

# Dresser 23M232 Meter



## Series B3 Four Inch

The Dresser Natural Gas Solutions (NGS) 23M232 meter includes four inch flanged connections and a 232 PSIG (16 bar) maximum working pressure. This design complements our standard six inch 23M175. With a maximum capacity of 385 MSCFH (10,895 Nm<sup>3</sup> per hour) the Dresser 23M meter is an ideal measurement solution for a wide array of applications.

The Dresser 23M232 meter includes low inertia impellers for much greater rangeability. With its 4" flanged connections and the same flange-to-flange dimension as the 16M175, this lightweight meter allows for a compact installation, dramatically decreasing handling and installation costs.

## Compact Installations

The Dresser 23M232 enables users to drastically reduce meter set installation costs. The Dresser four inch 23M meter does not require flow conditioning devices, or straight pipe requirements upstream or downstream of the meter.

## Oil Free Series 3 Accessory Unit

The Dresser 23M232 meter is available with Series 3 Counter (CTR), Counter Pulser (CPWX), and Counter with Instrument Drive (CD) accessory units. Our permanently lubricated gear reduction unit offers reduced installation and maintenance costs throughout the life of the meter. Our unique magnetically coupled gear unit design offers flexibility for adding future accessories developed for the Series B body meter.

## Performance Enhancements

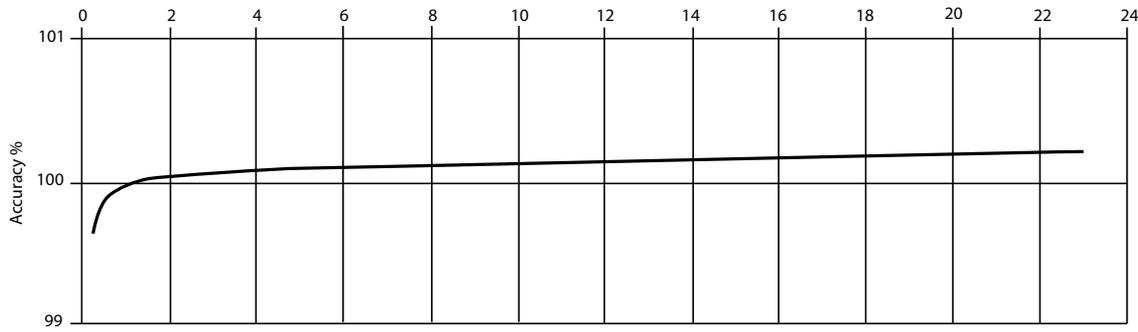
- Dramatically improved rangeability 169:1
- Improved start rate 10.33 cfh
- Improved stop rate 5.75 cfh
- High MAOP 232 psig

## Physical Improvements

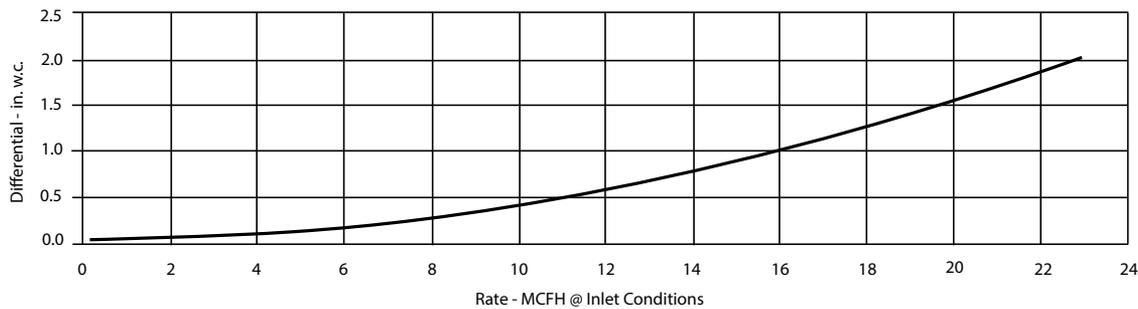
- Light weight – 103 lbs
- Same flange connection as 11M & 16M – 4 inches
- Same flange to flange dimension as 16M – 9-1/2 inches



## Accuracy Curve



## Differential Curve



Specifications	Imperial	Metric
Base Rating (Q Max)	23,000 acfh	650 m <sup>3</sup> /h
Max. Operating Pressure	232 psig	16 bar
Differential 100% Flow	2.08 in w.c.	5,18 mbar
Drive Rate CD	100 cf/rev	1,0 m <sup>3</sup> /rev
Min Odometer Reading	2 cf	0,02 m <sup>3</sup>
Nominal Pipe Size	4 in	100 mm

Specifications	Imperial	Metric
Flange-to-Flange Dimension	9-1/2 in	241 mm
Bolts per Flange-Quantity	8	8
Oil Capacity - Side Inlet	3.4 oz	100,5 ml
Oil Capacity - Top Inlet	21.8 oz	644,7 ml
CTR Version Weight	100 lbs	45,4 kg
CD Versions Weight	103 lbs	46,8 kg

23M232 Series B3 Version	Overall Length		Overall Height		Width (Flange/Flange)		Centerline to Accessory End		Request Detailed Drawing Number
	in	mm	in	mm	in	mm	in	mm	
CTR	29	737	9-1/2	241	9-1/2	241	16-7/8	429	D057050-000
CD	32-13/16	833	9-1/2	241	9-1/2	241	20-11/16	525	D057051-000

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