



Pump SC 012–108

DIN



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

		012	017	025	034	040	047	056	064	084	108	
Theoretical oil flow at pump speed rpm												
	500	6.3	8.5	12.7	17.1	20.6	23.5	28.0	31.8	41.5	54.0	
	1000	12.6	17.0	25.4	34.2	41.2	47.1	56.0	63.6	83.6	108.0	
1500	18.9	25.5	38.1	51.3	61.8	70.6	84.0	95.4	125.4	162.0		
Displacement	cm ³ /rev.	12.6	17.0	25.4	34.2	41.2	47.1	56.0	63.6	83.6	108.0	
Max pump speed:	rpm	continuous	2300	2300	2300	2300	1900	1900	1900	1900	1500	1500
		limited	3000	3000	3000	3000	2500	2500	2500	2500	2000	2000
Max working pressure	MPa	40	40	40	40	40	40	40	40	40	40	
Weight	kg	8.3	8.3	8.5	8.5	11.7	11.7	11.7	11.7	17.0	17.0	
Dimensions	mm	A	97	97	97	97	113	113	113	113	123	123
		B	112	112	112	112	130	130	130	130	147	147
		C	202	202	202	202	228	228	228	228	259	259
		D	99	99	99	99	109	109	109	109	126	126
		E	97	97	97	97	109	109	109	109	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
			ISO G	P	3/4	3/4	3/4	3/4	3/4	3/4	3/4	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	21	21	
Direction of rotation	optional											

Subject to design alteration

