

Model G8T-132 Rotary Gear Pump

Surex 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

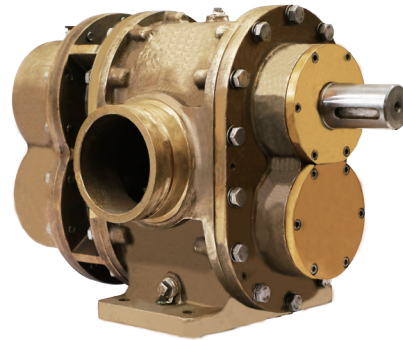
Viscosity : 9500cp max.[1]

Connection Diameter: DN100(114.3 O.D.)、4"

Connection Type: Groove、Thread、Flange

Approvals: FM

[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

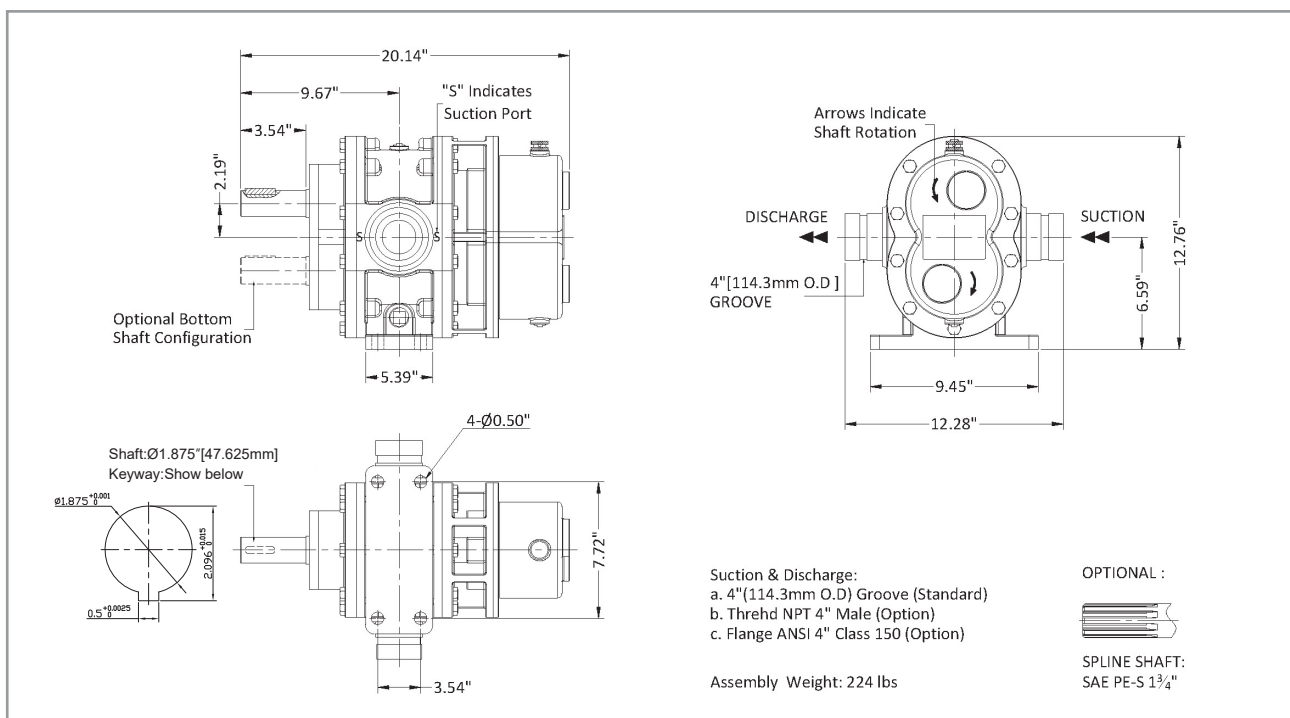
Timing Gear: Alloy Steel 20CrMnTi (ASTM A29M)

Lip Seal : FPM

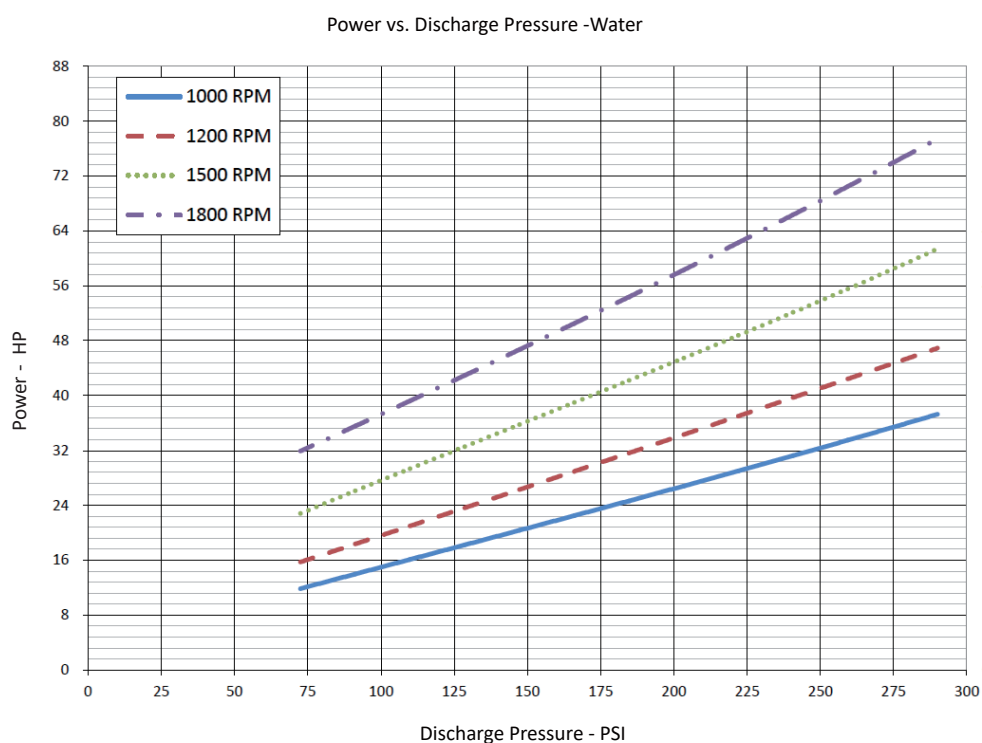
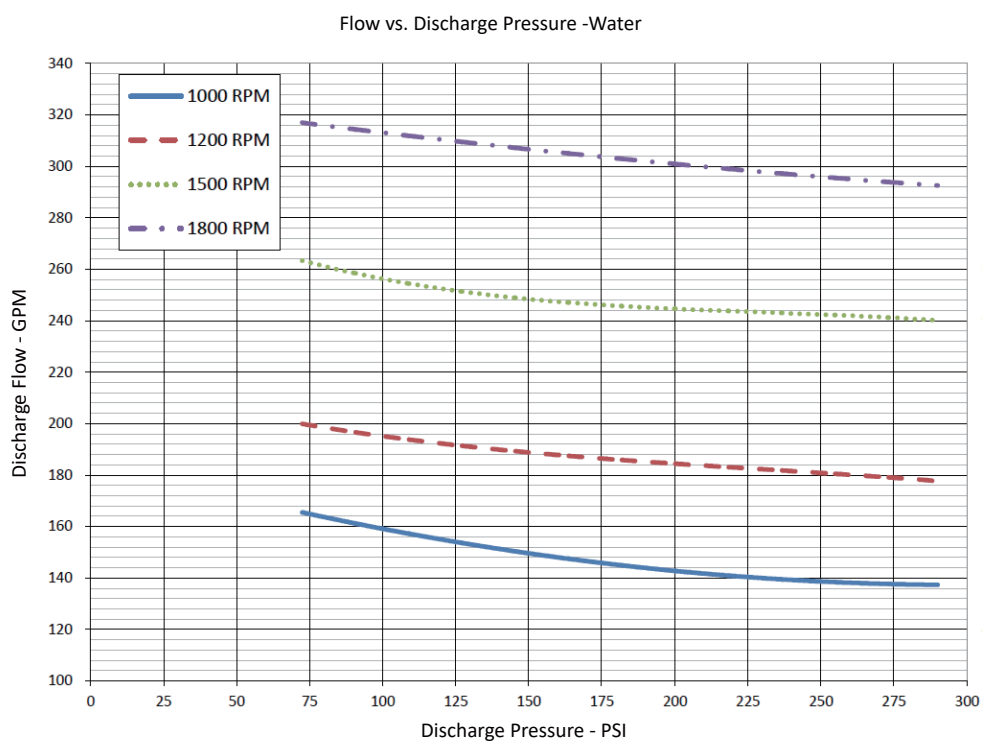
Performance -Water

Foam Pump	1000rpm			1200rpm			1500rpm			1800rpm		
Pressure	Flow	Power	Torque	Flow	Power	Torque	Flow	Power	Torque	Flow	Power	Torque
PSI	GPM	HP	LB-FT	GPM	HP	LB-FT	GPM	HP	LB-FT	GPM	HP	LB-FT
72.5	166	12	63	200	16	69	263	23	80	317	32	67
100	159	15	79	196	20	86	257	28	97	313	37	78
150	150	21	109	189	27	117	249	36	127	307	47	99
200	143	26	140	184	34	149	244	45	158	301	58	120
250	139	32	171	180	41	180	241	54	190	296	68	141
290	137	37	197	178	47	205	240	61	216	293	77	158

Dimensions



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- The pump performance for foam concentrate, please contact Surex, or down load from www.surexfoam.com.