



NAGPD Serials Double-Rotator Flowmeter

General:

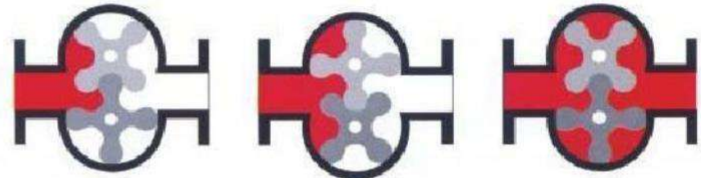


Picture 1

This Series flowmeter is a new kind positive displacement flowmeter developed specifically to serve as the heart in loading facilities at oil product depots. Contained in measuring chamber are a pair of rotators having special spiral gear teeth, the design of which is responsible for successfully eliminating pulsation in flow stream. The special sands proof and self-lubricant designing can measure sands content and high water contain oil. This type flowmeter has many advantages such as high accuract, high security, smooth running, low noise and long lifetime.

Feature:

- 1) Superior Accuracy to 0.1%
- 2) Uniform rotation means low pressure loss
- 3) Long service lifetime
- 4) Self-lubrication
- 5) Very low noise and vibration
- 6) Easy maintenance
- 7) Low Pressure Drop
- 8) Double Cases
- 9) Superior reliability
- 10) Multi-option counter



Flow In

Measuring

Flow Out

Picture 2



Main Technical Datum

Picture 3

Various type Double-Rotator Flowmeter

Table 1

Nominal Diameter (mm)	8~400		
Accuracy	0.1%	0.2%	0.5%
Repeatability	≤0.033%	≤0.067%	≤0.167%
Pressure Loss	0~1000mPa.s<80KPa, 1000~20000mPa.s<150KPa		
Nominal Pressure	1.6, 2.5, 4.0, 6.4MPa		
Medium Temperature	-20℃~+80℃, 0℃~+150℃, 0℃~+250℃		
Viscosity Range	0~20000mPa.s		
Ambient Temperature	-30℃~+70℃		
Connection Flange	GB9115.0719-2000 JB/TB2-94 or other customer named Standard		
Anti-Explosion Grade	Anti-Explosion Grade: Exd II CT6 Certification No.:GYB03478		
Electrical Counter	Anti-Explosion Grade: Exd II CT6 Certification No.:GYB03479		
Enclosure	IP65		