

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: DN80(88.9 O.D.), 3"
 Connection Type: Groove, Thread, Flange

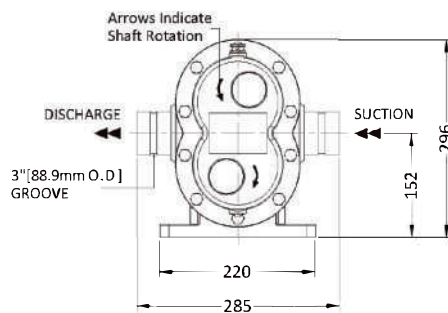
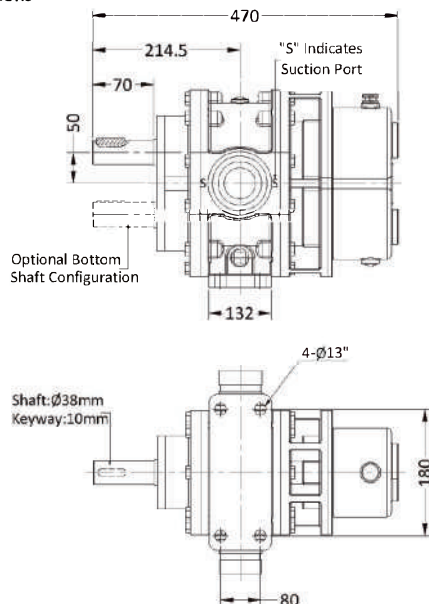
[1] Brookfield viscometer, spindle #4, speed 30rpm.


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	Flow	Power	Torque
bar	L/min	kw	N.m	L/min	kw	N.m	L/min	kw	N.m	L/min	kw	N.m	L/min	kw	N.m
5.0	474	8	72	589	10	76	753	13	82	930	17	90			
6.9	458	9	89	573	12	93	742	16	100	913	20	109			
10.3	436	13	120	551	16	125	725	21	133	889	27	141			
13.8	421	16	151	535	20	157	712	26	165	872	33	173			
17.2	415	19	184	528	24	190	703	31	198	862	39	205			
20.0	415	22	210	527	27	215	700	35	225	859	44	231			

Dimensions


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

Assembly Weight: 87.6 Kg

OPTIONAL :


SPLINE SHAFT:
 SAE PD-S 1½"
 DIN5482 40x2x18x7H
 G3/T1144 8x32x38x6
 JIS 81603 38x17x2

