

Gear Driven, Cast Iron, Self-Priming

Series 9000C-O-SP



Upgrade Options:

- Increase dry-run and abrasive resistance with Life Guard Seals
 - Life Guard seals are the OEM standard

Features

- Planetary oil-bath gear drive
- Port sizes: 1-1/2" NPT inlet, 1-1/4" NPT outlet
- Max. fluid temperature: 140°F/60°C
- Housing: Cast iron
- Impeller: Nylon
- Pump shaft rotation: Counter clockwise when looking at the shaft end
- Pump seals: Viton®/ceramic standard; Life Guard silicon carbide (B) available
- Life Guard seals are the industry standard on OEM equipment
- Weight: 62 lbs./28.2 kg

Order Information

Model Number	Max GPM	Max LPM	Max PSI	Max BAR	Max RPM	PTO Output	Locking Collar and Mounting Clip
9006C-O-SP	119	450	77	5.3	600	1-3/8" 6 spline (SAE) 540 rpm	x
9016C-O-SP	119	450	77	5.3	600	1" (25.4 mm) solid shaft	
9028C-O-SP	117	443	69	4.35	1000	1-3/4" 20 spline (SAE) 1000 rpm	x
3430-0334	Seal and o-ring repair kit						
3430-0591	Life Guard silicon carbide seal kit						
3430-0480SP	Self priming chamber kit						

Life Guard silicon carbide seal - Available upon request

9006C-O-SP, 9016C-O-SP

U.S. Units

RPM	GPM at 10 PSI	GPM at 20 PSI	GPM at 30 PSI	GPM at 40 PSI	GPM at 50 PSI	GPM at 60 PSI	GPM at 70 PSI
500	101	95	77	51	12		
540	111	109	94	74	47	11	
600	119	118	112	97	79	54	23

9028C-O-SP

U.S. Units

RPM	GPM at 10 PSI	GPM at 20 PSI	GPM at 30 PSI	GPM at 40 PSI	GPM at 50 PSI	GPM at 60 PSI
800	91	81	57	19		
940	105	101	84	60	25	
1000	117	114	104	87	65	33

9006C-O-SP, 9016C-O-SP

Metric Units

RPM	LPM at 0.7 BAR	LPM at 1.4 BAR	LPM at 2.1 BAR	LPM at 2.8 BAR	LPM at 3.4 BAR	LPM at 4.1 BAR	LPM at 4.8 BAR
500	382	360	291	193	45		
540	420	413	356	280	178	42	
600	450	447	424	367	299	204	87

9028C-O-SP

Metric Units

RPM	LPM at .07 BAR	LPM at 1.4 BAR	LPM at 2.1 BAR	LPM at 2.8 BAR	LPM at 3.4 BAR	LPM at 4.1 BAR
800	344	307	216	72		
940	397	382	318	227	95	
1000	443	432	394	329	246	125