



Model Z3000 & Z3005

Pressure-Tru™ Fire Hose Valve

Application

The Pressure-Tru™ Z3000 and Z3005 Series Pressure Reducing Valve is listed as a standpipe valve for individual hose stations in 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.

Standards Compliance

- UL® Listed
- C-UL® Listed
- City of Los Angeles Approved
- NYC MEA 37-95-E

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 313 powder coated

Features

Sizes: 2 1/2"

Maximum inlet pressure	400 psi
Inlet connection (Z3000)	FNPT or Groove
Inlet connection (Z3005)	FNPT
Outlet connection (Z3000)	Male hose
Outlet connection (Z3005)	FNPT
Factory or Field Set	
Tapped and plugged inlet and outlet for pressure gauge.	



Z3000 C/C



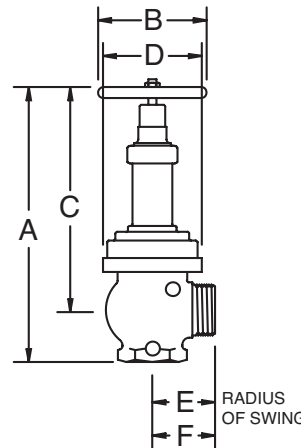
Z3005

Options

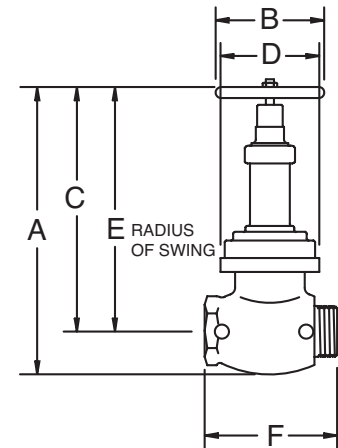
(Suffixes can be combined)

- Z3000 - angle type valve
- IL - in-line (globe type) valve
- G - with grooved inlet
- SF - with San Francisco hose thread (3")
- ST - with special hose thread
- C/C - with cap and chain
- CH - with chrome finish

- Z3005 - female NPT inlet and outlet angle valve
- IL - female NPT inlet and outlet in-line valve
- CH - with chrome finish



Z3000



Z3000IL

Dimensions & Weights (do not include pkg.)

MODEL	DIMENSIONS (approximate)																	
	A OPEN		A CLOSED		B		C OPEN		C CLOSED		D		E		F		WEIGHT	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs	kg
Z3000	16 3/4	425	15 7/8	403	6 1/4	159	14	354	13 1/8	334	5 3/4	146	3 1/2	89	3 3/16	81	28	12.7
Z3000IL	17 3/8	441	16 1/2	419	6 1/4	159	14 15/16	379	14 1/6	357	5 3/4	146	14 1/16	357	7 1/2	191	30	13.6
Z3000G	17 3/16	437	16 5/16	414	6 1/4	159	14	354	13 1/8	334	5 3/4	146	3 1/2	89	3 3/16	81	29	13.6
Z3000ILG	17 3/8	441	16 1/2	419	6 1/4	159	14 15/16	379	14 1/16	357	5 3/4	146	14 1/16	357	8 3/4	222	30	13.6
Z3005	16 3/4	425	15 7/8	403	6 1/4	159	14	354	13 1/8	334	5 3/4	146	3 1/2	89	3 1/16	78	29	13.2
Z3005IL	17 3/8	441	16 1/2	419	6 1/4	159	14 15/16	379	14 1/16	357	5 3/4	146	14 1/16	357	7 1/2	191	30	13.6
Z3005SF	16 3/4	425	15 7/8	403	6 1/4	159	14	354	13 1/8	334	5 3/4	146	14 5/16	364	3 15/16	100	28.5	12.9

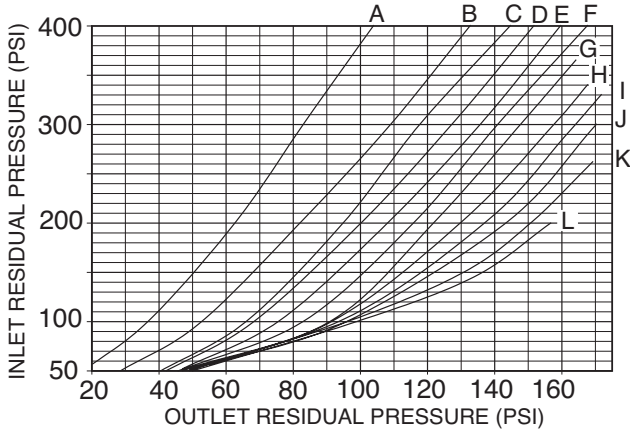
Residual Pressure Charts

For Pressure-Tru™ 2 1/2" Angle Valves

Models: Z3000, Z3004, Z3005, Z3000G & Z3004G

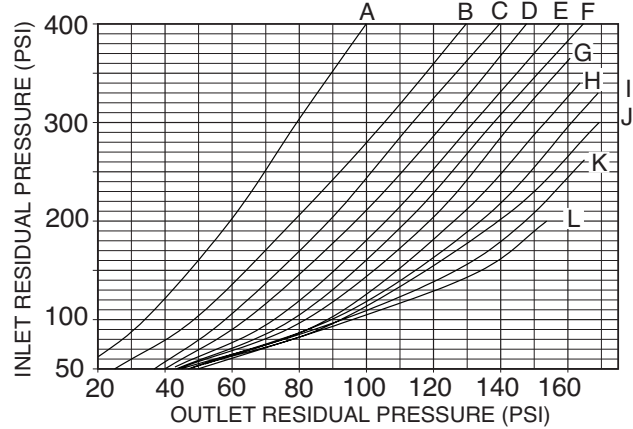
Z3000 SERIES ANGLE BODY

50GPM



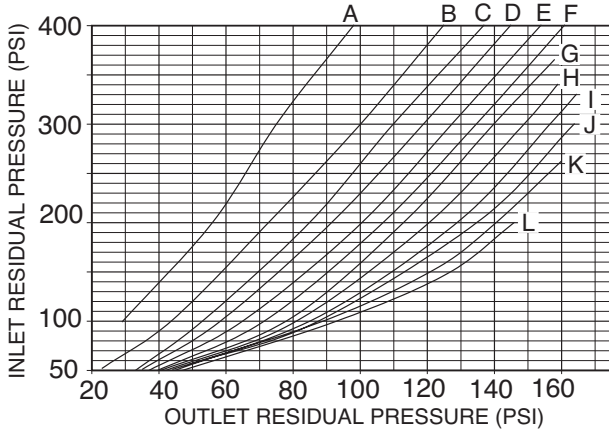
Z3000 SERIES ANGLE BODY

100GPM



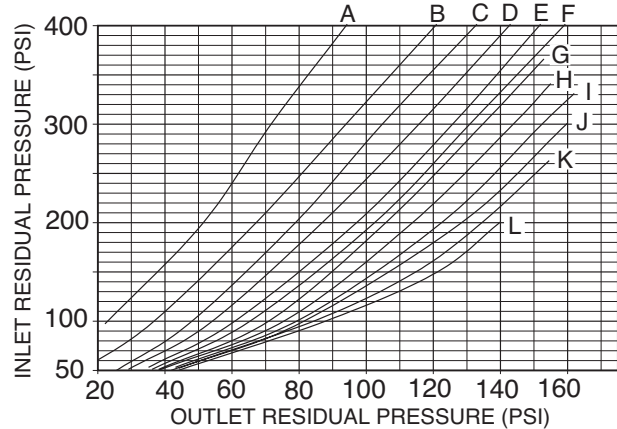
Z3000 SERIES ANGLE BODY

150GPM



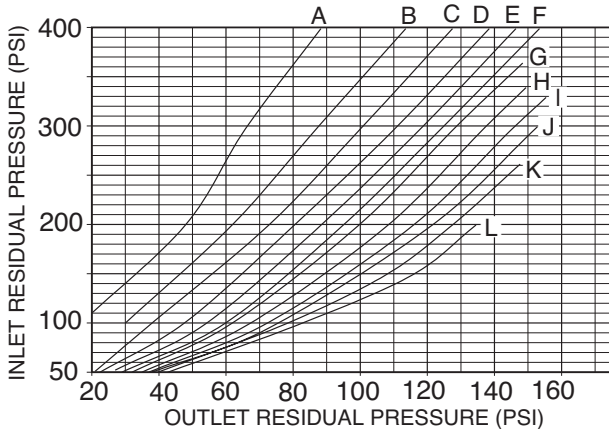
Z3000 SERIES ANGLE BODY

200GPM



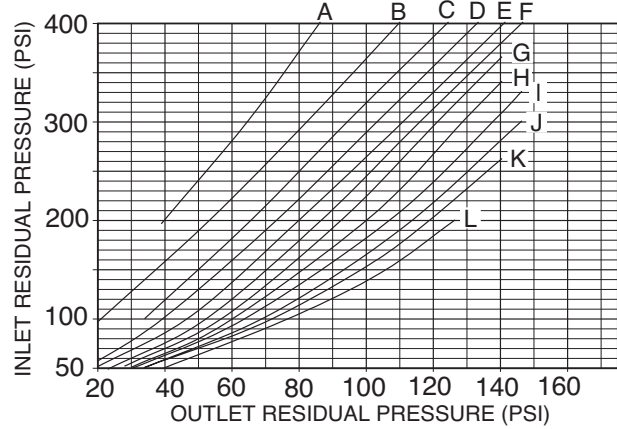
Z3000 SERIES ANGLE BODY

250GPM



Z3000 SERIES ANGLE BODY

300GPM



"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

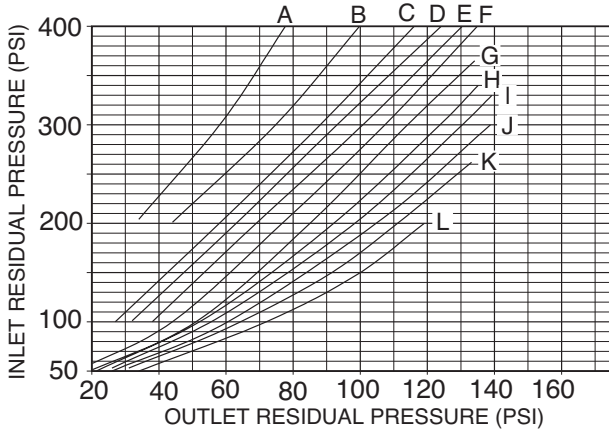
Residual Pressure Charts

For Pressure-Tru™ 2 1/2" Angle Valves

Models: Z3000, Z3004, Z3005, Z3000G & Z3004G

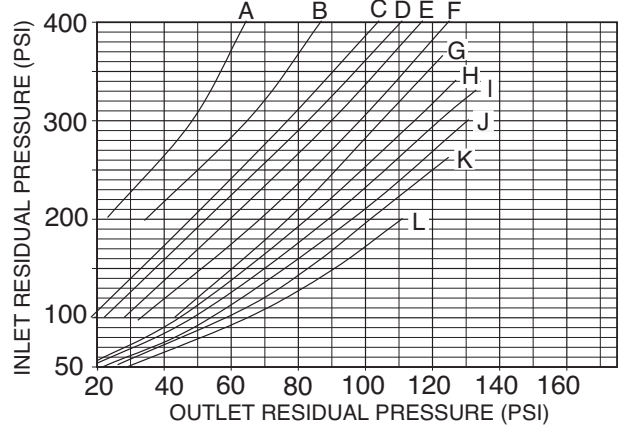
Z3000 SERIES ANGLE BODY

350GPM



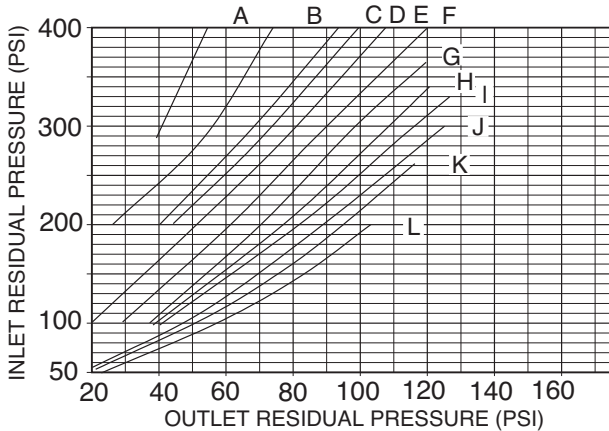
Z3000 SERIES ANGLE BODY

400GPM



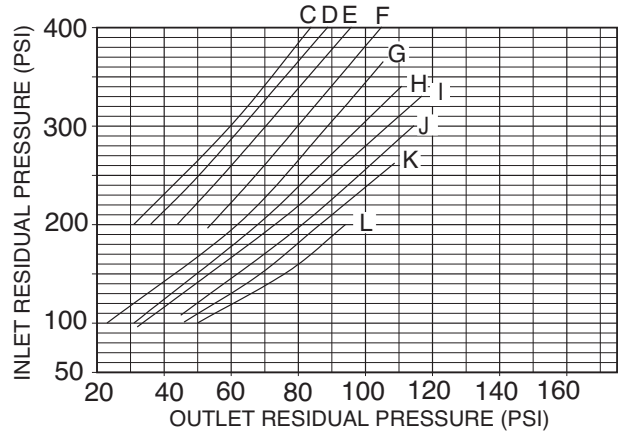
Z3000 SERIES ANGLE BODY

450GPM



Z3000 SERIES ANGLE BODY

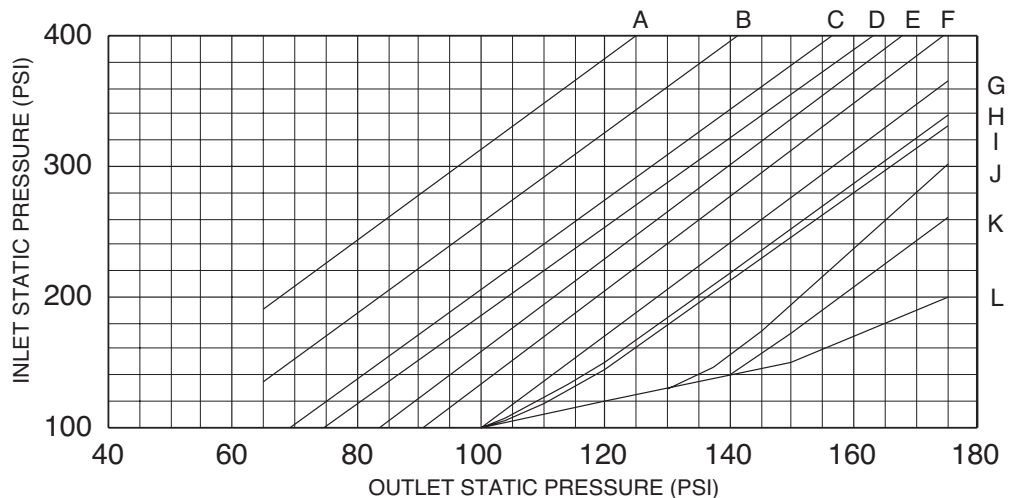
500GPM



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

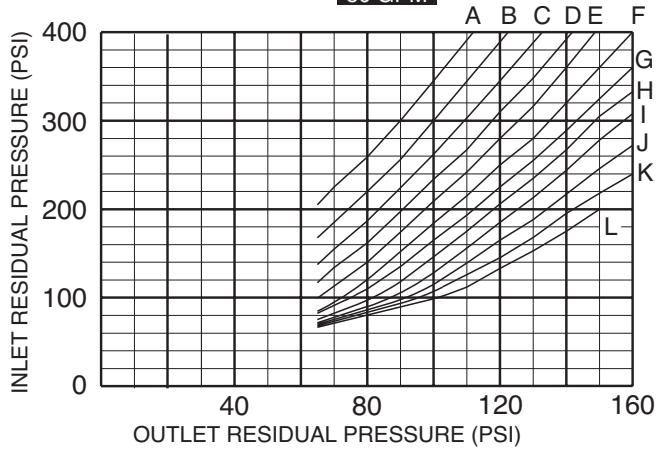
Residual Pressure Charts

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

Models: Z3000IL, Z3004IL & Z3005IL

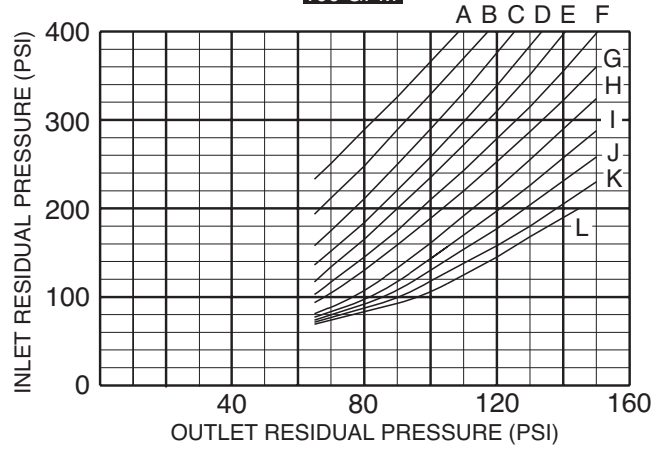
Z3000 SERIES INLINE BODY

50 GPM



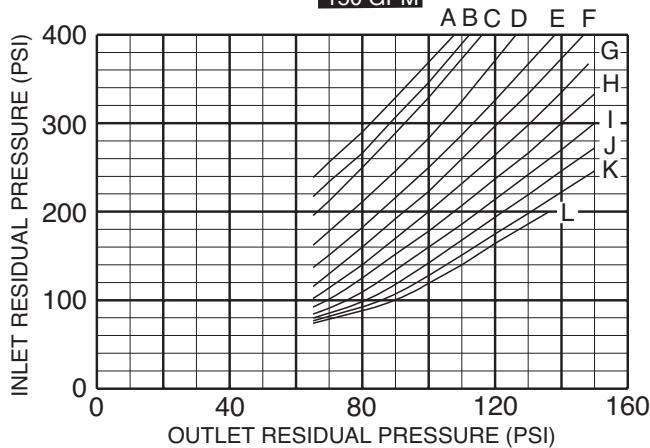
Z3000 SERIES INLINE BODY

100 GPM



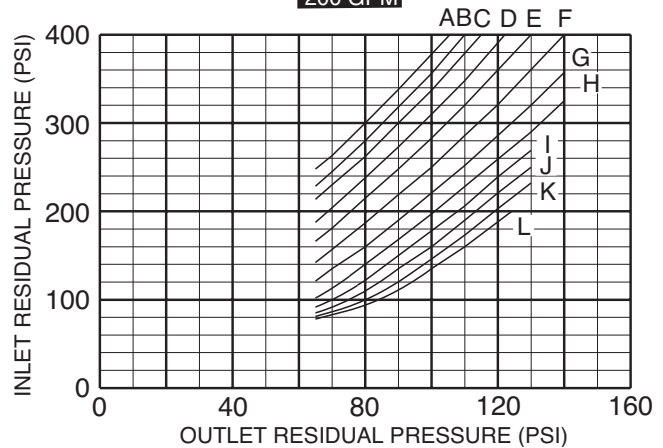
Z3000 SERIES INLINE BODY

150 GPM



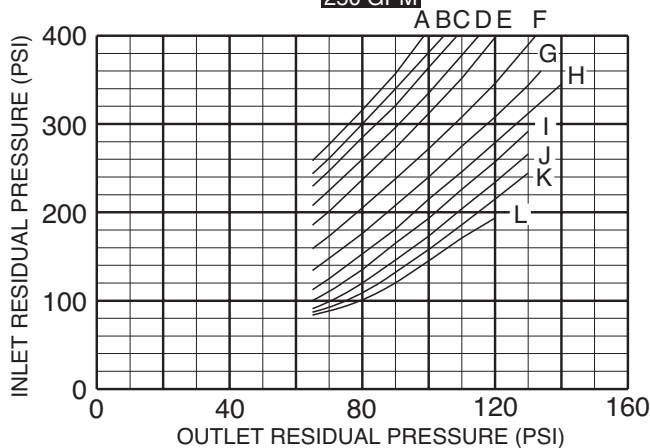
Z3000 SERIES INLINE BODY

200 GPM



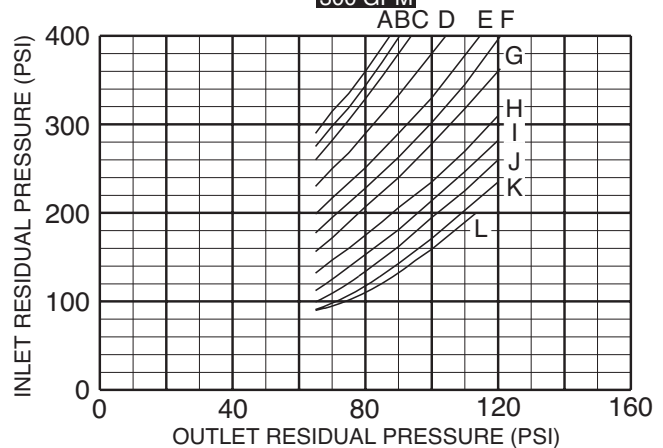
Z3000 SERIES INLINE BODY

250 GPM



Z3000 SERIES INLINE BODY

300 GPM



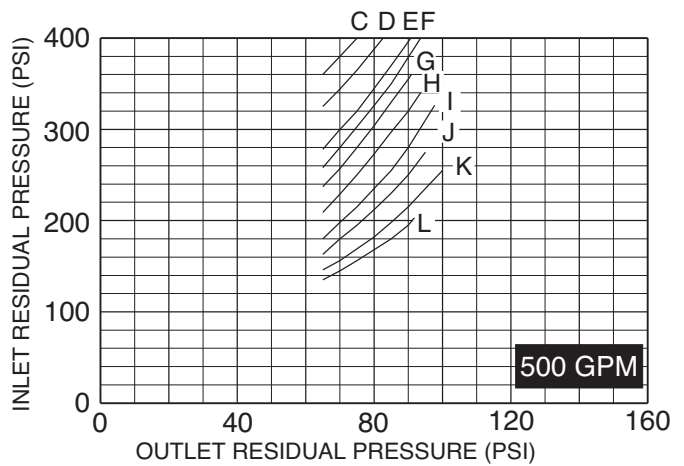
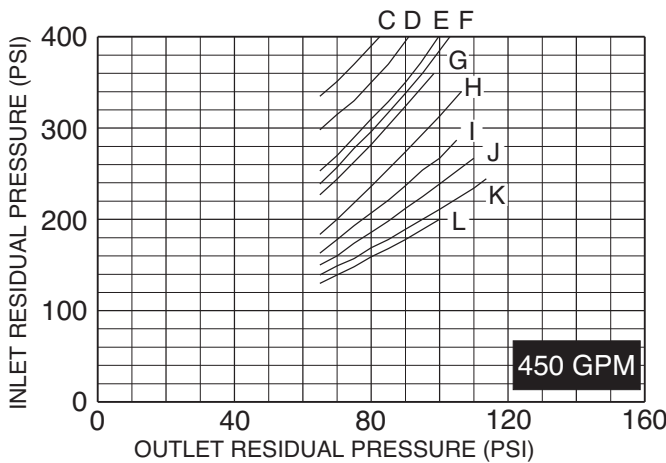
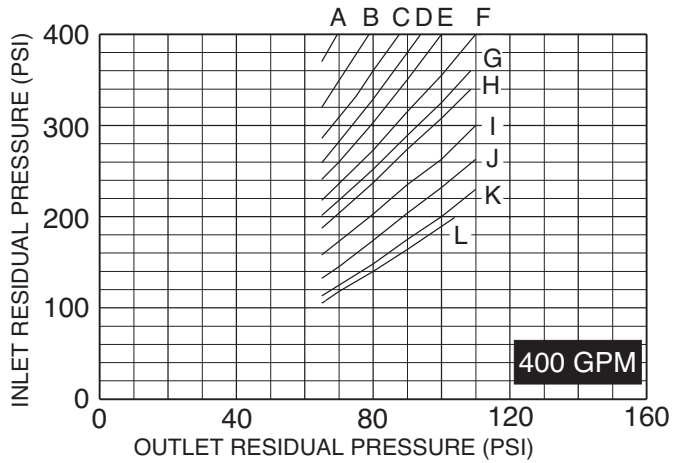
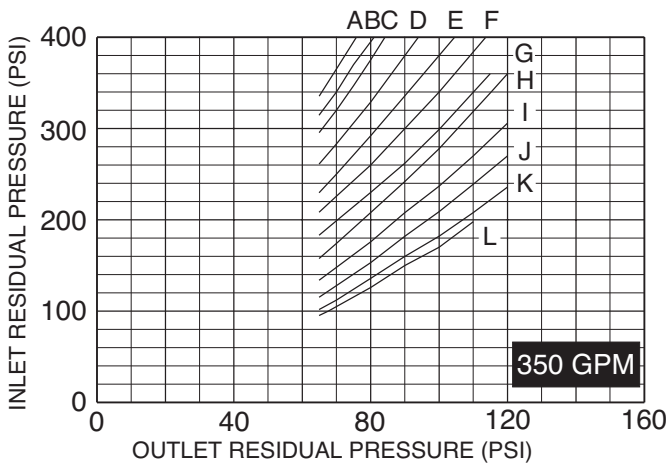
"A" DIMENSION SETTINGS (inches)												
A	B	C	D	E	F	G	H	I	J	K	L	
3/8	1/2	5/8	11/16	3/4	13/16	7/8	15/16	1	1-1/16	1-1/8	1-3/16	

Note: Curve accuracy= ± 5 PSIG

Residual Pressure Charts

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

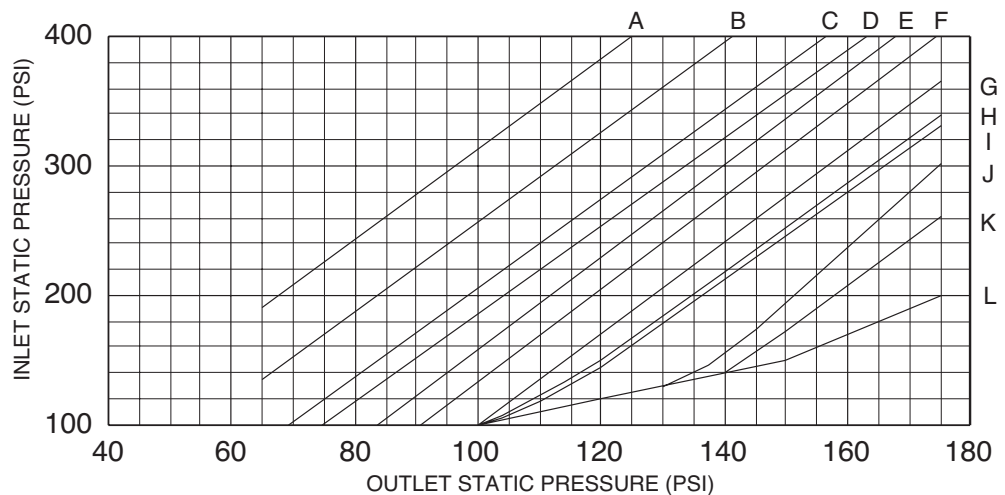
Models: Z3000IL, Z3004IL & Z3005IL



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)

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

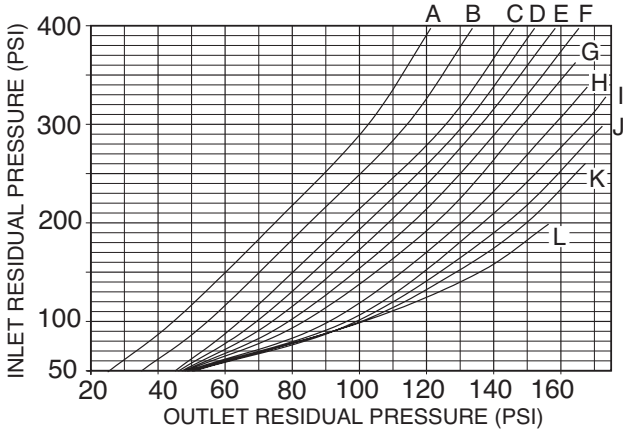
Residual Pressure Charts

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

Models: Z3000ILG & Z3004ILG

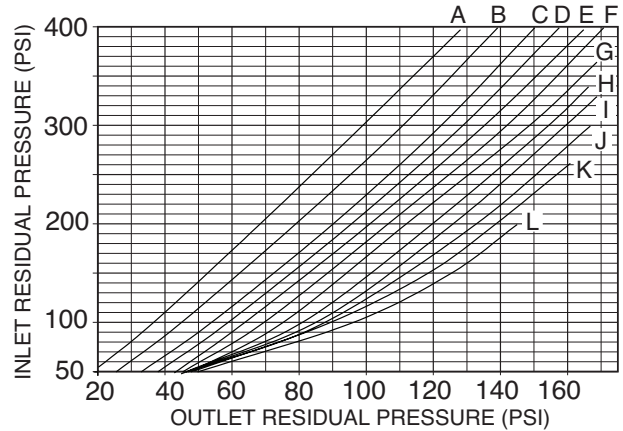
Z3000 SERIES INLINE BODY GROOVED

50GPM



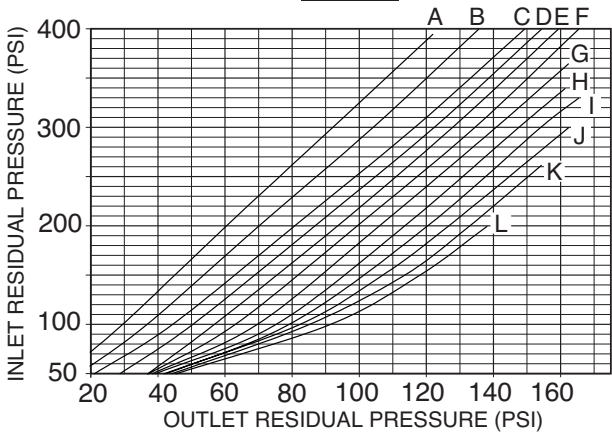
Z3000 SERIES INLINE BODY GROOVED

100GPM



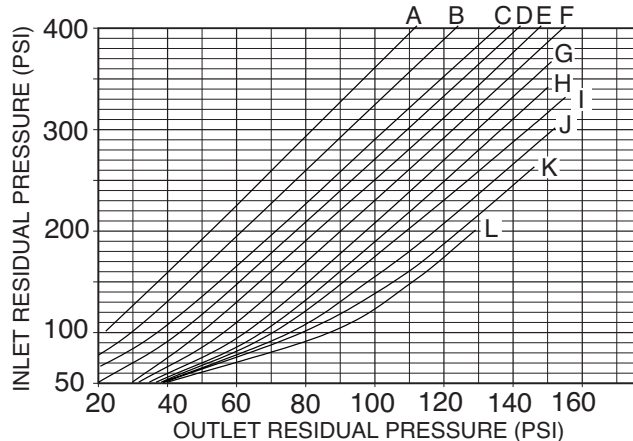
Z3000 SERIES INLINE BODY GROOVED

150GPM



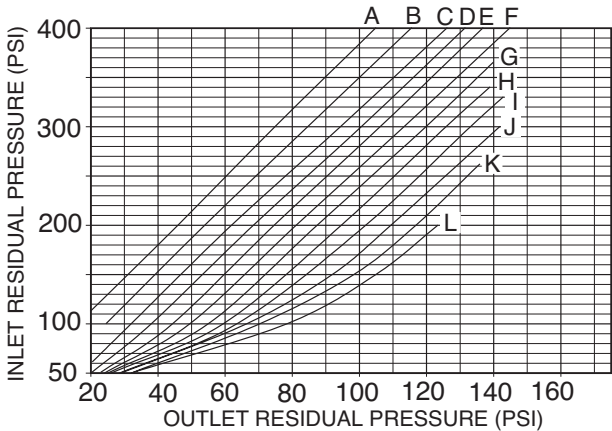
Z3000 SERIES INLINE BODY GROOVED

200GPM



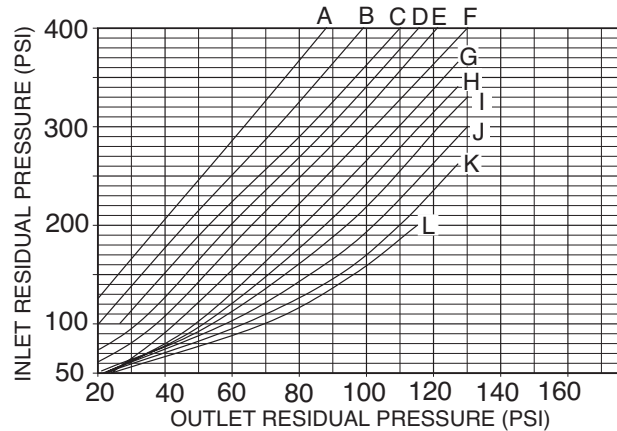
Z3000 SERIES INLINE BODY GROOVED

250GPM



Z3000 SERIES INLINE BODY GROOVED

300GPM



"A" DIMENSION SETTINGS (inches)

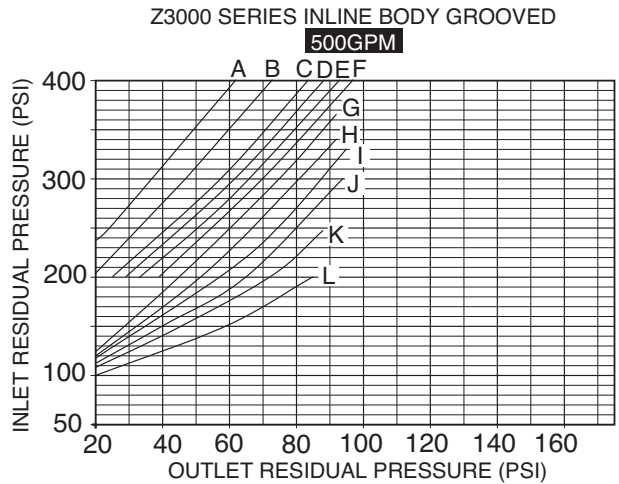
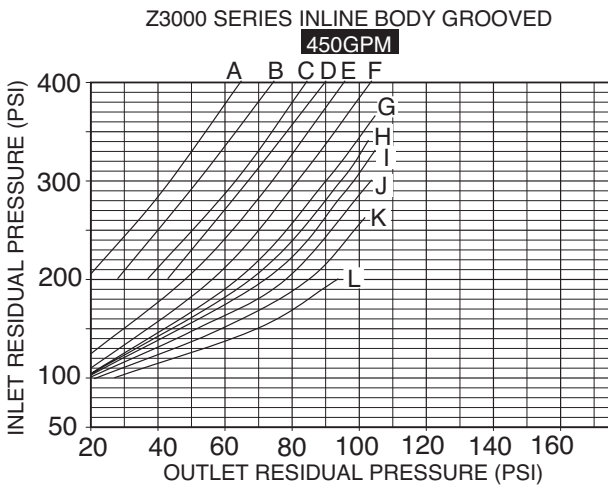
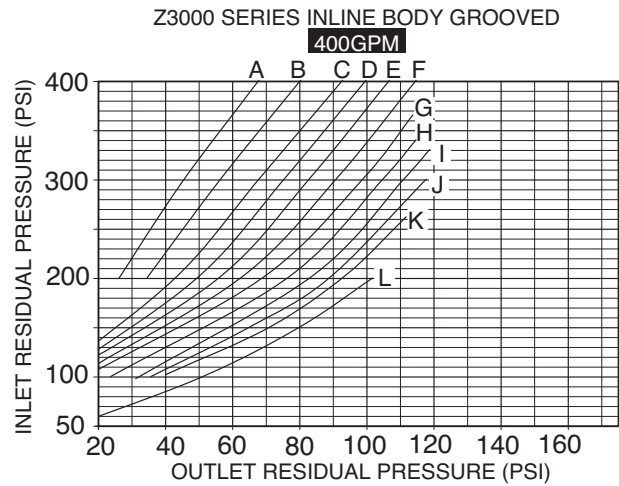
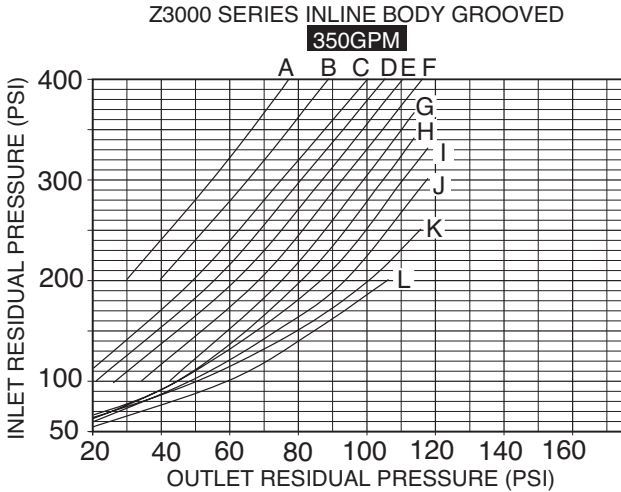
A	B	C	D	E	F	G	H	I	J	K	L
3/8	1/2	5/8	11/16	3/4	13/16	7/8	15/16	1	1-1/16	1-1/8	1-3/16

Note: Curve accuracy = ± 5 PSIG

Residual Pressure Charts

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

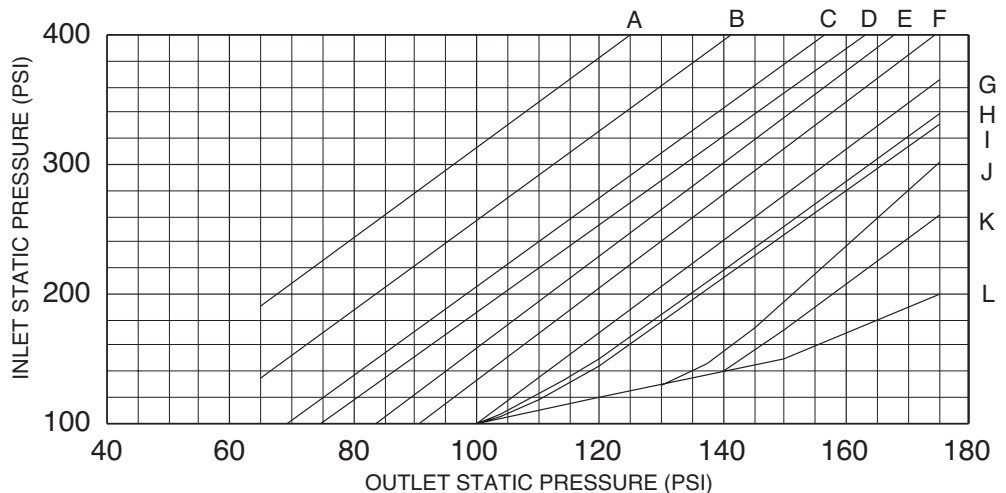
Models: Z3000ILG & Z3004ILG



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