

# Pump SC 5012-5108

SAE



Sunfab SC is a series of piston pumps with fixed displacement for demanding mobile hydraulics.

Sunfab SC covers the entire displacement range 0.77-6.59 cu in/rev. with a maximum working pressure of 5800 psi.

Sunfab SC is a modern, compact pump that satisfies the market's tough requirements of flow performance, pressure, efficiency and compact installation dimensions.

Sunfab SC is either installed directly on the power take off or in the frame mounting via the intermediate shaft.

DIN also available.

In installations where the hydraulics are used while the vehicle is in motion the SC pump is complemented by Sunfab By-Pass valve.

Sunfab SC's high level of reliability is based on the choice of materials, hardening methods, surface structures and the quality assured manufacturing process.

### Other advantages of Sunfab SC

- High maximum speed with a retained low noise level
- Smooth running over the entire speed register

- Long service life when tough demands are placed on the material choices such as bearings, seals etc.

- O-rings on all sealing surfaces plus double shaft seals eliminate oil leakage from both the pump and the power take off

- Stop edge on the angle housing allows change of rotation direction on the pump without risk of changing the meshing

- One year warranty
- Complete inventory and service in the USA

### Type SC

		5012	5017	5025	5034	5047	5064	5047	5064	5084	5108		
Nominal oil flow at pump speed RPM		GPM						GPM					
	500	1.5	2.1	3.3	4.5	6.2	8.4	6.2	8.4	11.0	14.3		
	1000	3.2	4.3	6.6	9.0	12.4	16.8	12.4	16.8	22.0	28.5		
	1500	4.8	6.5	9.9	13.5	18.6	25.2	18.6	25.2	33.0	42.8		
Displacement	cu in/rev.	0.77	1.04	1.55	2.09	2.87	3.88	2.87	3.88	5.10	6.59		
Max pump speed: <i>continuous</i> <i>limited</i>	RPM	2300	2300	2300	2300	1900	1900	1900	1900	1500	1500		
		3000	3000	3000	3000	2500	2500	2500	2500	2000	2000		
Max working pressure	psi	5800	5800	5800	5800	5800	5075	5800	5800	5800	5800		
Weight	lbs	19.2	19.0	19.6	19.4	27.1	26.9	31.5	31.1	42.0	41.8		
Dimensions	inch	A	3.98	3.98	3.98	3.98	4.61	4.61	4.69	4.69	5.04	5.04	
		B	4.61	4.61	4.61	4.61	5.12	5.12	5.12	5.12	5.79	5.79	
		C	8.23	8.23	8.23	8.23	9.25	9.25	9.33	9.33	10.32	10.32	
		D	3.90	3.90	3.90	3.90	4.29	4.29	4.29	4.29	4.96	4.96	
		E	3.82	3.82	3.82	3.82	4.41	4.41	4.41	4.41	4.96	4.96	
		F	3.50	3.50	3.50	3.50	3.90	3.90	3.90	3.90	4.53	4.53	
		G	3.82	3.82	3.82	3.82	4.17	4.17	4.17	4.17	4.84	4.84	
		H	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2	2
				2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.5	2.5
SAE standard		SAE B						SAE C					
		I	13T-16/32DP						14T-12/24DP				
		J	1.61	1.61	1.61	1.61	1.61	1.61	2.20	2.20	2.20	2.20	
		K	4	4	4	4	4	4	5	5	5	5	
		L	3.54	3.54	3.54	3.54	3.54	3.54	4.51	4.51	4.51	4.51	
		BPT	P	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	1	1
		BPT	Q	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
Tare-weight torque	lb-ft	M	5.1	5.1	5.5	5.5	9.6	9.6	9.6	9.6	15.5	15.5	
Direction of rotation	can be selected												

We reserve the right to make design modifications without prior notification

