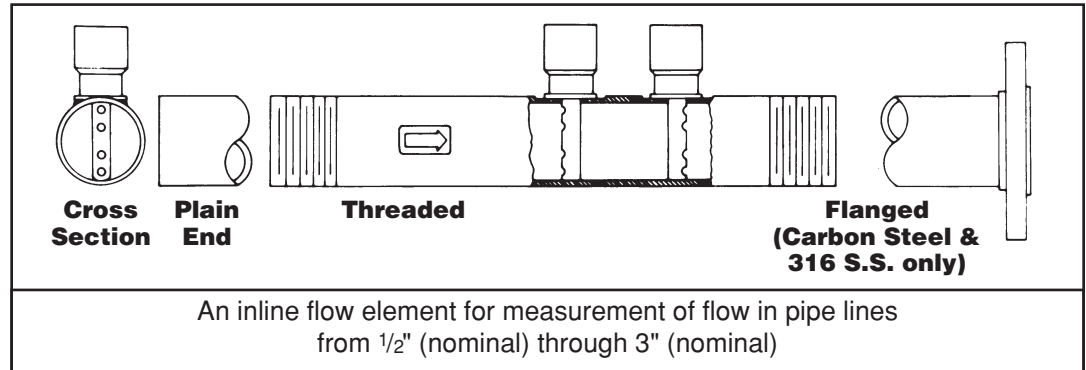


## MODEL 300



### Functions & Applications:

### Specifications:

Materials		Carbon Steel (a)		316 Stainless Steel (b)		CPVC Solvent Welded
Pipe Size		1/2", 3/4", 1", 1 1/2", 2", 2 1/2", 3"				1/2", 3/4", 1", 1 1/2", 2", 2 1/2", 3" Schedule 80 only
End Connections		Threaded	Welded	Threaded	Welded	Threaded - Standard Plain End - Optional
Working Pressure (PSIG) Carbon Steel Based on -20 to 600°F 316 S.S. Based on -20 to 200°F  CPVC (Water Service) Up to 73.4°F (23°C)  For other media and/or temperatures, see Engineering Data.	<b>Pipe Size</b>	<b>Schedule 40</b>	<b>Schedule 40</b>	<b>Schedule 40</b>	<b>Schedule 40</b>	<b>Schedule 80</b>
	1/2	1320	2950	2080	4640	300
	3/4	1130	2400	1770	3770	240
	1	1020	2240	1600	3520	220
	1 1/2	830	1660	1310	2600	170
	2	740	1390	1170	2190	140
	2 1/2	750	1530	1180	2400	150
	3	690	1320	1080	2080	130
<b>NOTES:</b>		For flange applications, see ASME/ANSI B16.5 or Mid-West Bulletin No. ASDE/Latest. (a) Pressures & Temperatures are based on ASTM A53 Grade A Welded Schedule 40 Carbon Steel Pipe. (b) Pressures & Temperatures are based on ASTM A 312 TP 316 Welded Schedule 40 Stainless Steel Pipe. For additional System Pressure (PSIG) vs Temperature (°F) see Mid-West Bulletin No. ASDE/Latest.				
Instrument Connections		1/4" FNPT (Standard), 1/2" (Optional for C.S. or S.S. only)				

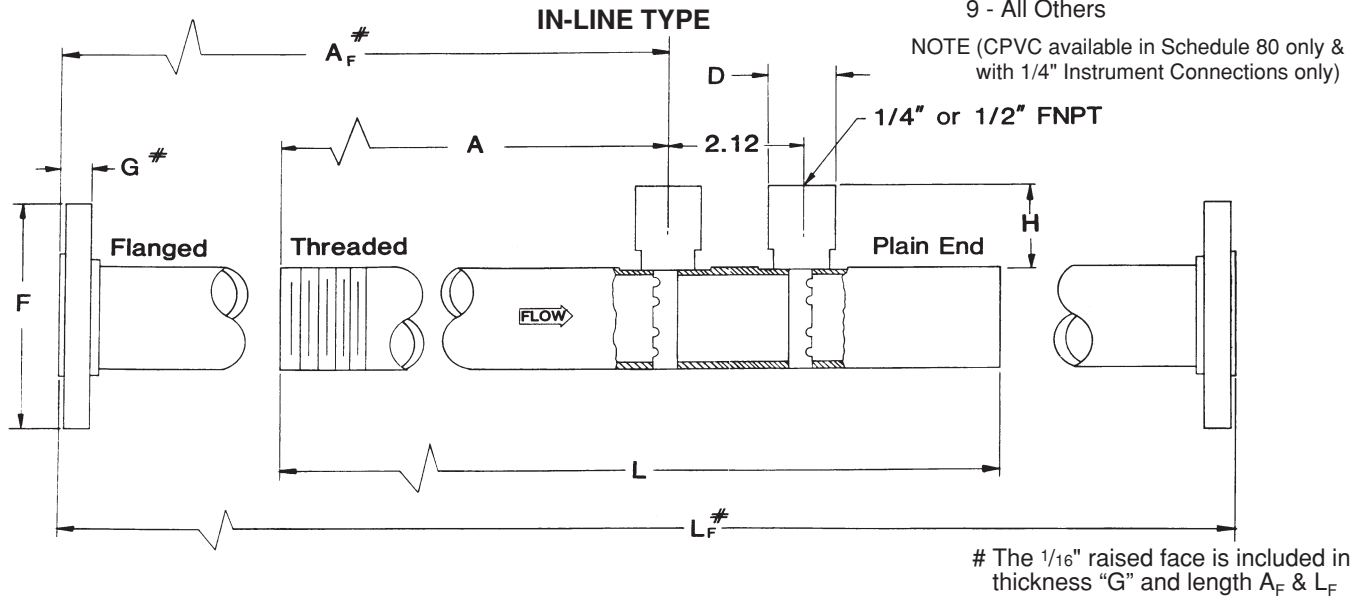
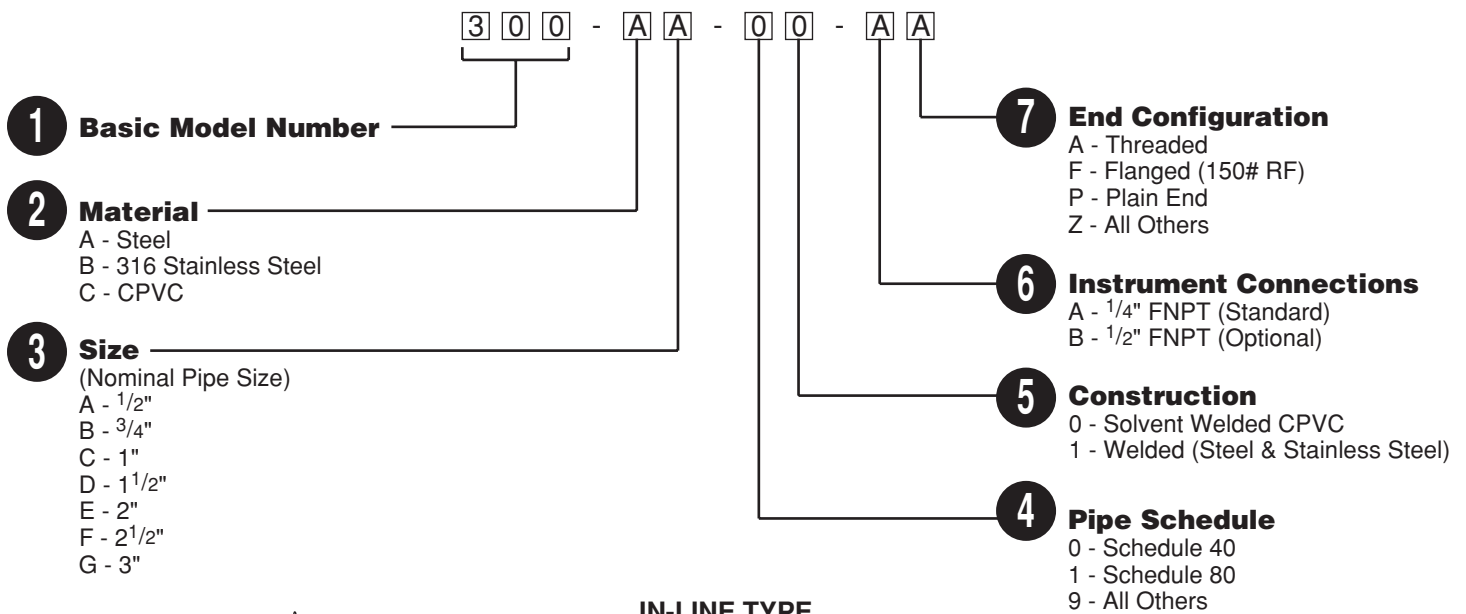
### Special Features:

Utilizes two averaging flow elements of equal area to sense stagnation (RAM) and static differential pressure providing minimum permanent pressure loss.

### Related Products Available:

Indicators & Switches	A broad selection of indicators, with or without switching, are available. For details, please refer to Mid-West Bulletins on Models 105 & 130.
Portable Indicators	A wide variety of portable indicators are also available. Please see Mid-West Bulletin 800/Latest.

# Part Numbering System



## Dimensional Data

Manufacturer reserves the right to change specifications without prior notice.

Pipe Size (Nominal)	L	A	$A_F$	H	D		F	G	$L_F$
				(Max.)	1/4" FNPT	1/2" FNPT		Flanged Only*	
1/2"	6"	23/16"	27/16"	1.38			3.5	.44	6.62
3/4"	6"	23/16"	23/8"	1.38			3.88	.50	6.53
1"	8"	311/16"	37/8"	1.38			4.25	.56	8.5
1 1/2"	8"	311/16"	315/16"	1.38	.75	1.12	5.0	.69	8.63
2"	10"	415/16"	51/4"	1.38			6.0	.75	10.75
2 1/2"	10"	415/16"	55/16"	1.38			7.0	.88	10.87
3"	12"	515/16"	65/16"	1.38			7.5	.94	13.0

\* Dimensions are for socket weld flanges (150 lb.). For other flange ratings consult factory.

# Mid-West<sup>®</sup>

## Instrument

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