

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

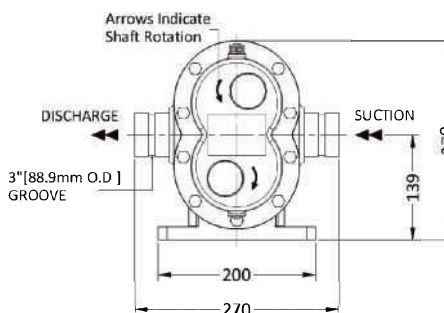
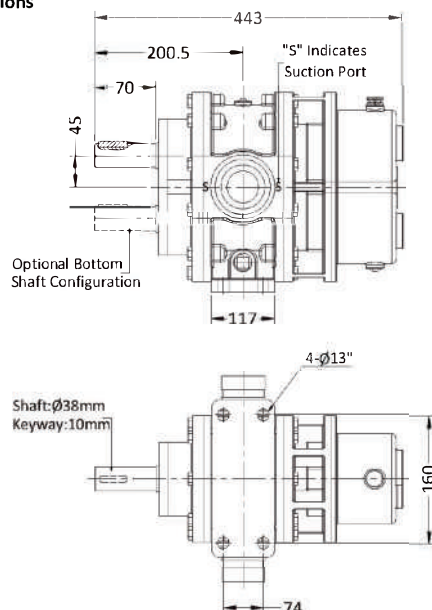
[1] Brookfield viscometer, spindle #4, speed 30rpm.


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	346	6	58	449	8	61	605	11	67	766	13	70
6.9	318	8	73	421	10	76	579	13	81	739	16	87
10.3	276	10	100	379	13	102	537	17	109	696	22	116
13.8	242	13	127	344	16	130	501	21	137	662	27	144
17.2	217	16	155	317	20	158	474	25	162	634	32	170
20.0	202	19	177	301	23	182	458	28	180	617	36	190

Dimensions


Suction & Discharge:
 a. 3" (88.9mm O.D) Groove (Standard)
 b. Thread G 3" Male (Option)
 c. Flange DIN2633 DN80 PN16 (Option)

OPTIONAL :


SPLINE SHAFT:
 SAE PD-S 1 1/2"
 DIN5482 40x2x18x7H
 GB/T1144 8x32x38x6
 JIS B1603 38x17x2

Assembly Weight: 73.6 Kg

