

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.

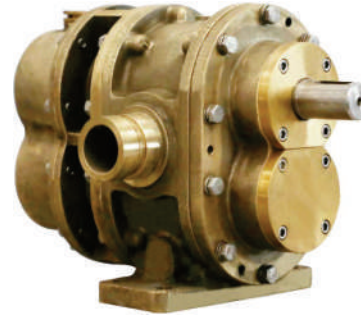
Design Features:

- 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

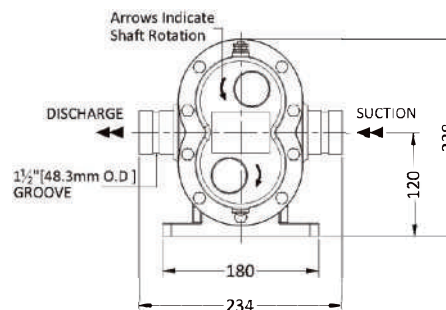
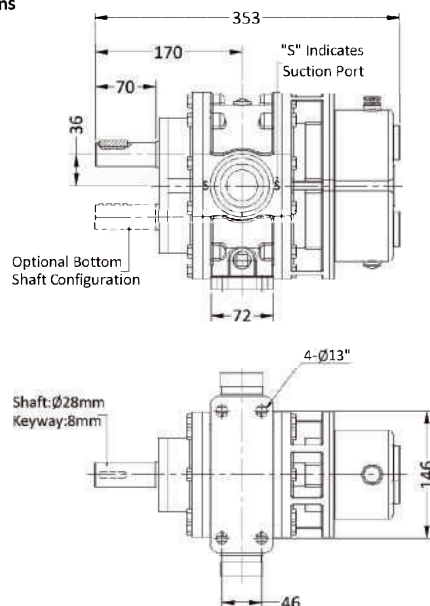
[1]Brookfield viscometer, spindle #4, speed 30rpm.


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	106	2	19	136	3	21	184	4	23	233	5	25
6.9	97	3	25	128	3	25	176	4	29	224	5	35
10.3	84	4	33	115	4	32	163	6	36	211	7	43
13.8	74	4	41	105	6	40	153	7	44	200	8	50
17.2	66	5	48	96	7	49	144	8	52	192	10	57
20.0	61	6	58	91	8	60	138	10	61	186	11	60

Dimensions


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

Assembly Weight: 34.5 Kg

OPTIONAL :


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

