

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: 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		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	397	7	69	493	9	72	638	12	79	787	16	87	
6.9	379	9	84	475	11	86	625	15	94	769	19	101	
10.3	352	12	112	449	14	113	601	19	121	741	24	129	
13.8	331	15	140	429	18	140	580	23	149	719	30	157	
17.2	316	18	168	414	21	169	563	28	178	701	35	186	
20.0	307	20	190	405	24	192	553	32	203	691	39	209	



