

Dresser 8C175 Meter

The 8C175 Meter is the smallest, lightest and most versatile rotary gas meter we produce. Permanent accuracy, rugged construction, wide rangeability and simple field testing add up to the best investment in gas measurement equipment your company can make.



Features

- Lightweight aluminum construction
- Rugged hard coated cylinder, headplates and impellers
- Compact size
- Multi-position mounting
- 175 PSIG (1200kPa) working pressure
- Low maintenance
- Long service-life
- Simple installation: 1-1/2" NPT male connections
- Available in imperial and metric measures

Testing

All units are subjected to rigorous hydrostatic, leak, starting and running differential tests. Accuracy and differential data are furnished for 100% and 10% of rated capacity from positive displacement bell provers.

Capacities

Imperial - Atmospheric = 14.4 psia, Base = 14.73 psia, Base Temperature = 60°F

Pressure (psig)	0	1	5	10	15	20	50	75	100	150	175
Capacity (SCFH)	800	840	1050	1600	2140	3500	4860	6210	7570	8930	10300

Metric - Atmospheric = 101.325kPa Base = 101.325 kPa, Base Temperature = 15°C

Pressure (psig)	0	15	50	100	200	400	500	700	860	1000	1200
Capacity (SCFH)	22.6	26	34	45	67	112	134	179	215	245	290

Specifications

	Imperial	Metric
Maximum Working Pressure	175 psig	1200 kPa
Connection Size	1-1/2" MPT, Male Thread	1-1/2" MPT, Male Thread
Weight	6 lbs	2.72 kg
Temperature Range	-40°F to +140°F	-40°C to +60°C
Oil Level Gauge	Bulls-Eye on End Covers	Bulls-Eye on End Covers
Oil Capacity (Top Inlet)	.95 oz	28 ml
Oil Type	Dresser Meter Oil	Dresser Meter Oil
Differential Taps	1/4" NPT	1/4" NPT
Mounting	Top, Side or Bottom Inlet	Top, Side or Bottom Inlet
Impeller Type	Figure "8" Lobed	Figure "8" Lobed

Physical Dimensions

Length	8-9/16"	21.7 cm
Width	3-5/16"	8.4 cm
Height	9-11/16" (approx.)	24.6 cm
Construction	Hard Coat Anodized Aluminum Impellers, Headplates and Cylinder	Hard Coat Anodized Aluminum Impellers, Headplates and Cylinder
Counter	5 Digit with Reading x 100 = ACF 1 ACF Test Increment	7 Digit with Reading x 1 = m ³ 0.02 m ³ Test Increment

Dresser Measurement

16240 Port Northwest Drive
Houston, TX 77041
T: 1-800-521-1114
F: 1-800-335-5224

The Dresser Logo and all Trademarks containing the term "Dresser" are the property of Dresser, LLC, a subsidiary of Baker Hughes.



Dresser 8C175 Meter Fact Sheet NGS.MI.0025a

11.21