

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.

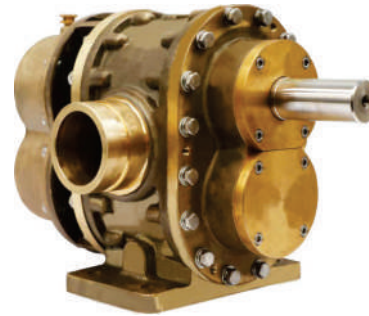
Design Features :

- 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: DN65(76.1 O.D.)、2½"
 Connection Type: Groove、Thread、Flange

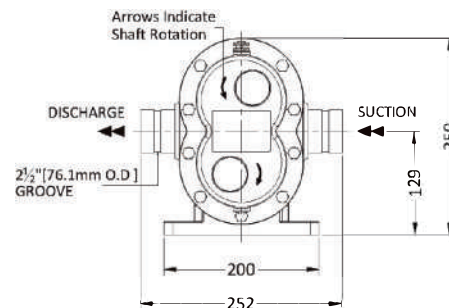
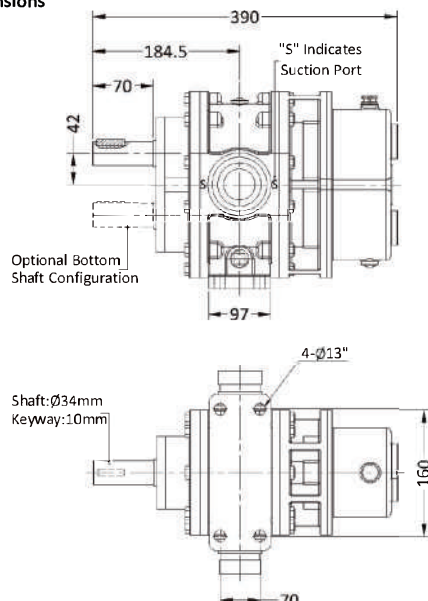
[1]Brookfield viscometer, spindle #4, speed 30rpm.


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	243	4	34	310	5	36	416	6	40	518	8	40
6.9	227	5	45	294	6	47	399	8	51	503	10	53
10.3	203	7	63	270	8	65	375	11	70	479	14	74
13.8	184	9	82	251	10	83	355	14	88	459	18	95
17.2	169	10	100	236	13	101	340	17	107	443	21	114
20.0	162	12	115	228	15	116	330	19	123	433	24	127

Dimensions


Suction & Discharge:
 a. 2½" (76.1mm O.D) Groove (Standard)
 b. Thred G 2½" Male (Option)
 c. Flange DIN2633 DN65 PN16 (Option)

Assembly Weight: 50.8 Kg

OPTIONAL :


SPLINE SHAFT:
 SAE PA-S 1½"
 DIN5482 35x2x16x7
 GB/T1144 6x28x34x7
 JIS B1603 32x14x2

