

Add:Bali Village Qiaoxia Town, Yongjia County, Wenzhou City, Zhejiang Province, China.

## FMC Series High-Precision Rotary Vane Positive Displacement Flow Meter for Liquid Fuel Applications

FMC series meter is positive displacement meter for liquids. They are designed for liquid metering both in transfer and process control applications. Thanks to their design they are easy to keep and can suit a wide range of applications, The meter consists of a housing where two bladed displacement rotors and a central single blocking rotor turn in synchronized relationship within three cylindrical bores with no metal-to-metal contact within the meter element. Each rotor is supported on either end by a bearing plate through which the rotor shafts protrude. The bladed displacement rotors, alternately move through the two half-cylinder bores of the meter element, while the single blocking rotor rotates within its bore in such a way as to produce a continuous capillary seal between the un-metered upstream product and the metered,downstream product.At one end of each rotor shaft is a timing gear, The blocking rotor gear, having twice the number of teeth of each of the displacement rotor gears, rotates at half the RPM of the displacement rotors.



FMC-50



FMC-100



FMC-50-NX-1



2 inch Air Eliminator and Strainer



4 inch Air Eliminator and Strainer



2 inch preset valve

### Technical Specification:

Model	FMC-50	FMC-80	FMC-100
Size	50mm / 2 "	80mm / 3 "	100mm / 4 "
Flow Rate Range(L/min)	38-380	75-750	150-1500
Max. Working Pressure	10 Bar / 150PSI		
Accuracy	±0.2%		
Repeatability	0.07%		
Dimension	59x34x57 cm	70x40x58 cm	86x46x65 cm
Net Weight	42 Kg	56 Kg	80 Kg
Gross Weight	57 Kg	70 Kg	96 Kg
Package	1 Piece Per Composite Wooden Case		

### Advantage:

FMC series PD rotary vane meters are single case, angle-type, rotary vane, positive displacement meters. Superior accuracy and a wide range of products from gasoline to kerosene to fuel oils can be metered. Compact, versatile design can be readily fit into nearly all installations.

Low pressure drop meter results in low meter slippage and thus superior meter accuracy. Long service life, low friction ball bearings, fixed cam-type timing, and rugged construction give sustained accuracy and long time operation.

HAIBO Equipment shall be used in compliance with applicable country, province and local laws and regulations. Products selection shall be based on physical specifications and limitations and compatibility with the environment.