

design and construction:	according to the Pressure Equipment Directive (P.E.D.) & EN 12480		
<i>strength calculation</i> -	according to ASME-VIII		
<i>ratings & flange connection</i> -	ANSI 125/150 or PN10/16 ♦ flat-face		
meterbody:	<i>material</i> -	Cast Aluminium	
	<i>surface treatment</i> -	Hard anodized	
	<i>installation length (L)</i> -	See table below	
	<i>design temperature range</i> -	-25° / +55°C ♦ -13° / 131°F (T2 Class)	
	<i>maximum operating pressure</i> -	16 bar / 232 psi	
		(20 bar / 290 psi on request)	
	<i>operating temperature range</i> -	-25° / +5°C ♦ -13° / 131°F	
	<i>mounting</i> -	threaded holes (see table below)	
feature:	<i>medium</i> -	natural gas (dry, clean and non corrosive)	
	<i>flow direction</i> -	left to right and top to bottom, others on request	
	<i>pressure point</i> -	¼ NPT plugged	
	<i>temperature measuring point</i> -	¼ NPT plugged	
index:		Standard Index	
	<i>reading</i> -	Metric (imperial on request)	
	<i>low frequency sensors</i> -	2x Reed switch RI27A NO	1x (Anti Fraud) Reed switch RI90 NC
features:		standard or special (on request)	
	<i>high frequency sensors</i> -	Optional	
options:		See option list	
calibration:	<i>authority</i> -	GFO QA factory calibration; Nmi; PTB	
	<i>rangability</i> -	Determined by approval & technical Qmin. see table below	
	<i>accuracy</i> -	Qmin ≤ Q < Qt ±2% & Qt ≤ Q ≤ Qmax ±1% (Qt according to EN12480)	
	<i>repeatability</i> -	0.1% or better	
approvals:		See appendix	
documents:		Declaration of conformity, GFO QA calibrations certificate	
		Manual, installation instructions (English)	



features														
Rating		Size		Volume	Qmax		Qmin **)		LF pulses		Length	Mounting		Weight
G-Rating	Imperial	Metric	Imperial	dm ³	m ³ /h	cuft	m ³ /h	cuft/h	/m ³	/cuft	mm	Metric	Imperial	kg
G10		40	1½"	0.26	16	560	0.30	11	10	0.1	171	4*M16	4*½UNC	4
G16		40	1½"	0.26	25	880	0.30	11	10	0.1	171	4*M16	4*½UNC	4
G25		40	1½"	0.26	40	1000	0.30	11	10	0.1	171	4*M16	4*½UNC	4
G16		40/50	1½" - 2"	0.69	25	880	0.65	23	10	0.1	171	4*M16	4*½UNC ¹⁾	10
G25		40/50	1½" - 2"	0.69	40	1500	0.65	23	10	0.1	171	4*M16	4*½UNC ¹⁾	10
G40		40/50	1½" - 2"	0.69	65	2000	0.65	23	10	0.1	171	4*M16	4*½UNC ¹⁾	10
G65		50	2"	0.69	100	3000	0.65	23	10	0.1	171	4*M16	4*⅝UNC	10
G100		80	3"	1.11	160	5000	1.00	35	1	0.1	171	8*M16	4*⅝UNC	12
G100		100	4"	2.98	160	5000	2.50	88	1	0.1	241	8*M16	8*⅝UNC	27.5
G160		80	3"	2.31	250	7000	1.60	56	1	0.1	241	8*M16	4*⅝UNC	18
G160		100	4"	2.98	250	7000	2.50	88	1	0.1	241	8*M16	8*⅝UNC	27.5
G250		100	4"	2.98	400	11000	2.50	88	1	0.1	241	8*M16	8*⅝UNC	27.5
G250-S		100	4"	3.88	400	16000	4.00	141	1	0.01	241	8*M16	8*⅝UNC	45
G400-S		100	4"	3.88	650	23000	4.00	141	1	0.01	241	8*M16	8*⅝UNC	45
G400-S		150	6"	5.97	650	23000	6.00	211	1	0.01	241	8*M20	8*¾UNC	53
G650-S		150	6"	5.97	1000	35000	6.00	211	1	0.01	241	8*M20	8*¾UNC	53

Note: - *) without flanges (for high frequency sensor consult factory)
-**) Lowest possible Q min

- Gxxx-S => Sync set of rotors
- (1 Size 2" - 4*⅝UNC

