

Actaris DELTA HP 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, 20, 25, 40, 50, 100 or ANSI 150, 300, 600
 Pressure Rating: up to 94 Bar (1440 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/C	Steel	50	2"	50	25 -100	800 - 3500
G100 – G160	5M – 9M	2080/C	Steel	80	3"	150	160 -250	5000 - 9000
G250	16M	2100/C	Steel	100	4"	200	400	16000

Dimensions:

Metric (mm)	A	B	C	D	E	F	Weight (Kg)
G16 - G65	186	118	304	175	120	300	53
G100-G160	228	185	413	275	138	320	84
G250	332	288	620	275	138	440	119

Imperial (in)	A	B	C	D	E	F	Weight (lbs)
8C - 3M	7.3	4.6	12.0	6.9	4.7	11.8	117
5M - 9M	9.0	7.3	16.3	10.8	5.4	12.6	185
16M	13.1	11.3	24.4	10.8	5.4	17.3	262

2050/C G16-G25-G40-G65;
 2080/C G100-G160; 2100/C G250
 Material: Steel

