

Actaris DELTA MP 2000 Series Rotary Meters

General: Delta Rotary meters are positive displacement type meters that use the classic “roots” lobed impeller principle of measurement. They are suitable for Custody Transfer/Fiscal Measurement. Two counter-rotating impellers spin inside the pressurized precision machined measuring chamber. The rotation is transmitted via a magnetic couple to the mechanical index. An odometer style index totalizes the raw “uncorrected” volume. The uncorrected volume can be transmitted via an integrated LF or HF Pulser to a remote mounted PTZ corrector such as the Galvanic Gas Micro – which compensates for fluctuations in pressure, temperature and super-compressibility. The Gas Micro has built in logging capability which can be accessed with a laptop computer or via modem. Pulse output from the Gas Micro will also permit the Corrected Volume data to be re-transmitted to a remote mounted counter or Energy Management System



Characteristics & Performance Data:

Flanges Available: ISO PN 10-16, ISO PN20 or ANSI 150
 Pressure Rating: up to 17.2 Bar (250 PSIG)
 Rangeability: 20 – 200 depending on model

Size (Metric)	Size (Imperial)	Type	Material	DN (mm)	Inlet	Start Flow (dm ³ /hr)	Max Flow (m ³ /hr)	Max Flow (ft ³ /hr)
G16 – G65	8C – 3M	2050/B	GGG 40.3 DI	50	2"	50	25 -100	800 - 3500
G100 – G160	5M – 9M	2080/B	GGG 40.3 DI	80	3"	70	160 -250	5000 - 9000
G250	16M	2100/B	GGG 40.3 DI	100	4"	200	400	16000

Dimensions:

Metric (mm)	A	B	C	D	E	F	Weight (Kg)
G16 - G65	187	120	307	174	87	171	19
G100	225	150	375	194	96	240	27
G160	228	181	409	235	121	241	41
G250	331	284	615	235	121	241	56

Imperial (in)	A	B	C	D	E	F	Weight (lbs)
8C – 3M	7.4	4.7	12.1	6.9	3.4	6.7	42
5M	8.9	5.9	14.8	7.6	3.8	9.4	60
9M	9.0	7.1	16.1	9.3	4.8	9.5	90
16M	13.0	11.2	24.2	9.3	4.8	9.5	123

2050/B G16-G25-G40-G65-G100;
 2080/B G100-G160; 2100/B G250
 Material: cast iron GGG40.3

