

Famochem rotary gear pumps designed for foam extinguishing system.-They are Self Priming 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.

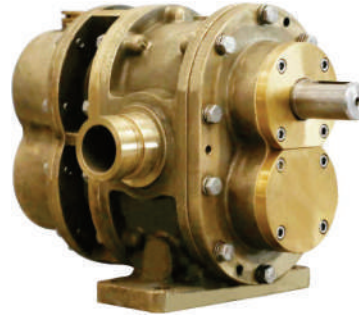
**Design Features:**

- 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: DN40(48.3 O.D.)、 1½”  
 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	106	2	19	136	3	21	184	4	23	233	5	25
6.9	97	3	25	128	3	25	176	4	29	224	5	35
10.3	84	4	33	115	4	32	163	6	36	211	7	43
13.8	74	4	41	105	6	40	153	7	44	200	8	50
17.2	66	5	48	96	7	49	144	8	52	192	10	57
20.0	61	6	58	91	8	60	138	10	61	186	11	60

