

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.

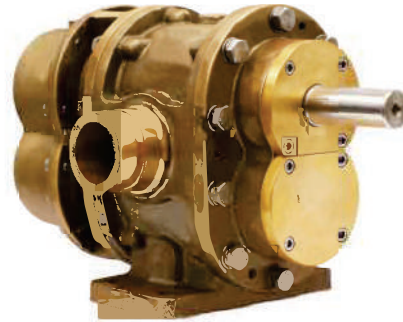
Design Features:

- 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: DN50(60.3 O.D.)、2”
 Connection Type: Groove、Thread、Flange

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



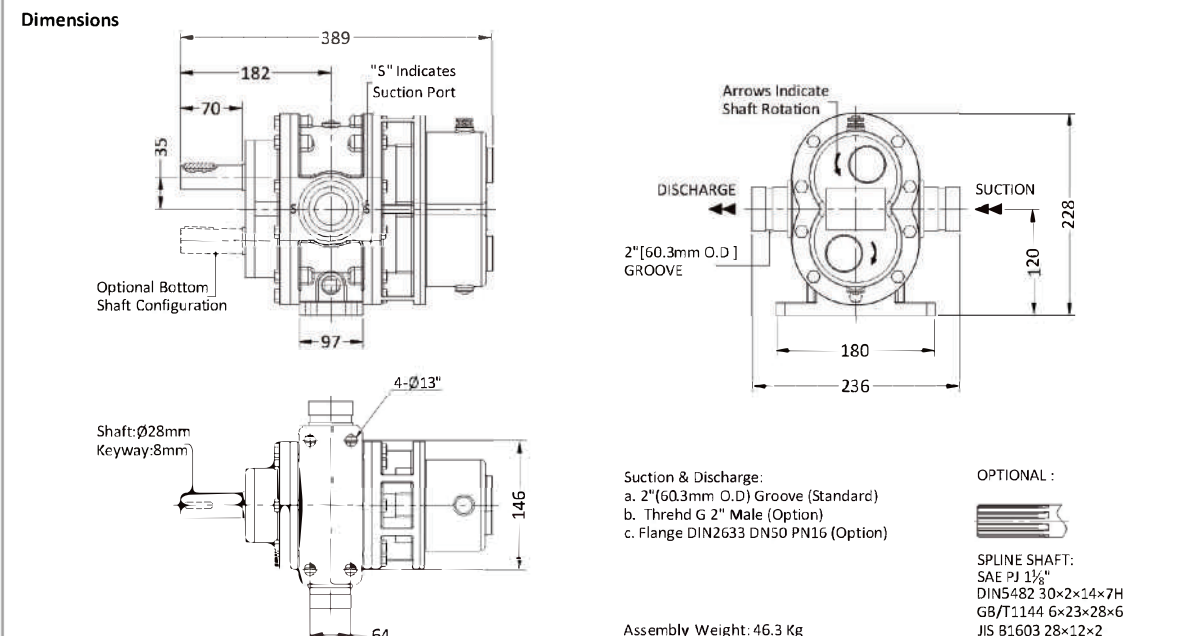
Materials :

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	168	3	29	221	4	30	299	5	33	379	7	35	
6.9	154	4	37	206	5	38	284	6	40	364	8	42	
10.3	132	5	51	184	7	52	262	8	53	341	11	56	
13.8	114	7	66	167	8	66	244	11	68	323	13	71	
17.2	102	8	80	155	10	80	231	13	82	310	16	86	
20.0	95	9	91	148	12	92	223	15	93	302	18	97	

Dimensions



Arrows indicate Shaft Rotation

DISCHARGE SUCTION

2" [60.3mm O.D.] GROOVE

Optional Bottom Shaft Configuration

Shaft: Ø28mm Keyway: 8mm

4-Ø13"

OPTIONAL :

SPLINE SHAFT:
 SAE PJ 1 1/8"
 DIN5482 30x2x14x7H
 GB/T1144 6x23x28x6
 JIS 81603 28x12x2

Assembly Weight: 46.3 Kg

