

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.

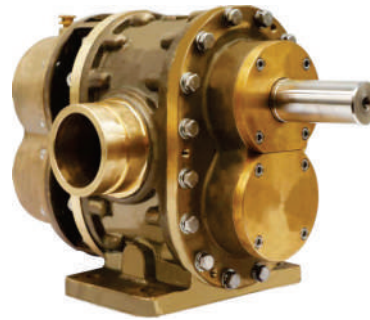
Design Features:

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

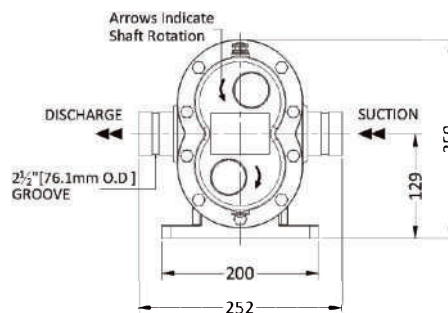
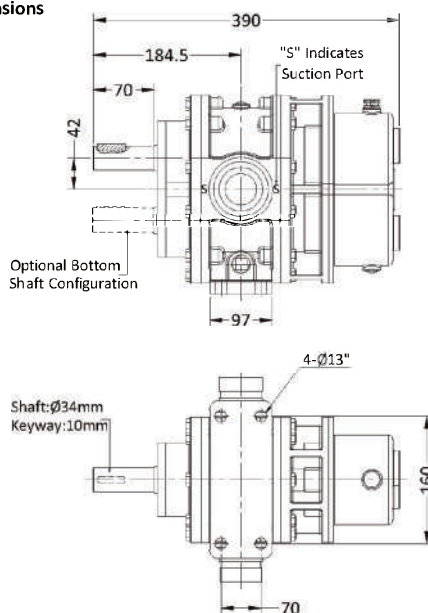
[1] Brookfield viscometer, spindle #4, speed 30rpm.


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	257	4	40	335	5	41	456	7	45	575	9	49
6.9	237	5	53	315	7	53	435	9	57	555	11	60
10.3	209	8	74	286	9	76	406	12	78	525	16	82
13.8	190	10	95	266	12	98	385	16	99	504	20	105
17.2	178	12	116	254	15	119	372	19	121	490	24	129
20.0	175	14	132	252	17	135	367	22	138	484	28	147

Dimensions


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

OPTIONAL :


SPLINE SHAFT:
 SAE PA-S 1⅜"
 DIN5482 35x2x16x7
 GB/T1144 6x28x34x7
 JIS B1603 32x14x2

Assembly Weight: 50.8 Kg

