

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.

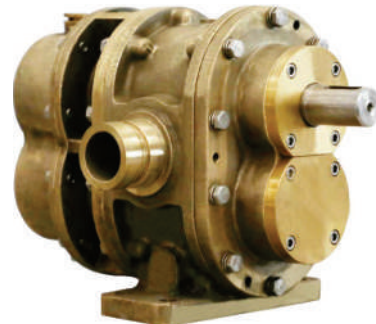
Design Features:

- 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: DN40(48.3 O.D.)、1½"
 Connection Type: Groove、Thread、Flange

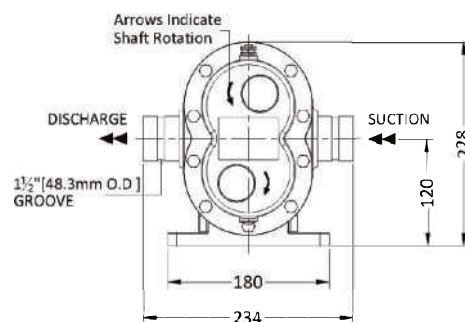
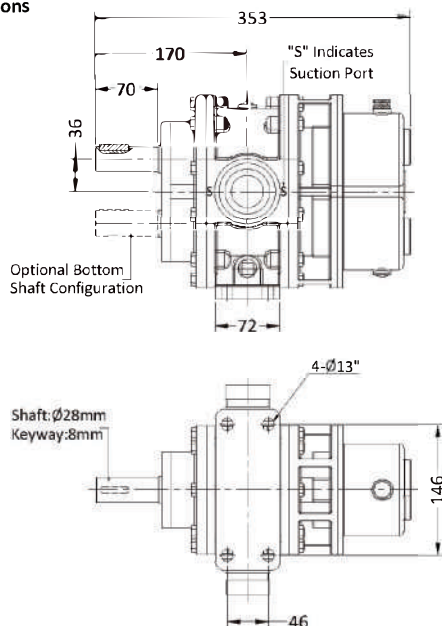
[1] Brookfield viscometer, spindle #4, speed 30rpm.


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	153	2	22	192	3	23	251	4	24	310	5	26
6.9	147	3	28	185	4	29	244	5	30	303	6	32
10.3	137	4	38	176	5	39	234	6	40	293	8	44
13.8	130	5	49	168	6	50	226	8	51	286	11	56
17.2	125	6	61	163	8	61	221	10	63	280	13	66
20.0	122	7	70	160	9	71	217	11	73	277	14	73

Dimensions


Suction & Discharge:
 a. 1½"(48.3mm O.D) Groove (Standard)
 b. Thred G 1½" Male (Option)
 c. Flange DIN2633 DN40 PN16 (Option)

OPTIONAL :


SPLINE SHAFT:
 SAE PJ 1½"
 DIN5482 30x2x14x7H
 GB/T1144 6x23x28x6
 JIS B1603 28x12x2

Assembly Weight: 34.5 Kg

