

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.

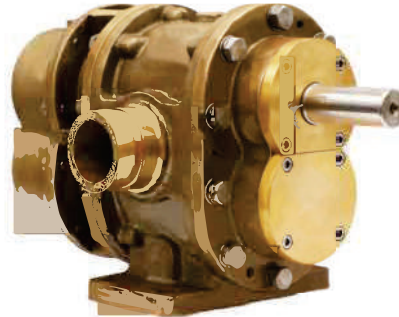
**Design Features:**

- 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: DN50(60.3 O.D.)、2"  
 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		1000rpm			1200rpm			1500rpm			1800rpm		
Pressure	Flow	Power	Torque	Flow	Power	Torque	Flow	Power	Torque	Flow	Power	Torque	
bar	L/min	kw	N.m	L/min	kw	N.m	L/min	kw	N.m	L/min	kw	N.m	
5.0	193	4	34	254	4	34	347	6	39	436	8	41	
6.9	178	5	44	239	5	44	331	7	48	421	9	50	
10.3	155	6	61	217	8	61	308	10	64	398	13	66	
13.8	138	8	77	201	10	78	291	13	80	381	16	83	
17.2	127	10	93	191	12	95	280	15	96	370	19	99	
20.0	122	11	105	186	14	108	275	17	110	365	21	111	

