



DM
SERIES



BM
SERIES

AH Avery-Hardoll®

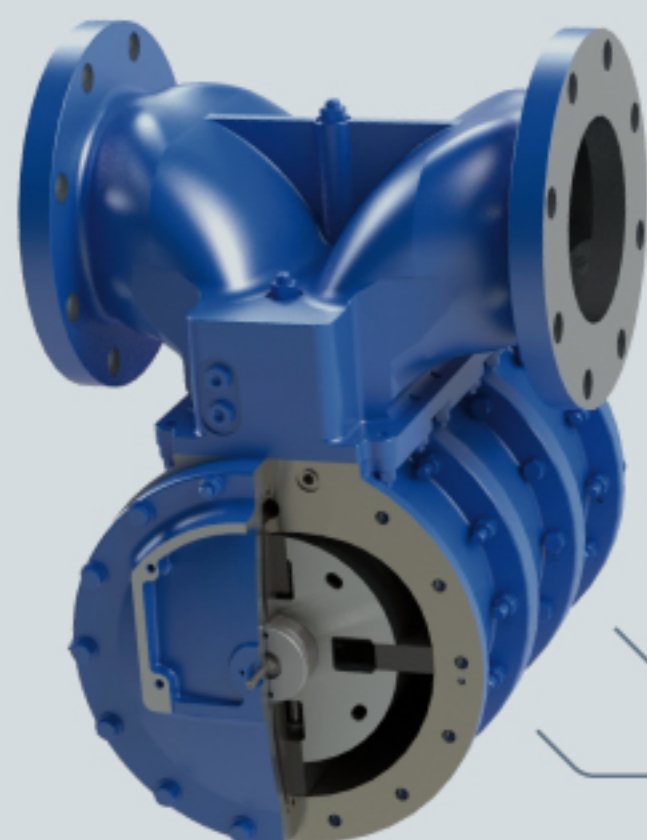
THE LEADER IN ACCURATE, LONG-LIFE, FUEL METERING | 115 TO 4250 LPM (30 TO 1123 USGPM) FLOW RATES

BM SERIES

Avery-Hardoll BM Series flowmeters are precision made, positive displacement, liquid measuring instruments that maintain the highest level of accuracy over a lifetime of operation. Simplicity of design and accuracy has resulted in the **Avery Hardoll BM Series** meters to being the most preferred meters by aviation fueling operators and airlines in international markets.

The **BM Series** bulkmeters consist of three main assemblies: the manifold, body assembly and rotor assembly.

The higher rating of the larger meters is achieved by bolting two or three body capsules together and fitting double or triple rotor assemblies with a larger manifold to suit.



- 1** FABRICATED STEEL, CAST IRON OR CAST ALUMINUM MANIFOLDS
- 2** MACHINED ALUMINUM FRONT AND REAR COVERS
- 3** PRECISION MACHINED HOUSING FOR PERFECT SEAL AND MAXIMUM MEASUREMENT ACCURACY
- 4** WORKING PRESSURE: 10 BAR - HYDROSTATIC TEST PRESSURE: 15 BAR
- 5** STAINLESS STEEL BEARINGS FOR MAXIMUM OPERATIONAL LIFE
- 6** PRECISION CARBON VANES FOR MAXIMUM MEASUREMENT ACCURACY
- 7** INSTRUMENT GRADE MACHINED ROTOR FOR PERFECT BALANCE

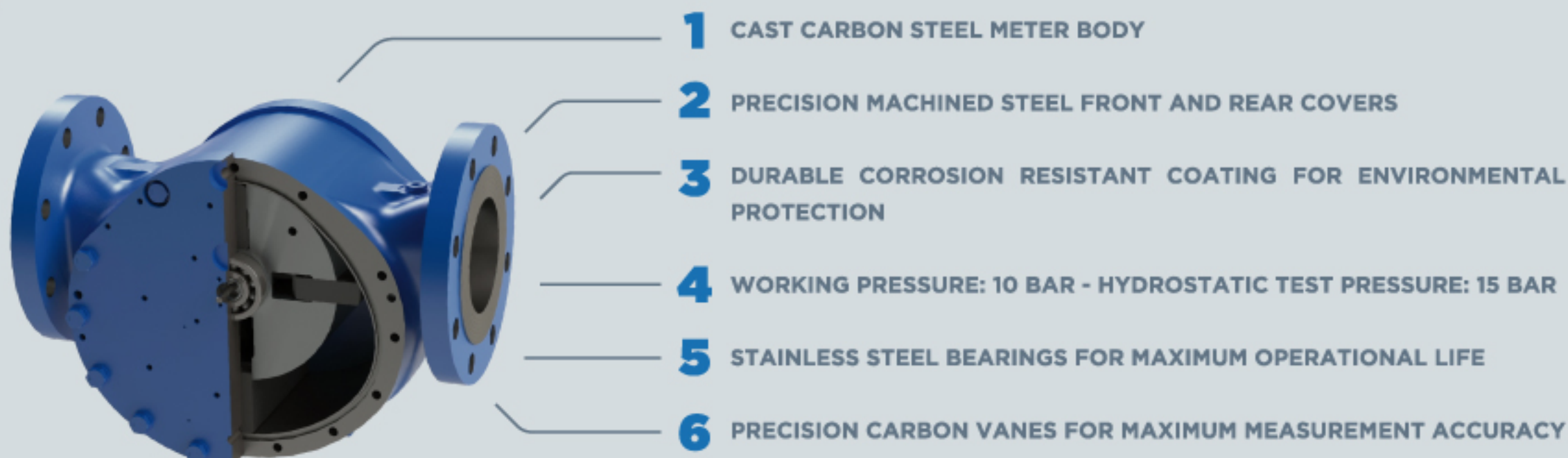
DM SERIES

The Avery-Hardoll DM Steel Flowmeter is specifically designed to meet the rigorous demands of modern tank truck loading depots and fuel storage facilities. It provides the highest level of pre-calibration repeatability and accuracy and industry leading ease of service without the inconvenience and cost of double-casing.

DM Series flowmeters consist of three main components: The meter body, rotor and vane assembly and precision machined raised face flanges.

The product enters the meter and causes the rotor to revolve by pressure on the vanes. The proximity of the rotor to the body forms an efficient seal, while the profile of the body ensures that the vanes are guided through the measuring crescent, where the volume of product is accurately measured.

An extension shaft driving through a pressure tight gland in the meter front cover, transmits the rotor revolutions either directly to a pulse transmitter or by gearing to a step-less mechanical calibrator driving a mechanical register.



TYPES OF FLOWMETERS

Series Number	Manifold		Flow Rate		General Description
	Inches	Material	USGPM	Litres/Min	
BM250	2 1/2	Cast iron	30 - 301	115 - 1140	Single Capsule Meter
BM950	3	Cast iron	30 - 396	115 - 1500	
BM450	3	Cast iron	53 - 541	200 - 2050	Double Capsule Meter
BM350	4	Cast iron	33 - 739	125 - 2800	
BM650	4	Aluminium	79 - 792	300 - 3000	Triple Capsule Meter
BM850	6	Aluminium	53 - 1123	200 - 4250	
DM Series	4	Carbon steel	53 - 660 (792 Intermittent)	200 - 2500 (3000 Intermittent)	All Steel Meter, single body

COMPONENTS



Electronic Register
TEX™ or MASTERLOADx.iQ™



Mechanical Register
VEEDER-ROOT™



Pulser
Liquid Control or Sampi POD



Avery Hardoll rate of flow
for mechanical application

Avery-Hardoll is a Silea brand

Since 1968, **Silea** is specialized in liquid transfer for Oil & Gas, chemical and food sector.

In 2021 Silea Liquid Transfer acquired the historic Avery-Hardoll brand, an industry benchmark.

Every year we are committed to improving our products, implementing more effective production processes and increasing our production capacity, to respond adequately to the needs of a constantly evolving market.

We also own many certifications to ensure an excellent product quality

EAC Certificate: Customs declaration of certification for countries Russia, Kazakhstan, Belarus

Directive Certificate 2014/68/UE (PED) mod.D1

Certificate UNI EN ISO 9001:2015

TDT Certificate: Recognition certification for marketing in Poland

Directive 2014/32/UE (MID) Module B + D

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