way, Paso Robles, CA U.S.A. 93446 Ph. 855-663-9876, Fax 805-238-5766

In Canada | Zurn Industries Limited

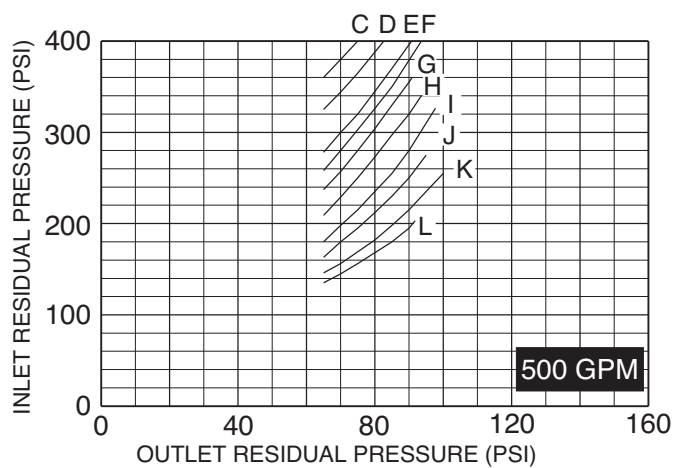
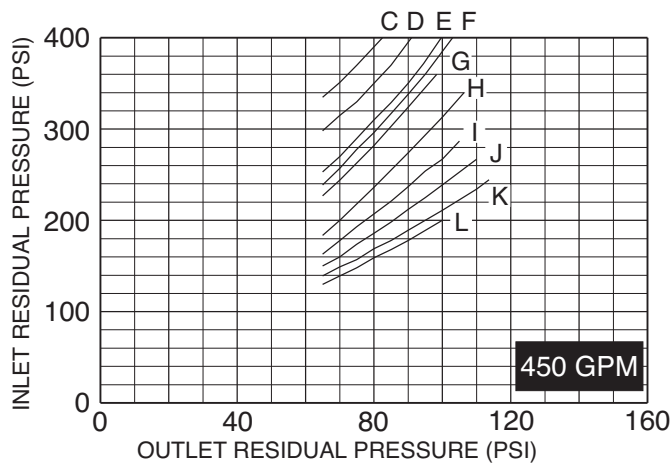
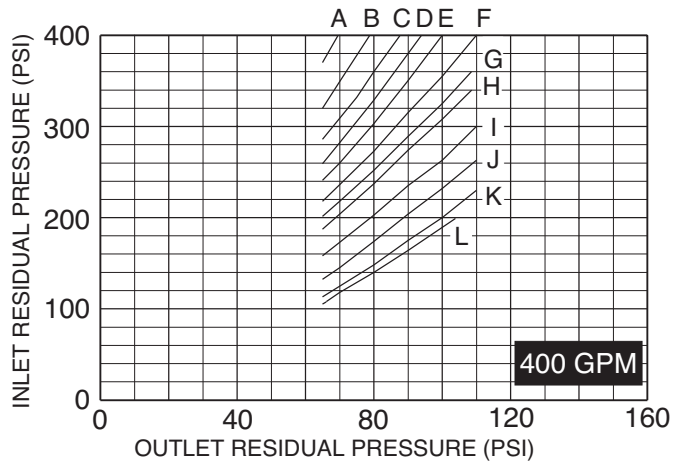
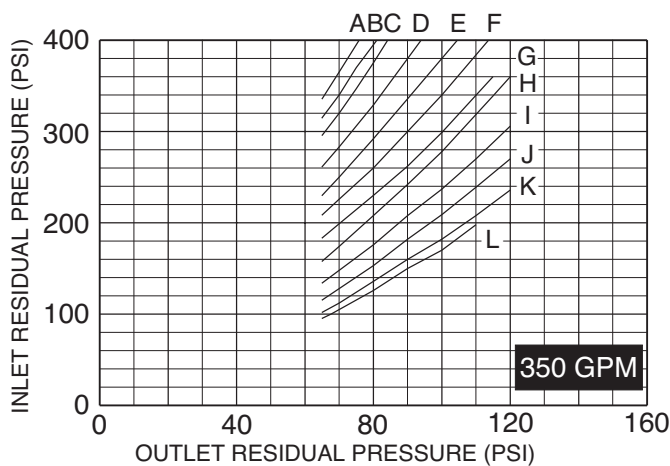
7900 Goreway Drive, Unit 10, Brampton, Ontario L6T 5W6, 877-892-5216

www.zurn.com

Residual Pressure Charts

For Pressure-Tru™ 2 1/2" In-line Valves

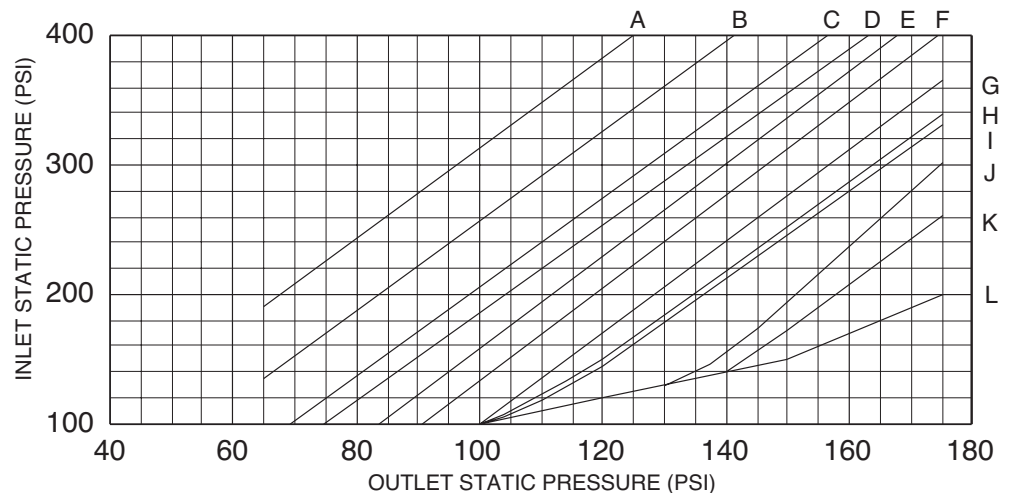
Models: Z3000IL, Z3004IL & Z3005IL



STATIC PRESSURE CHART

For Pressure-Tru™
Angle and In-line Valves
(2-1/2" Inlet and Outlet)

MODELS:
Z3000, Z3004 & Z3005
(All)



"A" DIMENSION SETTINGS (inches)											
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Note: Curve accuracy= ± 5 PSIG

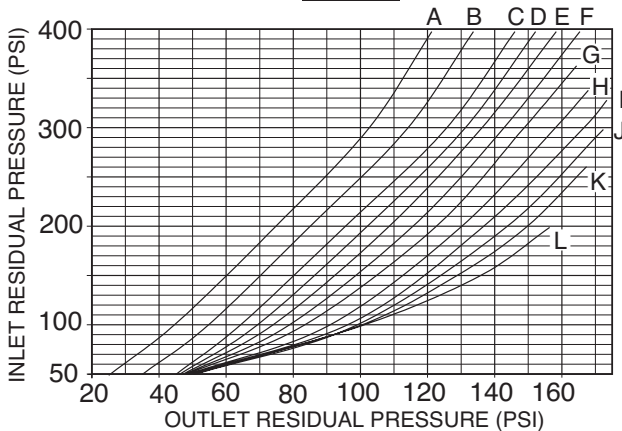
Residual Pressure Charts

For Pressure-Tru™ 2 1/2" In-line Grooved Valves

Models: Z3000ILG & Z3004ILG

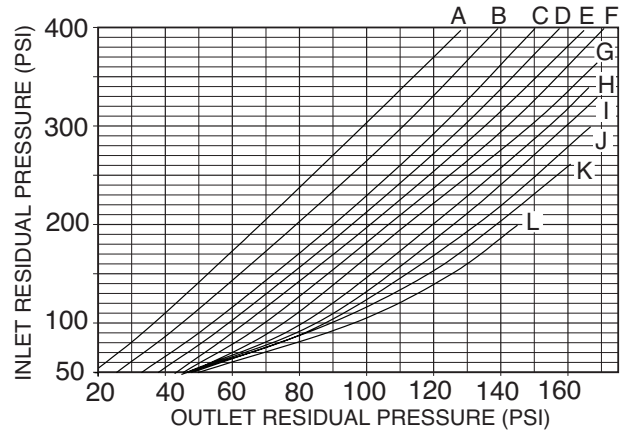
Z3000 SERIES INLINE BODY GROOVED

50GPM



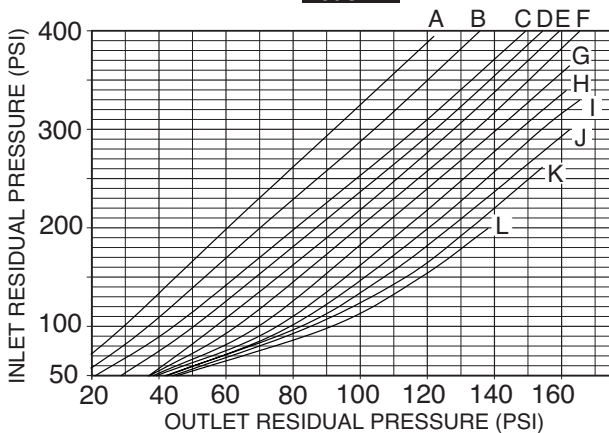
Z3000 SERIES INLINE BODY GROOVED

100GPM



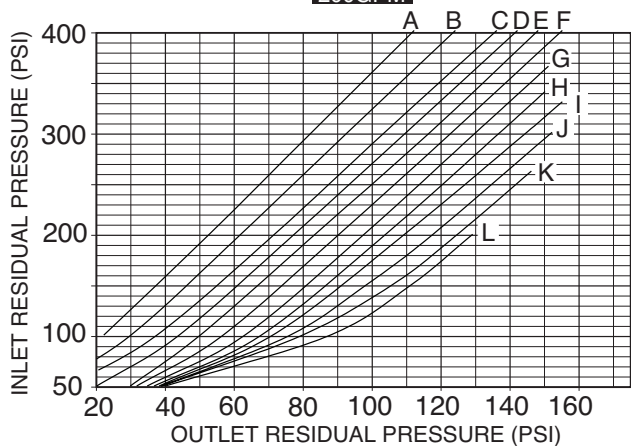
Z3000 SERIES INLINE BODY GROOVED

150GPM



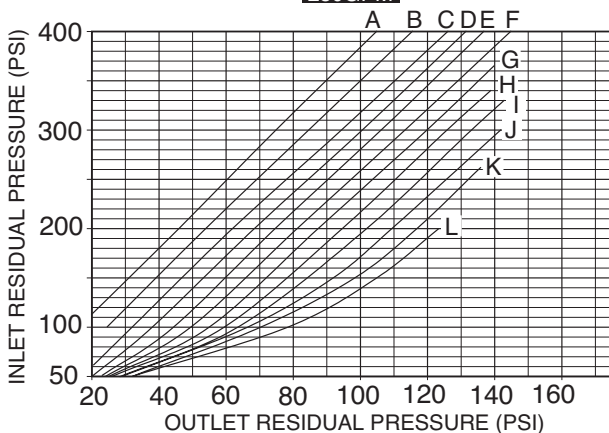
Z3000 SERIES INLINE BODY GROOVED

200GPM



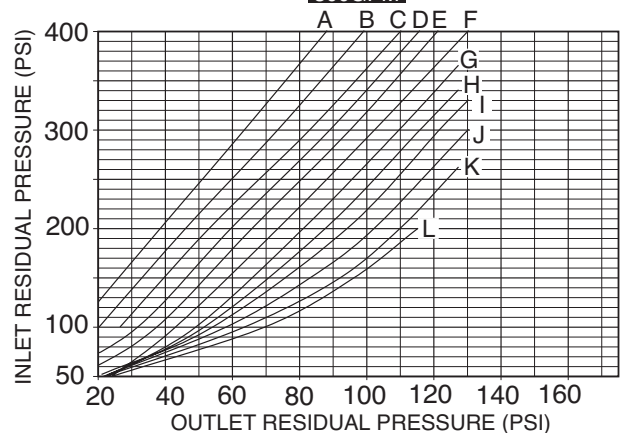
Z3000 SERIES INLINE BODY GROOVED

250GPM



Z3000 SERIES INLINE BODY GROOVED

300GPM



"A" DIMENSION SETTINGS (inches)

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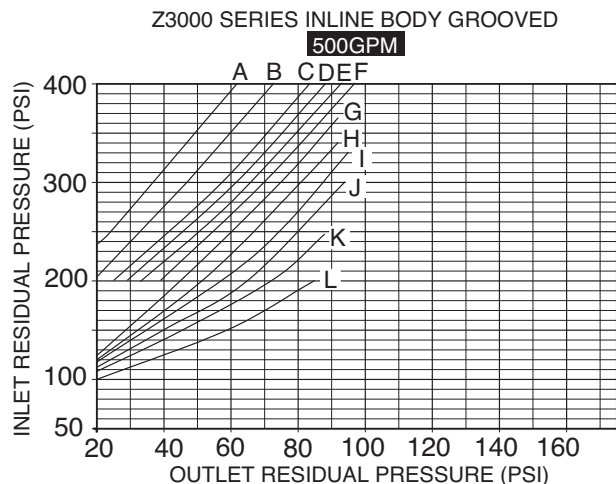
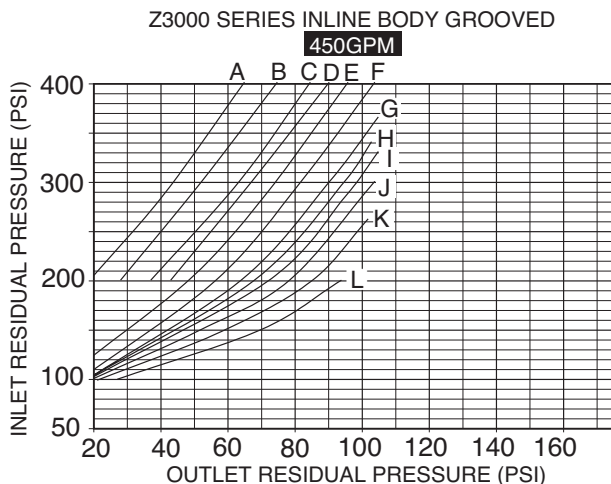
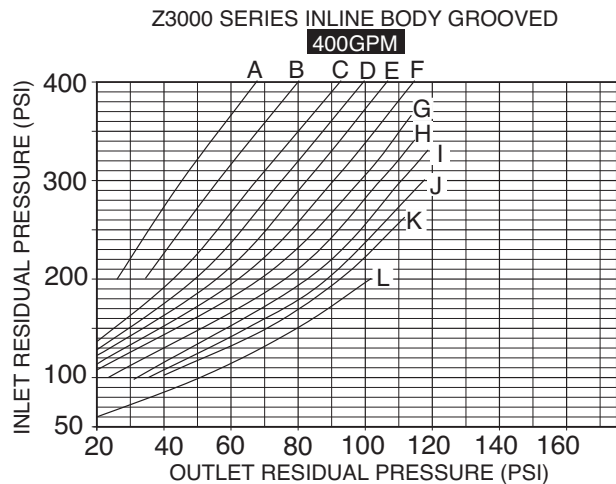
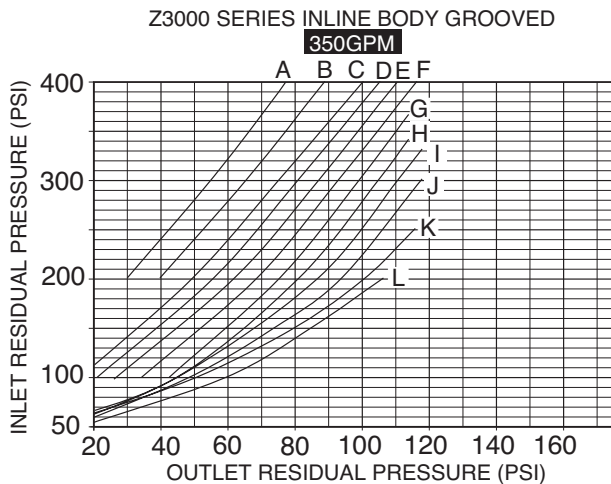
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Residual Pressure Charts

For Pressure-Tru™ 2 1/2" In-line Grooved Valves

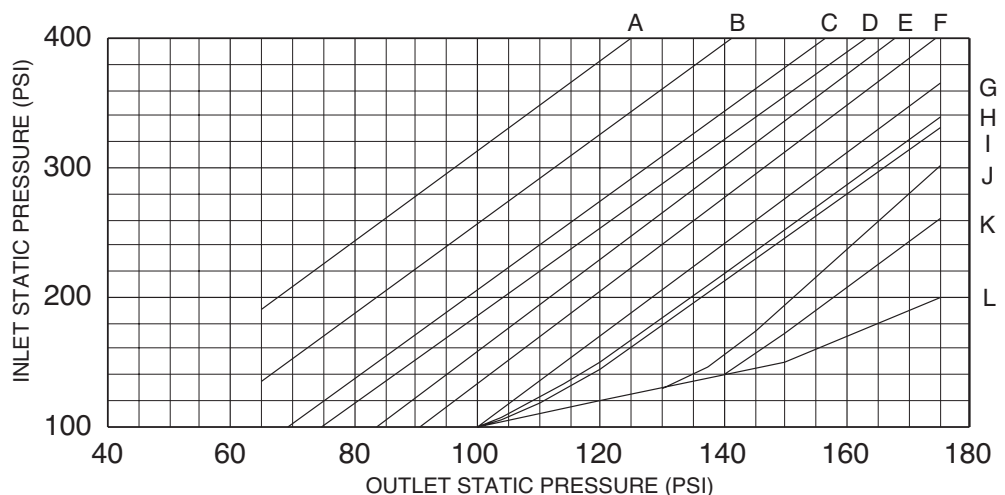
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STATIC PRESSURE CHART

For Pressure-Tru™
Angle and In-line Valves
(2-1/2" Inlet and Outlet)

MODELS:
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(All)



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Note: Curve accuracy= ± 5 PSIG