



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

Sunfab SC covers the entire displacement range 12–108 cm³/revs at a maximum working pressure of 40 MPa.

Sunfab SC is a modern, compact pump which meets the market's high demands on flow performance, pressure, efficiency and small installation dimensions.

Sunfab SC is either mounted directly on the power take off or on a frame bracket via an intermediate shaft.

The SC pump should be supplemented with the Sunfab By-Pass valve in installations where the hydraulics are used while the vehicle is on the move.

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 while maintaining low noise levels.
- Smooth operation over the entire speed range.
- Long life due to high demands on material selection, such as bearings, seals, etc.
- O-rings on all contact surfaces as well as double shaft seals eliminate oil leakage from the pump and power take off.
- The stop shoulder on the angle housing allows the pump's direction of rotation to be changed without the risk of altering the gear meshing.

Type SC		5012	5017	5025	5034	5047	5064	5047	5064	5084	5108	
Nominal oil flow at pump speed rpm		l/min						l/min				
	500	5.8	7.9	12.5	17.0	23.5	31.5	23.5	31.5	41.5	54.0	
	1000	12.0	16.2	25.0	34.0	47.0	63.5	47.0	63.5	83.5	108.0	
1500	18.3	24.7	37.5	51.0	70.5	95.5	70.5	95.5	125.0	162.0		
Displacement	cm ³ /rev.	12.6	17.0	25.4	34.2	47.1	63.6	47.1	63.6	83.6	108.0	
Max pump speed:	rpm	continuous						continuous				
		2300	2300	2300	2300	1900	1900	1900	1900	1500	1500	
Max working pressure	MPa	limited						limited				
		3000	3000	3000	3000	2500	2500	2500	2500	2000	2000	
Weight	kg	8.7	8.6	8.9	8.8	12.3	12.2	14.3	14.1	19.0	19.0	
Dimensions	mm	A	101	101	101	101	117	117	119	119	128	128
		B	117	117	117	117	130	130	130	130	147	147
		C	209	209	209	209	235	235	237	237	262	262
		D	99	99	99	99	109	109	109	109	126	126
		E	97	97	97	97	112	112	112	112	126	126
		F	89	89	89	89	99	99	99	99	115	115
		G	97	97	97	97	106	106	106	106	123	123
		H	38	38	38	38	38	38	38	38	50	50
			50	50	50	50	50	50	50	50	64	64
SAE standard		SAE B						SAE C				
		I	13T-16/32DP						14T-12/24DP			
		J	41	41	41	41	41	41	56	56	56	56
		K	101.6	101.6	101.6	101.6	101.6	101.6	127	127	127	127
		L	89.8	89.8	89.8	89.8	89.8	89.8	114.5	114.5	114.5	114.5
		ISO G	P	3/4	3/4	3/4	3/4	3/4	3/4	3/4	1	1
		ISO G	Q	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
Tare-weight torque	Nm	M	6.9	6.9	7.4	7.4	13	13	13	13	21	21
Direction of rotation	optional											

Subject to design alteration

