

GLASS TUBE ROTAMETER CMGA24 SERIES



CMGA24 series is equipped with explosion-proof glass shield which is designed for special working environment, especially for chemical industries. Conveniently replace cone and float without dismounting from pipe. Standard type and non-corrosive type for option. Multi mounting methods for choice includes flange mounting.

MAIN PARAMETER

Measuring Range	Water: 20℃, 4~36000L/h
	Air: 1.013×10 ⁵ Pa, 20℃, 0.12~1000m ³ /h
Rangeability	10:1
Accuracy Grade	class 1.0, class 1.6
Cone	Length: 300mm
	scale: DN(15~50)NG60: millimeter scale & flow scale FG60: percentile scale & flow scale
Type of Float	NG60: AIII / FG60: CIII, DIII, CIIIL, DIIIL, ZIII
Liquid	Max. Pressure: DN15: 1.0Mpa / DN25: 0.9Mpa / DN50: 0.7Mpa / DN80: 0.5Mpa
	Media Temp.: -5~+120℃
	Environment Temp.: -20~+100℃ / -20~+65℃

MODELS for OPTION

1. Cone: NG60 / Float: AIII

Nominal Diameter (mm)	Model	Measuring Range		Pressure Loss (Pa)
		Water (20℃, L/h)	Air (1.013×10 ⁵ Pa, 20℃, m ³ /h)	
15	CMGA24-15	4~40	0.12~1.2	1000
		6.3~63	0.2~2	1100
		10~100	0.3~3	1200
	CMGA24-15F	16~160	0.5~5	1700
		25~250	0.8~8	2000
		40~400	1.2~12	2500
25	CMGA24-25	63~630	2~20	2800
		100~1000	3~30	4000
	CMGA24-25F	160~1600	5~50	5000
		250~2500	6~60	6000
40	CMGA24-40	160~1600	5~50	3400
		250~2500	8~80	4000



Xi'an CAMON Automatic Instruments Co.,Ltd

	CMGA24-40F	400~4000	12~120	5000
50	CMGA24-50	400~4000	12~120	4800
	CMGA24-50F	630~6300 1000~10000	20~200 30~300	6500 8500
80	CMGA24-80	1600~16000	40~400	8000
	CMGA24-80F	2500~25000 3600~36000	60~600 100~1000	9000 9600

2. Cone: FG60 / Float:CIII,DIII,CIIIL,DIIL,ZIII

ND (mm)	Model	Measuring Range						
		Water (20°C,L/h)					Air (1.013×10 ⁵ Pa, 20°C,m ³ /h)	
		Float					Float	
		CIII	DIII	CIIIL	DIIL	ZIII	DIII	DIIL
15	CMGA24-15	16~160	20~200	10~100	12~120	19~190	0.6~6	0.4~4
	CMGA24-15 F	25~250	30~300	16~160	19~190	36~360	0.9~9	0.6~6
		40~400	46~460	25~250	30~300	65~650	1.3~13	0.9~9
25	CMGA24-25	63~630	80~800	40~400	50~500	100~1000	2.2~22	1.6~16
	CMGA24-25 F	100~1000	120~1200	63~630	80~800	170~1700	3.8~38	2.5~25
		160~1600	200~2000	100~1000	120~1200	300~3000	6~60	4~40
40	CMGA24-40	250~2500	300~3000	160~1600	200~2000	500~5000	9~90	6~60
	CMGA24-40 F							
50	CMGA24-50	400~4000	500~5000	250~2500	300~3000	800~8000	15~150	10~100
	CMGA24-50 F	630~6300	800~8000	400~4000	500~5000	1500~15000	22~220	6~160

CONFIGURATION DRAWINGS

ND (mm)	Size a×b (mm)	L(mm)	C (mm)	d(mm)	e(mm)	Weight (kg)
15	37×302	500	Φ 65	Φ 95	4× φ 14	6
25	52×294		Φ 85	Φ 115		10
40	64×278		Φ 110	Φ 145		13
50	94×266		Φ 125	Φ 160	4× φ 18	18
80	132×266		Φ 150	Φ 185		32

