

## VARIABLE AREA FLOW METERS

FOR SIMPLE AND ACCURATE MEASUREMENT OF FLUIDS & GASES

### Pressure range

Nominal pressure 10 bar at 20 °C

### Materials

Tube: Polyamid, Polysulphone, PVDF and PVC-U transparent  
 Float: PVDF, PTFE  
 End stops: PVDF  
 Screw connection: PVC-U (PP, PVDF, ABS)  
 O-ring: EPDM (FPM)  
 Guiding rod: Peek

### Calibrated scales

The standard version comes with a printed on double scale: a percentage scale and a scale giving flow rate (H2O l/h).

The special scales come as a sticker and need to be fitted to a blank taper tube. The scales are adhesive bonded to the tube and are printed with a special hard wearing paint.

### Standard scale:

l/h

### Special scales:

m<sup>3</sup>/h, GPM

### Scales for other liquids:

HCl 30-33%, NaOH 30%, Na-OH 50% and air



### Related Documents

Variable Area Flow Meter Technical & Installation Guide

CHEMICAL RESISTANCE LIST								
	Chemical			PVC-U	Trogamid	PSU	PVDF	Peek
<b>Acid</b>	phosphoric acid	H3PO4	75%	X	O	X	X	X
	sulfuric acid	H2SO4	<90%	X	-	-	X	-
	nitric acid	HNO3	<55%	X	-	-	X	-
	nitric acid	HNO3	67%	-	-	-	X	-
	hydrofluoric acid	HF	<70%	X	-	-	X	-
	hydrochloric acid	HCl	36%	X	O	X	X	O
<b>Base</b>	ammtonia	NH4OH	25%	X	X	X	-	X
	caustic potash	KOH	>50%	X	O	X	-	X
	caustic soda	NaOH	<50%	X	O	X	-	X
<b>Anorganica</b>	ferric chloride	FeCl3	X	X	X	X	X	
	sodium hydrochloride	NaOCl	15%	X	X	X	-	X
	sodium bisulfite	NaHSO3	<40%	X	X	X	X	X
	hydrogen peroxide	H2O2	35%	X	-	X	O	X
	aqueaous inorganic sline solutions (not oxidizing)	til saturation		X	X	X	X	X
<b>Organica</b>	formic acid	HCOOH	85%	O	-	O	O	O
	acetic acid	CH3COOH	85%	O	-	O	O	O
	formaldehyde	H2CO	<40%	X	-	X	O	X
	glycol		<50%	O	-	X	X	X
	acetone	undiluted		-	O	-	O	X
	ethanol, methanol	undiluted		O	-	X	X	X
	aliphatic hydrocarbons	undiluted		O	X	X	X	X

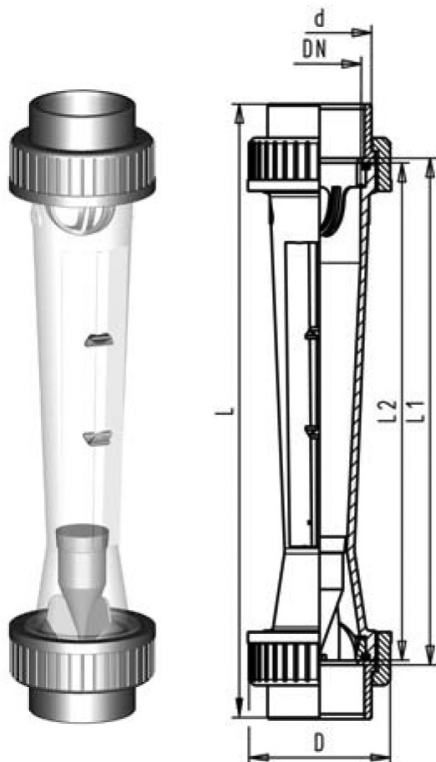
Valid for 40°C and 2bar X: recommended O: with limitations -: not recommended  
 For higher or lower concentrations than mentioned in the list or entry "O", please contact our sales team

# VARIABLE AREA FLOW METERS

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## 335 SERIES VARIABLE AREA FLOW METERS

	Code	Range (Ltr / hr)	Size (NB)		Code	Range (Ltr / hr)	Size (NB)
<b>Type 335, PVC Without Magnet</b>	VGF335000	50-500	25	<b>Type 335, PSU Without Magnet</b>	VGFPSU335040	50-500	25
	VGF335001	100-1000	25		VGFPSU335041	100-1000	25
	VGF335002	150-1500	32		VGFPSU335042	150-1500	32
	VGF335003	250-2500	32		VGFPSU335043	250-2500	32
	VGF335004	200-2000	40		VGFPSU335044	200-2000	40
	VGF335005	300-3000	40		VGFPSU335045	300-3000	40
	VGF335006	600-6000	40		VGFPSU335046	600-6000	40
	VGF335007	600-6000	50		VGFPSU335047	600-6000	50
	VGF335008	1000-10000	50		VGFPSU335048	1000-10000	50
	VGF335009	1500-15000	50		VGFPSU335049	1500-15000	50
	VGF335010	2000-20000	65		VGFPSU335050	2000-20000	65
	VGF335011	3000-30000	65		VGFPSU335051	3000-30000	65
	VGF335012	8000-60000	65		VGFPSU335052	8000-60000	65
<b>Type 335, PVC With Magnet</b>	VGF335100M	50-500	25	<b>Type 335, PSU With Magnet</b>	VGFPSU335140M	50-500	25
	VGF335101M	100-1000	25		VGFPSU335141M	100-1000	25
	VGF335102M	150-1500	32		VGFPSU335142M	150-1500	32
	VGF335103M	250-2500	32		VGFPSU335143M	250-2500	32
	VGF335104M	200-2000	40		VGFPSU335144M	200-2000	40
	VGF335105M	300-3000	40		VGFPSU335145M	300-3000	40
	VGF335106M	600-6000	40		VGFPSU335146M	600-6000	40
	VGF335107M	600-6000	50		VGFPSU335147M	600-6000	50
	VGF335108M	1000-10000	50		VGFPSU335148M	1000-10000	50
	VGF335109M	1500-15000	50		VGFPSU335149M	1500-15000	50
	VGF335110M	2000-20000	65		VGFPSU335150M	2000-20000	65
	VGF335111M	3000-30000	65		VGFPSU335151M	3000-30000	65
	VGF335112M	8000-60000	65		VGFPSU335152M	8000-60000	65



Range (Ltr / hr)	D (mm)	L (mm)	L1 (mm)	L2 (mm)	G (inch)
50-500	58	385	341	335	1½
100-1000	58	385	341	335	1½
150-1500	72	393	341	335	2
250-2500	72	393	341	335	2
200-2000	83	403	341	335	2¼
300-3000	83	403	341	335	2¼
600-6000	83	403	341	335	2¼
600-6000	101	417	341	335	2¼
1000-10000	101	417	341	335	2¼
1500-15000	101	417	341	335	2¼
2000-20000	135	429	341	335	3½
3000-30000	135	429	341	335	3½
8000-60000	135	429	341	335	3½

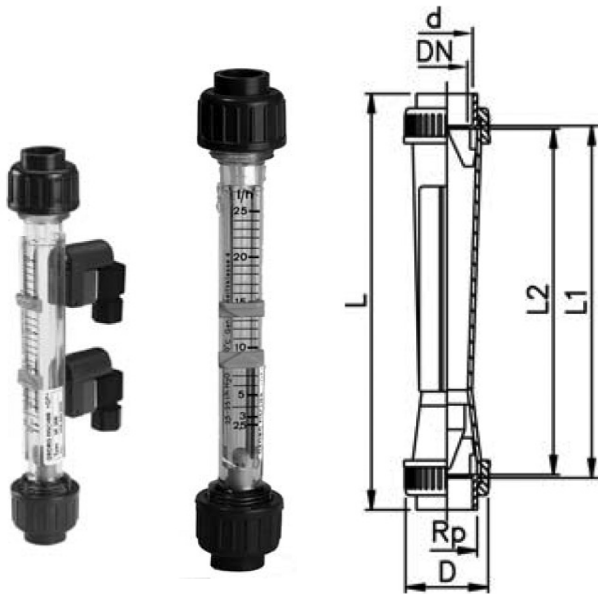
PVDF and Trogamid (Polyamid) Options available on request

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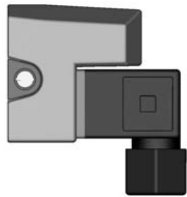
### SHORT VERSION VARIABLE AREA FLOW METERS

	Code	Range (Ltr / hr)	Size (NB)		Code	Range (Ltr / hr)	Size (NB)
<b>Short Version PVC Without Magnet</b>	SKPVC50/010	2.5-25	10	<b>Short Version PSU Without Magnet</b>	SKPSU50/010	2.5-25	10
	SKPVC51/010	5-50	10		SKPSU51/010	5-50	10
	SKPVC52/010	10-100	10		SKPSU52/010	10-100	10
	SKPVC60/015	8-80	15		SKPSU60/015	8-80	15
	SKPVC61/015	15-150	15		SKPSU61/015	15-150	15
	SKPVC62/015	20-200	15		SKPSU62/015	20-200	15
	SKPVC70/025	15-150	25		SKPSU70/025	15-150	25
	SKPVC71/025	30-300	25		SKPSU71/025	30-300	25
<b>Short Version PVC With Magnet</b>	SKPVC72/025	50-500	25	SKPSU72/025	50-500	25	
	SKPVC73/025	100-1000	25	SKPSU73/025	100-1000	25	
	SKPVC500/010	2.5-25	10	<b>Short Version PSU With Magnet</b>	SKPSU500/010	2.5-25	10
	SKPVC510/010	5-50	10		SKPSU510/010	5-50	10
	SKPVC520/010	10-100	10		SKPSU520/010	10-100	10
	SKPVC600/015	8-80	15		SKPSU600/015	8-80	15
	SKPVC610/015	15-150	15		SKPSU610/015	15-150	15
	SKPVC620/015	20-200	15		SKPSU620/015	20-200	15
SKPVC700/025	15-150	25	SKPSU700/025		15-150	25	
SKPVC710/025	30-300	25	SKPSU710/025		30-300	25	
SKPVC720/025	50-500	25	SKPSU720/025	50-500	25		
SKPVC730/025	100-1000	25	SKPSU730/025	100-1000	25		



Range (Ltr / hr)	D (mm)	L (mm)	L1 (mm)	L2 (mm)	Rp (inch)
2.5-25	35	199	171	165	3/8
5-50	35	199	171	165	3/8
10-100	35	199	171	165	3/8
8-80	43	223	191	185	1/2
15-150	43	223	191	185	1/2
20-200	43	223	191	185	1/2
15-150	60	250	206	200	1
30-300	60	250	206	200	1
50-500	60	250	206	200	1
100-1000	60	250	206	200	1

### LIMIT SWITCHES FOR TYPE 335, 350 AND SHORT VERSION

	Code	Type		Code	Type
<b>Limit Contact Minimum</b>	VAGK10	min		<b>Limit Contact Maximum</b>	max
				VAGK11	max

Please refer to our Installation Guide