

Famochem rotary gear pumps designed for foam extinguishing system. They are SelfPriming and can pump Multiple Viscosities of Foam or Water. This versatile design is suitable for Electric, PTO, Diesel/ Gasoline Engine, Water Driven or Hydraulic drive motors.

**Design Features:**

- Timing Gears Synchronize the Two Pumping Rotors.
- Timing Gears Allow for DRY Running Without Damage.
- No Rotor Contact Allows for Pumping Foam or Water.
- Water Can Be Used for: Calibration, Testing and Training.

**Technical Data:**

Max Pressure: 2.0MPa | 20bar  
 Max Speed: 1800RPM  
 Viscosity : 9500cp max.[1]  
 Connection Diameter: DN80(88.9 O.D.)、 3”  
 Connection Type: Groove、 Thread、 Flange

[1] Brookfield viscometer, spindle #4, speed 30rpm.



**Materials :**

Pump body: Red Brass, ASTM B584 C83600  
 Rotor: Stainless Steel 17-4PH  
 Red Brass, ASTM B584 C83600  
 Liners: Red Brass, ASTM B584 C83600  
 Front Cover: Red Brass, ASTM B584 C83600  
 Back Cover: Red Brass ASTM B584 C83600  
 Timing Gear: Alloy Steel 20CrMnTi (ASTM A29M)  
 Lip Seal : FPM

**Performance -Water**

Foam Pump Pressure bar	1000rpm			1200rpm			1500rpm			1800rpm		
	Flow L/min	Power kw	Torque N.m	Flow L/min	Power kw	Torque N.m	Flow L/min	Power kw	Torque N.m	Flow L/min	Power kw	Torque N.m
5.0	412	7	70	539	9	73	723	13	80	883	17	89
6.9	382	9	88	508	12	92	694	15	98	862	20	107
10.3	339	13	120	463	16	125	651	20	130	825	26	139
13.8	309	16	153	430	20	158	617	26	163	792	32	172
17.2	289	20	187	408	24	191	594	31	197	761	39	205
20.0	282	22	214	398	27	217	581	35	224	740	44	232

**Dimensions**



