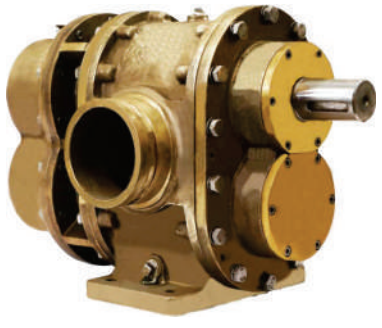
FAMOCHEM GmbH.
Firefighting Equipment Company

Model F8T-132 | Rotary Gear Pump

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: DN100(114.3 O.D.)、4"
Connection Type: Groove、Thread、Flange

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

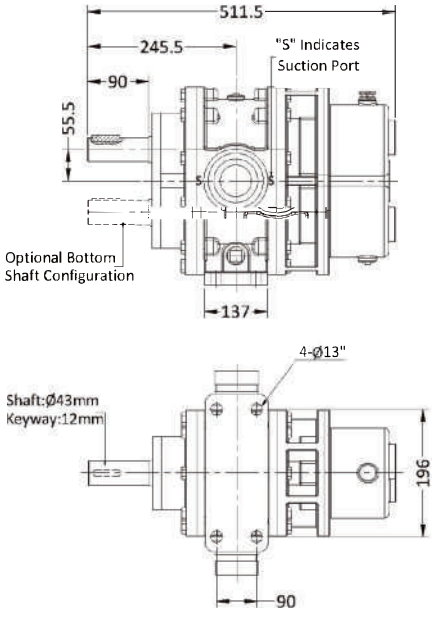
Materials :

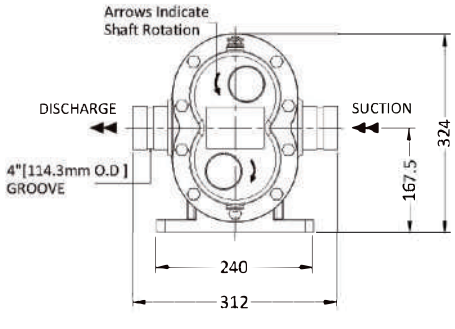
Pump body: Red Brass, ASTM B584 C83600
Rotor: Stainless Steel 17-4PH
Red Brass, ASTM B584 C83600
Liners: Red Brass, ASTM B584 C83600
Front Cover: Red Brass, ASTM B584 C83600
Back Cover: Red Brass ASTM B584 C83600
Timing Gear: Alloy Steel 20CrMnTi (ASTM A29M)
Lip Seal : FPM

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	627	9	85	757	12	94	997	17	109	1198	24	127
6.9	602	11	107	740	15	117	973	21	131	1186	28	106
10.3	566	15	148	717	20	159	944	27	173	1160	35	134
13.8	540	20	190	698	25	202	925	34	215	1138	43	162
17.2	525	24	232	683	31	244	913	40	258	1119	51	191
20.0	520	28	267	673	35	278	909	46	293	1108	58	308

Dimensions





Suction & Discharge:
a. 4"(114.3mm O.D) Groove (Standard)
b. Threhd G 4" Male (Option)
c. Flange DIN2633 DN100 PN16 (Option)

Assembly Weight: 106 Kg

OPTIONAL :

SPLINE SHAFT:
SAE PE-S 1¾"
DIN5482 45x2x21x7H
GB/T1144 8x36x42x7
JIS B1603 42×19×2

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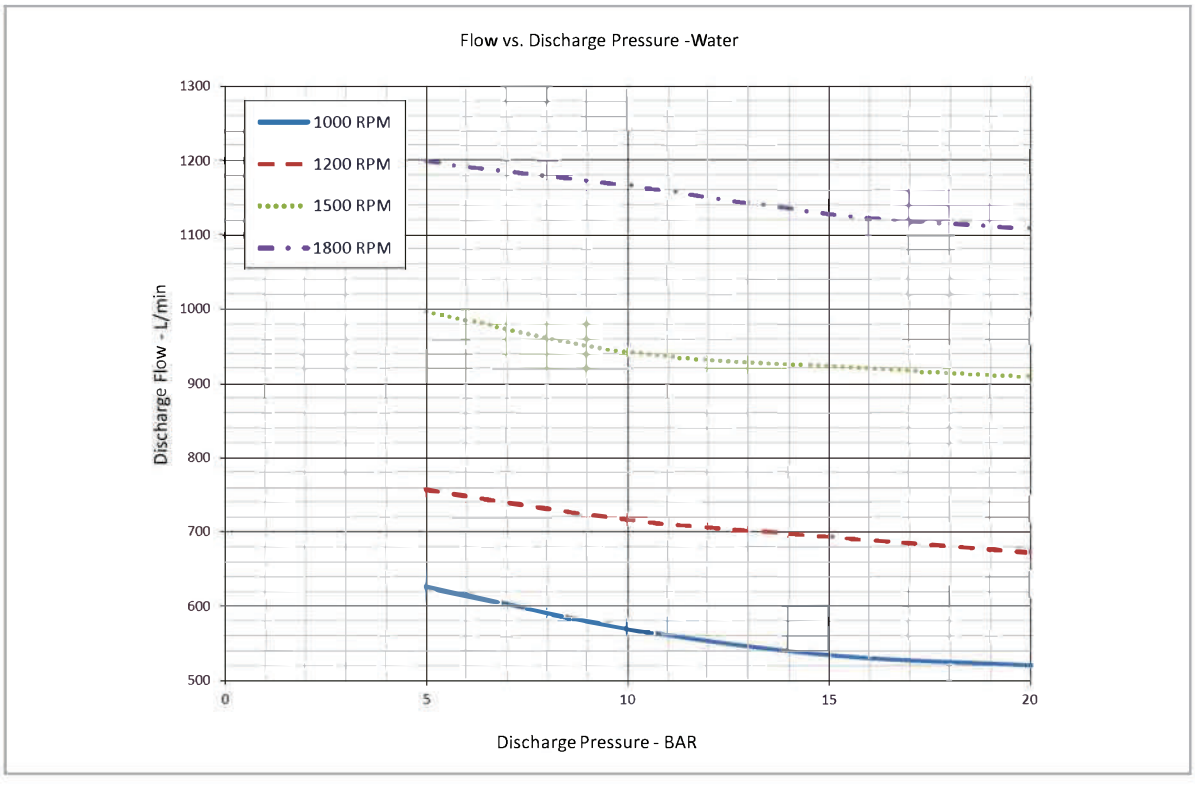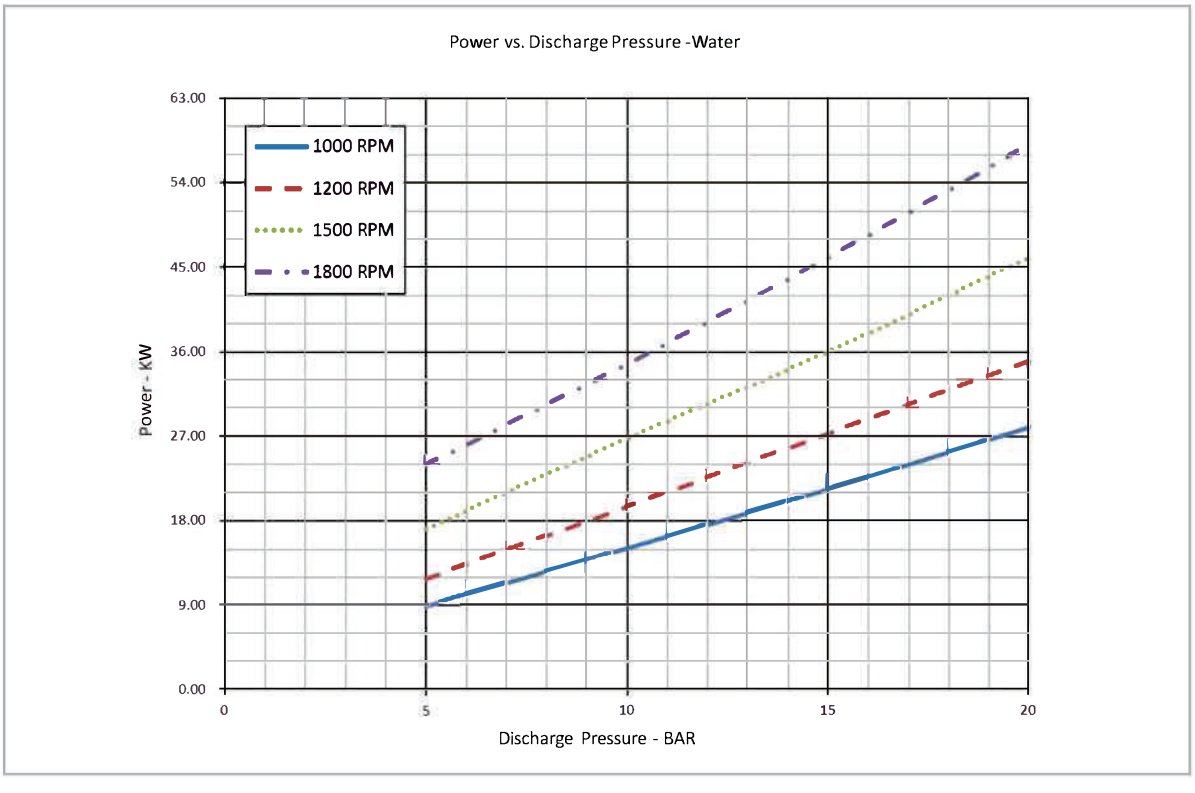
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